6.3.3-Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

6.3.3.1. **Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP),** *Management Development Programmes (MDPs)* **professional development /administrative training programs during the last five years**

6.3.3.2. **Number of non-teaching staff year wise during the last five years**

Findings of DVV: 1.Event Brochures and reports year-wise. 2. e-copy of the certificates of the program attended by teaching and non- teaching staff. 3. List of participating teaching and non- teaching staff as per the prescribed format year wise during the last five years. 4. Annual reports highlighting the programs undertaken by the teaching faculties and non-teaching staff."

Clarification for findings of DVV:
Following documents are attached herewith.
1. List of participating teaching and non- teaching staff as per the prescribed format year wise during the last five years.
2. e-copy of the certificates of the program attended by teaching and non- teaching staff.
3. Event Brochures and reports.
4. Annual reports highlighting the programs undertaken by the teaching faculties and non-teaching staff.

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	**Name of the participant**	**Designation**	**Title of the FDP /MDP/ professional development / administrative training program**	**Dates (from-to) (DD-MM-YYYY)**
			Year 1- 2018-19	
2018-19	Prof. Jyoti Deshmukh	Assistant Professor	FDP on Laboratory Practice -I	10/07/2018 to 12/07/2018
2018-19	Prof. Sharad Adsure	Assistant Professor	FDP on Laboratory Practice -I	10/07/2018 to 12/07/2018
2018-19	Prof. Sharad Adsure	Assistant Professor	FDP on Laboratory Practice -II	16/07/2018 to 18/07/2018
2018-19	Prof. Gauri Virkar	Assistant Professor	FDP on Artificial Intelligence and Robotics	05/07/2018 to 06/07/2018
2018-19	Prof. Gauri Virkar	Assistant Professor	Workshop on Certified Information Security Specialist V1	28/07/2018 to 29/07/2018
2018-19	Prof. Supriya Shinde	Assistant Professor	Workshop on Certified Information Security Specialist V1	28/07/2018 to 29/07/2018
2018-19	Prof. Supriya Shinde	Assistant Professor	FDP on Artificial Intelligence and Deep Learning	06/10/2018 to 08/10/2018
2018-19	Prof. Jyoti Deshmukh	Assistant Professor	FDP on Laboratory Practice -III	17/12/2018 to 18/12/2018
2018-19	Prof. Gauri Virkar	Assistant Professor	FDP on Laboratory Practice -III	17/12/2018 to 18/12/2018
2018-19	Prof. Sheetal Bhagwat	Assistant Professor	FDP on Embedded systems and Real Time OS	09-01-2019
2018-19	Prof. Sanchika Bajpai	Assistant Professor	FDP on Machine Learning using Python	27/12/2018 to 28/12/2018
2018-19	Prof. Gayatri Bhandari	Professor	FDP on Information and Cyber Security	29-12-2018
2018-19	Prof. Gayatri Bhandari	Professor	Microsoft Certification on One Note	22-12-2018
2018-19	Prof. Gauri Virkar	Assistant Professor	FDP on Introduction to Python Programming by ICT Acadamy	31-01-2019 to 1-02-2019
2018-19	Dr.Prafulla Sharma	Assistant Professor	FDP on Battery Storage And Devices	26/03/19 to 28/03/19
2018-19	Prof.Khalkar Rohini	Assistant Professor	FDP on Battery Storage And Devices	
2018-19	Prof.Godse Swati	Assistant Professor	FDP on Battery Storage And Devices	
2018-19	Dr. Yogesh S Angal	Professor	NPTEL Online Certification on Control Engineering	Jan-Mar 2019
2018-19	Dr. Yogesh S Angal	Professor	FDP on PLC s and Automation	21/12/2018
2018-19	Dr. Yogesh S Angal	Professor	5th International Conference for Convergence in Technology 2019	29/03/2019 to 31/03/2019
2018-19	Dr. Yogesh S Angal	Professor	Expert in "AVISHKAR-2018"	14/12/2018

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2018-19	Dr. Anil L.Wanare	Professor	NPTEL Workshop	29/11/2018
2018-19	Dr. Anil L.Wanare	Professor	YealinkCertified Video Conferencing Engineer. Certificate valid from 05/03/2019 to 05/02/2021	05/03/2019 to 05/02/2021
2018-19	Mrs.Meenakshi Annamalai	Assistant Professor	Internship Training at S.P.Automation Company, Chakan, Pune	15/05/2019 to 21/05/2019
2018-19	Mrs.Meenakshi Annamalai	Assistant Professor	Workshop on VLSI Design using Verilog HDL	02-02-2019
2018-19	Ms.Rupali S.Rakibe	Assistant Professor	FDP Syllabus Teaching Methodology for VLSI Design & Technology, SPPU , BoS, E&TC Engg Engg. Pune	10-07-2018
2018-19	Ms.Rupali S. Rakibe	Assistant Professor	Workshop on VLSI Design using Verilog HDL	02-02-2019
2018-19	Ms.Rupali S. Rakibe	Assistant Professor	Internship Training at S.P.Automation Company, Chakan, Pune	15/05/2019 to 21/05/2019
2018-19	Mr.Vishal G.Puranik	Assistant Professor	FDP on Embedded Systems & RTOS	12-07-2018
2018-19	Mr.Vishal G.Puranik	Assistant Professor	FDP on Radiation & Microwave Techniques	14/12/2018
2018-19	Mr. Praneet R. Shah	Assistant Professor	Workshop on VLSI Design using Verilog HDL	02-02-2019
2018-19	Mr. Praneet R. Shah	Assistant Professor	Internship Training at S.P.Automation Company, Chakan, Pune	15/05/2019 to 21/05/2019
2018-19	Ms.Sheetal.S.Dubal	Assistant Professor	FDP on Computer Networks & Security	14/12/2018
2018-19	Ms.Sheetal.S.Dubal	Assistant Professor	FDP on Antenna Design	16/2/2019 to 17/2/2019
2018-19	Ms. Surekha.B.Deokar	Assistant Professor	FDP on Electronics Product Design	13/07/2018
2018-19	Ms. Surekha.B.Deokar	Assistant Professor	FDP on Wireless Sensor Networks	21/12/2018
2018-19	Mr. Tushar V Kafare	Assistant Professor	NPTEL Online Certification on Microcontrollers and Microprocessors	Jan-Mar 2019
2018-19	Mr. Tushar V Kafare	Assistant Professor	Expert Lecture on 4G and 5G Technology	21/01/2019
2018-19	Ms. Prajakta J. Katkar	Assistant Professor	NPTEL Online Certification on Analog Circuits	Jan-Mar 2019
2018-19	All Faculty Members	Assistant Professor	Expert session on Advanced Research	02-07-2019

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2018-19	All faculty Members	Assistant Professor	Faculty orienatation Program on Effective utilization of ICT facility towards OBE	17/08/2018
2018-19	Mr. P V Jatti and Mr. A (	Assistant Professor	Workshop on BE MECH(2015 Pattern) Syllabus Orientation-Semester II	08-05-2018
2018-19	Mr. A G Patil	Assistant Professor	Workshop on BE MECH(2015 Pattern) Syllabus Orientation-Industrial Engineering	07-12-2018
2018-19	Mr. V R Mohite	Assistant Professor	Workshop on BE MECH(2015 Pattern) Syllabus Orientation-MSD	02-01-2019
2018-19	Mr. P V Jatti	Assistant Professor	Workshop on BE MECH(2015 Pattern) Syllabus Orientation-Advance Manufacturing Process	03-02-2019
		Year 2 - 2019-20		
2019-20	Dr. N N Ghuge	Professor	FDP on " Basic of Ardunio programming " in association with Spoken Tutorial IIT Bombay	19.05.2020 to 24.05.2020
2019-20	Mr. A V Nichat	Assistant Professor	Workshop CATIA software	10/04/2020 to 20/04/2020
2019-20	Dr. Yogesh S Angal	Professor	FDP on Current Trends in Industry	02/05/2020 to 08/05/2020
2019-20	Dr. Yogesh S Angal	Professor	One Week FDP on ARDUINO IIT B Spoken Tutorial	25/04/2020 to 30/04/2020.
2019-20	Dr. Yogesh S Angal	Professor	One Week FDP on Python 3.4.3 IIT B Spoken Tutorial	20/04/2020 to 25/04/2020
2019-20	Dr. Yogesh S Angal	Professor	One Week FDP on SCILAB IIT B Spoken Tutorial	11/05/2020 to 15/05/2020
2019-20	Dr. Yogesh S Angal	Professor	Five Days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Dr. Yogesh S Angal	Professor	One Week FDP on SCILAB IIT B Spoken Tutorial	18/05/2020 to 22/05/2020
2019-20	Dr. Yogesh S Angal	Professor	FDP on Innovative Teaching Pedalogy in Technical Institutions	01/06/2020 to 05/06/2020
2019-20	Dr. Yogesh S Angal	Professor	Five days National Level FDP on Recent Trends in Mechatronics and Automation	30/06/2020 to 04/06/2020

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2019-20	Dr. Anil L.Wanare	Professor	YealinkCertified Video Conferencing Engineer. Certificate valid from 05/03/2019 to 05/02/2021	05/03/2019 to 05/02/2021
2019-20	Dr. Anil L.Wanare	Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Dr. Anil L.Wanare	Professor	Introduction to Forensic Science and Digital & Cyber Forensics	15.05.2020 to 19.05.2020
2019-20	Dr. Anil L.Wanare	Professor	NPTEL Online Certification on Accreditation and Outcome based Learning	Aug-Oct 2019
2019-20	Dr. Anil L.Wanare	Professor	Introduction to 5G Technology	17/05/2020
2019-20	Dr. Anil L.Wanare	Professor	One day National seminar on Innovative and Best Practices in higher education	26/07/2019
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	NPTEL Online Certification on Python on Data Science	Jan-Feb 2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Climbing the Ladder of Education System Through Innovation & E- Learning Tools	04/05/2020 to 09/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on eSim IIT B Spoken Tutorial	05/05/2020 to 09/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on Linux and Ubuntu IIT B Spoken Tutorial	04/05/2020 to 10/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	07/05/2020 to 13/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Discover Techniques and End-to-End System of 5G Networks Virtual Event	01-05-2020

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	**Name of the participant**	**Designation**	**Title of the FDP /MDP/ professional development / administrative training program**	**Dates (from-to) (DD-MM-YYYY)**
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Emotional Well being at work(Psychology of Emotional Intelligence)	05-05-2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Cisco collaboration and Cloud	10-05-2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Intelluctual Property Rights	13/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	18/05/2020 to 22/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	21/05/2020 to 26/05/2020
2019-20	Mr. Yogesh S. Bahendwar	Assistant Professor	Digital Circuits	22/06/2020 to 26/06/2020.
2019-20	Mr. Yogesh S. Bahendwar	Assistant Professor	Smart bus management for student safety and security	06-06-2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	Climbing the Ladder of Education System Through Innovation & E- Learning Tools	04/05/2020 to 09/05/2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	FDP on Linux and Ubuntu	04/05/2020 to 10/05/2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	07/05/2020 to 13/05/2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	Discover Techniques and End-to-End System of 5G Networks Virtual Event	01-05-2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	Intelluctual Property Rights	07-05-2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	Cisco collaboration and Cloud	10-05-2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	NPTEL Online Certification on Python on Data Science	Jan-Feb 2020
2019-20	Ms. Surekha.B.Deokar	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2019-20	Ms. Surekha.B.Deokar	Assistant Professor	Webinar on "Cisco collaboration and Cloud"	05-10-2020
2019-20	Ms. Surekha.B.Deokar	Assistant Professor	Five days FDP on 'Drupal' IIT B Spoken Tutorial	30/04/2020 to 07/05/2020
2019-20	Ms. Surekha.B.Deokar	Assistant Professor	NPTEL Online Certification on Python on Data Science	Jan-Feb 2020
2019-20	Ms. Surekha.B.Deokar	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Mr. Tushar V Kafare	Assistant Professor	FDP on Linux and Ubuntu	04/05/2020 to 10/05/2020
2019-20	Mr. Tushar V Kafare	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Mr. Tushar V Kafare	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Mr. Tushar V Kafare	Assistant Professor	Android App Development	04/05/2020 to 10/05/2020
2019-20	Mr. Tushar V Kafare	Assistant Professor	Five days FDP on ARDUINO IIT B Spoken Tutorial	25/04/2020 to 30/04/2020.
2019-20	Mr. Tushar V Kafare	Assistant Professor	CATIA Workshop	10/04/2020 to 20/04/2020
2019-20	Mr. Tushar V Kafare	Assistant Professor	PLC	23/04/2020 to 28/04/2020
2019-20	Mr. Tushar V Kafare	Assistant Professor	Industrial Automation 4.0	23/04/2020 to 28/04/2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	Cisco collaboration and Cloud	10-05-2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	Need of Cyber Security Skills and Job Opportunites	15/05/2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	FDP on Arduino IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	FDP on Arduino IIT B Spoken Tutorial	25/04/2020 to 30/04/2020.
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	FDP on Arduino IIT B Spoken Tutorial	29/04/2020 to 03/05/2020

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	FDP on Latex IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	Data Structures	22/06/2020 to 26/06/2020.
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	LaTeX test IIT B Spoken Tutorial	04-05-2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	Global Alumni Symposium Session III Opportunities for E&TC in IT	16/08/2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	How to Conduct Virtual Labs	24/06/2020.
2019-20	Ms.Sheetal.S.Dubal	Assistant Professor	Programming through C++	Jan to April 2020
2019-20	Ms.Sheetal.S.Dubal	Assistant Professor	Five days FDP on Python 3.4.3 IIT B Spoken Tutorial	25/04/2020 to 30/04/2020
2019-20	Ms.Sheetal.S.Dubal	Assistant Professor	Five days FDP on Moodle Test for Teachers IIT B Spoken Tutorial	28/04/2020 to 02/05/2020
2019-20	Ms.Sheetal.S.Dubal	Assistant Professor	FDP on LINUX IIT B Spoken Tutorial	04/05/2020 to 10/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Cisco collaboration and Cloud	10-05-2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on Latex IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on ARDUINO IIT B Spoken Tutorial	25/04/2020 to 30/04/2020.
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Faculty Awareness Programme on National Assesment and Accreditation Council	10/05/2020 to 15/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on Latex	20/04/2020 to 27/04/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on "Python 3.4.3" IIT B Spoken Tutorial	01/05/2020 to 05/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on Latex IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on SCILAB IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on JAVA Training IIT B Spoken Tutorial	04/05/2020 to 10/05/2020

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on Linux and Ubuntu IIT B Spoken Tutorial	04/05/2020 to 10/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on Python 3.4.3 IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on RDBMS Postgre SQL Training	30/04/2020 to 04/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	NAAC Awareness Programme for Faculty	08/05/2020 to 14/05/2020.
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on Moodle Test for Teachers IIT B Spoken Tutorial	02/04/2020 to 08/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on R Programming IIT B Spoken Tutorial	02/04/2020 to 06/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on Java Business Application IIT B Spoken Tutorial	27/04/2020 to 01/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on Python 3.4.3 IIT B Spoken Tutorial	30/04/2020 to 04/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on ARDUINO IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on Advanced CPP Training	30/04/2020 to 04/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on Arduino IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on JAVA Training IIT B Spoken Tutorial	28/04/2020 to 02/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on Latex IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Mr.Vishal G.Puranik	Assistant Professor	Five days FDP on ARDUINO IIT B Spoken Tutorial	25/04/2020 to 30/04/2020.
2019-20	Mr.Vishal G.Puranik	Assistant Professor	Cisco collaboration and Cloud	10-05-2020
2019-20	Mr.Vishal G.Puranik	Assistant Professor	4G/ 5G and beyond	22/05/2020
2019-20	Mr.Vishal G.Puranik	Assistant Professor	BOSS LINUX 3.4.2 OS	25/04/2020 to 01/05/2020
2019-20	Mr.Vishal G.Puranik	Assistant Professor	Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation	02-05-2020
2019-20	Mr.Vishal G.Puranik	Assistant Professor	An effective paper writing skills	13/04/2020 to 16/04/2020

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	**Name of the participant**	**Designation**	**Title of the FDP /MDP/ professional development / administrative training program**	**Dates (from-to) (DD-MM-YYYY)**
2019-20	Mr.Vishal G.Puranik	Assistant Professor	FDP on Recent Trends in Technology & Digital Education	25/04/2020 to 30/04/2020.
2019-20	Mr.Dilip S.Bhosale	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Mr.Dilip S.Bhosale	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	11/05/2020 to 15/05/2020
2019-20	Mr.Dilip S.Bhosale	Assistant Professor	Antenna Design Through Simulation Using TaraNG :19.1	04/05/2020 to 08/05/2020
2019-20	Mr.Dilip S.Bhosale	Assistant Professor	STTP on METLAB based Teaching Learning in Mathematics, Scirence and Engineering	18/05/2020 to 23/05/2020
2019-20	Mr.Dilip S.Bhosale	Assistant Professor	Cisco collaboration and Cloud	10-05-2020
2019-20	Ms.P.riya D..Shimpi	Assistant Professor	NPTEL Online Certification on Introduction to programming in C	July-sept 2019
2019-20	Ms.P.riya D..Shimpi	Assistant Professor	Python 3.4.3	20/04/2020 to 25/04/2020
		Year 3- 2020-21		
2020-21	Adsure Sharad Sampat	Assistant Professor	AICTE Sponsored One Week Short Term Training Program (STTP) Phase IV on Machine Learning with Python in Data Science - Applications and Research Perspectives	5.11.2020 to 5.11.2020
2020-21	Adsure Sharad Sampat	Assistant Professor	one week online Faculty Development Program on "Recent and Emerging Trends in Information Technology" organized by Department of Computer Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	27.07.2021 to 31.07.2021

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
	List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.			
2020-21	Adsure Sharad Sampat	Assistant Professor	two days online FDP on "OOMD with STAR UML" organized by Department of Computer Engineering and Information Technology at SVERI COE(Polytechnic), Pandharpu	13.07.2020 to 14.07.2020
2020-21	Adsure Sharad Sampat	Assistant Professor	three days Faculty Development Program on "SYSTEM PROGRAMMING AND OPERATING SYSTEM (Theory and Laboratory)" organized in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune	05/08/2021 to 07/08/2021.
2020-21	Adsure Sharad Sampat	Assistant Professor	Faculty Development Program on "SYSTEM PROGRAMMING AND OPERATING SYSTEM (Theory and Laboratory)" organized in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune	05/08/2021 to 07/08/2021
2020-21	Radha Shirbhate	Assistant Professor	FDP on Research Methodology by Kamala Nehru Mahavidyalaya	26th April to 1st May 2021
2020-21	G.M.Bhandari	Professor	FDN on Data Science and Machine Learning by IIT-Kanpur	15 Feb 21 to 26 Feb 21
2020-21	Jayashri Parate	Assistant Professor	FDP on Recent Advancement in AI and Robotics" by D.Y. Patil school of Engg ,Pune	25 April 21 to 29 April 21

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2020-21	Shrishail Patil	Assistant Professor	FDP on Microprocessor and microprocessor Lab by MVPS's KBT COE Nashik	1 Feb 21 to 3 Feb 21
2020-21	Madhavi Kulkarni	Assistant Professor	FDP on "Artificial Intelligence" D.Y. Patil School of Engg , Pune	24 May 21 to 28 May 21
2020-21	Yogendra Patil	Assistant Professor	FDP on "Recent Trends in Technology" by BIT Barshi	7 June 21 to 13 June 21
2020-21	Sharad Adsure	Assistant Professor	FDP on "Artificial Intelligence" by D.Y. Patil School of Engg	24 May 21 to 28 May 21
2020-21	Radha Shirbhate	Assistant Professor	One week Online course on "Digital Teaching Technique" Organized by ICT	29 June 20 to 4 July 2021
2020-21	P V Jatti	Assistant Professor	ICT Enabled 1 week online course on "Digital Teaching Techniques" ICT Academy	29.06.2020 to 4.07.2020
2020-21	Dr. Yogesh S Angal	Professor	Workshop on Project Based Learning	23/01/2021
2020-21	Dr. Yogesh S Angal	Professor	National Level Seminar on Robotics Process Automation (NSRPA-2020)	11/08/2020 to 12/08/2020
2020-21	Dr. Yogesh S Angal	Professor	Seminar on Digitization in Industry	28/11/2020
2020-21	Dr. Yogesh S Angal	Professor	Webinar on Accelerators/Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs	27/05/2021
2020-21	Dr. Yogesh S Angal	Professor	AICTE STTP on Digital Skill Development for Professionals	07/12/2020 to 12/12/2020
2020-21	Dr. Anil L.Wanare	Professor	YealinkCertified Video Conferencing Engineer. Certificate valid from 05/03/2019 to 05/02/2021	05/03/2019 to 05/02/2021
2020-21	Dr. Anil L.Wanare	Professor	Seminar on Digitization in Industry	28/11/2020
2020-21	Dr. Anil L.Wanare	Professor	Workshop on Project Based Learning	23/01/2021
2020-21	Dr. Anil L.Wanare	Professor	National Level Seminar on Robotics Process Automation (NSRPA-2020)	11/08/2020 to 12/08/2020

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2020-21	Dr. Anil L.Wanare	Professor	Webinar on Accelerators/Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs	27/05/2021
2020-21	Dr. Anil L.Wanare	Professor	AICTE STTP on Digital Skill Development for Professionals	07/12/2020 to 12/12/2020
2020-21	Dr. Anil L.Wanare	Professor	High Altitude Platform (HAP) For Wireless Communication	10-04-2021
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	Workshop on Project Based Learning	23/01/2021
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	National Level Seminar on Robotics Process Automation (NSRPA-2020)	11/08/2020 to 12/08/2020
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	Seminar on Digitization in Industry	28/11/2020
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on Recent Trends in Mechatronics and Automation	30/06/2020 to 04/07/2020
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	Webinar on Accelerators/Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs	27/05/2021
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	AICTE STTP on Digital Skill Development for Professionals	07/12/2020 to 12/12/2020
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	Workshop on PSIM Software and its Applications in Power Electronics	22/05/2021
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on Electrical Circuits	22/06/2020 to 26/06/2020
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on Principles of Communication Systems	18/01/2021 to 20/01/2021
2020-21	Mr. Yogesh S. Bahendwar	Assistant Professor	How to prepare your manuscript	23/04/2021

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Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2020-21	Mr. Yogesh S. Bahendwar	Assistant Professor	Python and its application with artifical intellegnces	15/03/2021 to 19/03/2021
2020-21	Mr. Yogesh S. Bahendwar	Assistant Professor	Structuring your article correctly	23/04/2021
2020-21	Mr. Yogesh S. Bahendwar	Assistant Professor	Successful research grant applications – getting it right	23/04/2021
2020-21	Mr. Yogesh S. Bahendwar	Assistant Professor	How to write an abstract and improve your article	24/04/2021
2020-21	Mr. Yogesh S. Bahendwar	Assistant Professor	Advances in biosignal & image processing	08/03/2021 to 12/03/2021
2020-21	Mr. Yogesh S. Bahendwar	Assistant Professor	JavaScript	14/07/2020 to 16/07/2020.
2020-21	Mr.Vishal G.Puranik	Assistant Professor	Workshop on Project Based Learning	23/01/2021
2020-21	Mr.Vishal G.Puranik	Assistant Professor	National Level Seminar on Robotics Process Automation (NSRPA-2020)	11/08/2020 to 12/08/2020
2020-21	Mr.Vishal G.Puranik	Assistant Professor	Seminar on Digitization in Industry	28/11/2020
2020-21	Mr.Vishal G.Puranik	Assistant Professor	Webinar on Accelerators/Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs	27/05/2021
2020-21	Mr.Vishal G.Puranik	Assistant Professor	AICTE STTP on Digital Skill Development for Professionals	07/12/2020 to 12/12/2020
2020-21	Mr.Vishal G.Puranik	Assistant Professor	Recent Advancement in AI & Robotics	25/04/2021 to 29/04/2021
2020-21	Mr.Vishal G.Puranik	Assistant Professor	Workshop on RESEARCH METHODOLOGY	10/05/2021 to 15/05/2021
2020-21	Mr.Vishal G.Puranik	Assistant Professor	IoT Based Health Monitoring & Control System	22/04/2021
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	National Level Seminar on Robotics Process Automation (NSRPA-2020)	11/08/2020 to 12/08/2020
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	FDP on Data Analytics with Python	28/11/2020

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	Workshop on Project Based Learning	23/01/2021
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	Seminar on Digitization in Industry	28/11/2020
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	Webinar on Accelerators/Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs	27/05/2021
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	AICTE STTP on Digital Skill Development for Professionals	07/12/2020 to 12/12/2020
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	Use of IOT for Control Systems	31/05/2021
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	Electronic Circuits	22/06/2020 to 26/06/2020.
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	Object Oriented Programming	18/01/2021 to 20/01/2021
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	FDP on Data Analytics with Python	24/05/2021 to 28/05/2021
2020-21	Ms.Rupali S. Rakibe	Assistant Professor	FDP on Recent Trends in Mechatronics and Automation	30/06/2020 to 04/07/2020
2020-21	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	FUNDAMENTALS OF MATLAB workshop	15/07/2020 to 17/07/2020
2020-21	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	Global Alumni Symposium Session III Opportunities for E&TC in IT	16/8/2020
2020-21	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	Workshop on Project Based Learning	23/01/2021
2020-21	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	National Level Seminar on Robotics Process Automation (NSRPA-2020)	11/08/2020 to 12/08/2020
2020-21	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	Seminar on Digitization in Industry	28/11/2020
2020-21	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	Webinar on Accelerators/Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs	27/05/2021.
2020-21	Mr. Dnyaneshwar.D. Kha	Assistant Professor	AICTE STTP on Digital Skill Development for Professionals	07/12/2020 to 12/12/2020

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Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2020-21	Mr. Tushar V Kafare	Assistant Professor	Workshop on Project Based Learning	23/01/2021
2020-21	Mr. Tushar V Kafare	Assistant Professor	National Level Seminar on Robotics Process Automation (NSRPA-2020)	11/08/2020 to 12/08/2020
2020-21	Mr. Tushar V Kafare	Assistant Professor	Seminar on Digitization in Industry	28/11/2020
2020-21	Mr. Tushar V Kafare	Assistant Professor	Webinar on Accelerators/Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs	27/05/2021.
2020-21	Mr. Tushar V Kafare	Assistant Professor	AICTE STTP on Digital Skill Development for Professionals	07/12/2020 to 12/12/2020
Year 4 - 2021-22				
2021-22	Mr.Bhourgunde S.D	Assistant Professor	Qualitative and Quantatative approches for quality assurance through perforfermance indicators in engineering institutions	05/02/2022 TO 10/02/2022
2021-22	Dr.Swati.S.Godse	Assistant Professor	Advanced concept of outcomes based education	08-04-2022
2021-22	Mrs.Manjusha.S. Patil	Assistant Professor	Recent trends in renewable energy	22/03/2022 TO 26/03/2022
2021-22	Mr.Vipul.S.Bhosale	Assistant Professor	Current reaserch trends in computer engineering	28/03/2022 TO 2/04/2022
2021-22	Dr.Swati.S.Godse	Assistant Professor	Current reaserch trends in computer engineering	28/03/2022 TO 2/04/2022
2021-22	Dr.Swati.S.Godse	Assistant Professor	Current reaserch trends in computer engineering	28/03/2022 TO 2/04/2022
2021-22	Dr.Swati.S.Godse	Assistant Professor	Mental health and happinees	08-04-2022
2021-22	Mr.Vipul.S.Bhosale	Assistant Professor	Mental health and happinees	08-04-2022
2021-22	Mrs.Nilima Jagtap	Assistant Professor	Advanced concept of outcomes based education	08-04-2022
2021-22	Mrs.Nilima Jagtap	Assistant Professor	Mental health and happinees	08-04-2022
2021-22	Mrs.Manjusha.S. Patil	Assistant Professor	Unbox research and Beyond research-what next	28/04/2021 TO 05/05/21
2021-22	Mrs.Manjusha.S. Patil	Assistant Professor	Recent trends in energy power & system	06/09/2021 TO 09/09/2021

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2021-22	Mrs.Manjusha.S. Patil	Assistant Professor	Developing leadership skills for enhancing personal and organizational outcome	13/09/2021 TO 17/09/2021
2021-22	Mrs.Rohini.D.Khalkar	Assistant Professor	Developing leadership skills for enhancing personal and organizational outcome	13/09/2021 TO 17/09/2021
2021-22	Mrs.Manjusha.S. Patil	Assistant Professor	Innovation in electric vehicles, Energy storage and smart grid interaction	13/12/2021 TO 17/12/2021
2021-22	Mr. Mohite Vivek	Assistant Professor	National intellectual property awareness mission	25/01/2022
2021-22	Mr. Nikhil Guarav	Assistant Professor	Renewable energy sources and emerging technologies	21/03/2022 TO 25/03/2022
2021-22	Mrs. Swati Godse	Assistant Professor	National intellectual property awareness mission	25/01/2022
2021-22	Mr. S.D Bhourgunde	Assistant Professor	National intellectual property awareness mission	25/01/2022
2021-22	Dr. N. N. Ghuge	Professor	TE Electrical Syllabus revision	02-06-2021
2021-22	Dr. N. N. Ghuge	Professor	Scitefic Drilling to study resevior trigged earth quake	25-01-2022
2021-22	Dr. N. N. Ghuge	Professor	cyber security and applications	12-07-2021 to 16-07-2021
2021-22	Dr. N. N. Ghuge	Professor	FDP On Electric Vehicle	05-07-2021 to 09-07-2021
2021-22	Prof. Krishnakant Kasar	Assistant Professor	TE Electrical Syllabus revision	02-06-2021
2021-22	Prof. Krishnakant Kasar	Assistant Professor	FDP on recent technology in electrical engineering	10-02-2022 to 12-02-2022
2021-22	Prof. Santosh Gadekar	Assistant Professor	TE Electrical Syllabus revision	02-06-2021
2021-22	Prof. Santosh Gadekar	Assistant Professor	FDP on recent technology in electrical engineering	10-02-2022 to 12-02-2022
2021-22	Prof. Ganesh Lohote	Assistant Professor	TE Electrical Syllabus revision	02-06-2021
2021-22	Porf. Nitesh Anwat	Assistant Professor	TE Electrical Syllabus revision	02-06-2021

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
2021-22	Porf. Nitesh Anwat	Assistant Professor	Workshop on TE Electrical Revised Syllabus 2019	09-08-2021 to 11-08-2021
2021-22	Porf. Nitesh Anwat	Assistant Professor	FDP on recent technology in electrical engineering	10-02-2022 to 12-02-2022
2021-22	Prof. Avinash Hadole	Assistant Professor	FDP on recent technology in electrical engineering	10-02-2022 to 12-02-2022
2021-22	Prof. Jyoti Gole	Assistant Professor	Mathematical Modelling of Electromechnical System Using MATLAB	08-04-2022
2021-22	Prof. Jyoti Gole	Assistant Professor	Green Audit and energy audit	08-04-2022
2021-22	Prof. Jyoti Gole	Assistant Professor	Research innovation and emerging advances in electrical engineering	04-04-2022 to 09-04-2022
2021-22	Prof. Ramya Kompelli	Assistant Professor	Mathematical Modelling of Electromechnical System Using MATLAB	08-04-2022
2021-22	Prof. Ramya Kompelli	Assistant Professor	Green Audit and energy audit	08-04-2022
2021-22	Prof. Ramya Kompelli	Assistant Professor	Research innovation and emerging advances in electrical engineering	04-04-2022 to 09-04-2022
2021-22	Prof. Rashmi Sharma	Assistant Professor	Mathematical Modelling of Electromechnical System Using MATLAB	08-04-2022
2021-22	Prof. Rashmi Sharma	Assistant Professor	Green Audit and energy audit	08-04-2022
2021-22	Prof. Rashmi Sharma	Assistant Professor	Research innovation and emerging advances in electrical engineering	04-04-2022 to 09-04-2022
2021-22	DR. A. G. Patil	Assistant Professor	Recent Trends in Renewable Energy	31-01-2022 to 04-02-2022
2021-22	PROF. A. V. Talape	Assistant Professor	Advanced Applications of AIML	22-11-2021 to 02-12-2021

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Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2021-22	PROF.V.R.Mohite	Assistant Professor	FDP on Artificial Intelligence and Blockchain Application for Food Agriculture Sector	24-01-2022 to 28-01-2022
2021-22	DR. A. G. Patil	Assistant Professor	An Overview of CFD	22.1.2022
2021-22	PROF.V.R.Mohite	Assistant Professor	Programming and Problem Solving with Python	02-01-2022
2021-22	PROF.V.R.Mohite	Assistant Professor	Intellectual property Rights	25-01-2022
2021-22	Dr.L.M.Rathod	Assistant Professor	Surviving peer Review for Research Publication	25-01-2022
2021-22	Dr.P.S.Kachare	Assistant Professor	Intellectual property Rights	25-01-2022
2021-22	Prof.R.R.Rathod	Assistant Professor	International webinar Series	02-09-2022
2021-22	G.M.Bhandari	Professor	STTP on "Advanced Applications in Artificial Intelligence and Machine Learning	2nd To 6th August 2021
2021-22	Juhi Agrawal	Assistant Professor	Faculty Development Programme on 'Recent Trends in Quantum Computing'	21st to 25th March 2022
2021-22	Madhavi Kulkarni	Assistant Professor	RESEARCH TOOLS FOR DATA SCIENCE	29th to 31st March 2022
2021-22	Madhavi Kulkarni	Assistant Professor	Faculty Development Program on Data Science by AICTE Training and Learning (ATAL) Academy	21st to 25th February 2022
2021-22	Madhavi Kulkarni	Assistant Professor	Python Beyond Hands on by AICTE-ISTE sponsored	28th Jan to 3rd Feb 2022
2021-22	Madhavi Kulkarni	Assistant Professor	Faculty Development Programme on Data Science & Big Data Analytics organised by I2IT and Bos SPPU	8th Feb 2022
2021-22	Madhavi Kulkarni	Assistant Professor	Faculty Development Programme on Object Oriented Programming & Computer Graphics by MET and Bos SPPU	24th Aug 2021
2021-22	Madhavi Kulkarni	Assistant Professor	Faculty Development Program in 'Examination Reforms' organised by AICTE	14 Feb to 16 Feb 2022

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2021-22	Madhavi Kulkarni	Assistant Professor	Udemy Certification completed course SQL & Database Design A-Z:Learn MS SQL Server + PostgreSQL	21st June 2022(12.5 hours)
2021-22	Radha Shirbhate	Assistant Professor	One week Online course on "Digital Teaching Technique" Organized by ICT	30 June 21 to 4 July 2021
2021-22	Juhi Agrawal	Assistant Professor	Designing and Modelling of IOT,AI,and ML System organized by AICTE,ATAL Academy,Arm Education	1st to 5th August 2022
2021-22	Juhi Agrawal	Assistant Professor	Faculty Development Program in 'Examination Reforms' organised by AICTE	14 Feb to 16 Feb 2022
2021-22	Juhi Agrawal	Assistant Professor	Udemy Certification Completed on"Beginner FullStack Web Development: HTML,CSS,React & Node"	21st June 2022 (31.5 hours)
2021-22	Priya Sharma	Assistant Professor	Machine learning fundamenetal	7 to 9 April 2022
2021-22	Yogendra Patil	Assistant Professor	"Biomedical Image Processing using AI"	25th October to 30th October 2021
2021-22	Prof.Vidya Jagtap	Assistant Professor	FDP On Udemy For Up Skilling	10-05-22 TO 15-05-22
2021-22	Prof.Bhagyashreee Kadam	Assistant Professor	FDP On Udemy For Up Skilling	11-05-22 TO 16-05-22
2021-22	Prof.Pranita Ingale	Assistant Professor	FDP On Udemy For Up Skilling	18-05-22 TO 22-05-22
2021-22	Prof.Rekha Kotwal	Assistant Professor	FDP On Udemy For Up Skilling	19-05-22 TO 23-05-23
2021-22	Prof.Ashwini Taksal	Assistant Professor	FDP On Udemy For Up Skilling	15-05-22 TO 20-05-24
2021-22	prof.Prajwali Korade	Assistant Professor	FDP On Udemy For Up Skilling	18-05-22 TO 22-05-25
2021-22	Dr. Yogesh S Angal	Professor	NPTEL FDP on Control Systems	Feb 2022 to Apr 2022
2021-22	Dr. Yogesh S Angal	Professor	FDP on Sensors In Automation	31/01/2022 to 02/02/2022
2021-22	Dr. Yogesh S Angal	Professor	Online training with Absolute Motion Pvt.Ltd.under "Upskill Yourself" Program Absolute Motion Pvt, Pune	02/07/2021 to 04/07/2021
2021-22	Dr. Yogesh S Angal	Professor	Research Funding Projects and IPR (Part2)	07/07/2021 to 09/07/2021
2021-22	Dr. Yogesh S Angal	Professor	FOW on Computer Network	26/07/2021 to 28/07/2021

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Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2021-22	Dr. Yogesh S Angal	Professor	FOW on Database Managament System	22/07/2021 to 24/07/2021
2021-22	Dr. Yogesh S Angal	Professor	ePGPEX- 2021	18/06/2021
2021-22	Dr. Yogesh S Angal	Professor	IEEE International Conference on Computing Communication and Green Engineering-2021 (CCGE'21)	23/09/2021 to 25/09/2021
2021-22	Dr. Anil L. Wanare	Professor	FOW on TE(E&TC) on Digital Communication	22/07/2021 to 24/07/2021
2021-22	Dr. Anil L. Wanare	Professor	Online training with Absolute Motion Pvt.Ltd.under "Upskill Yourself" Program Absolute Motion Pvt, Pune	02/07/2021 to 04/07/2021
2021-22	Mrs.Meenakshi Annamalai	Assistant Professor	Online training with Absolute Motion Pvt.Ltd.under "Upskill Yourself" Program	02/07/2021 to 04/07/2021
2021-22	Mrs.Meenakshi Annamalai	Assistant Professor	UDEMy Course on Digital Signal Processing with MATLAB	10/05/2022 to 11/05/2022
2021-22	Mrs.Meenakshi Annamalai	Assistant Professor	One Week FDP on Computer Vision and Deep Learning	28/03/2022 to 01/04/2022
2021-22	Mrs.Meenakshi Annamalai	Assistant Professor	National Intellectual Property Awareness Mission	25/01/2022
2021-22	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on Power Devices & Circuits (PDC)	27/01/2022 to 29/01/2022
2021-22	Mrs.Meenakshi Annamalai	Assistant Professor	Webinar on Embedded System with Robotics	15/09/2021
2021-22	Mrs.Meenakshi Annamalai	Assistant Professor	Webinar on Impact of AI &ML in Electronics and Computer Engineering	28/03/2022
2021-22	Mr.Yogesh S. Bahendwar	Assistant Professor	National Intellectual Property Awareness Mission	25/01/2022
2021-22	Mr.Yogesh S. Bahendwar	Assistant Professor	FOW on Advanced Java programming	31/01/2022 to 02/02/2022

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2021-22	Mr. Yogesh S. Bahendwar	Assistant Professor	FOW on Fundamentals of JAVA	27/01/2022 to 29/01/2022
2021-22	Mr. Yogesh S. Bahendwar	Assistant Professor	One Week FDP on Computer Vision and Deep Learning	28/03/2022 to 01/04/2022
2021-22	Mr.Vishal G.Puranik	Assistant Professor	FDP on Recent Trends of Emerging Research Advances in Design Aspects and Innovative Modeling Techniques with Miniaturization for Electronics Devices and Circuits	24/01/2022 to 28/01/2022
2021-22	Mr.Vishal G.Puranik	Assistant Professor	Data Analysis Using Excel PCET'S	14/07/2021 to 16/07/2021
2021-22	Mr.Vishal G.Puranik	Assistant Professor	Online training with Absolute Motion Pvt.Ltd.under "Upskill Yourself" Program Absolute Motion Pvt, Pune	02/07/2021 to 04/07/2021
2021-22	Mr.Vishal G.Puranik	Assistant Professor	National Intellectual Property Awareness Mission	25/01/2022
2021-22	Mr.Vishal G.Puranik	Assistant Professor	Programming and Problem Solving with python	28/01/2022
2021-22	Mr.Vishal G.Puranik	Assistant Professor	Emerging issue of VLSI design ITM University	12/07/2021 to 17/07/2021
2021-22	Mr. Tushar V Kafare	Assistant Professor	One Week FDP on Computer Vision and Deep Learning	28/03/2022 to 01/04/2022
2021-22	Mr. Tushar V Kafare	Assistant Professor	Online training with Absolute Motion Pvt.Ltd.under "Upskill Yourself" Program Absolute Motion Pvt, Pune	02/07/2021 to 04/07/2021
2021-22	Mr. Tushar V Kafare	Assistant Professor	FOW on Subject Sensors in Automation TE E&TC 2019 course	31/01/2022 to 02/02/2022
2021-22	Mr. Tushar V Kafare	Assistant Professor	National Intellectual Property Awareness Mission	25/01/2022
2021-22	Mr. Tushar V Kafare	Assistant Professor	FOW on Embedded processors	2/12/2022 to 4/12/2022
2021-22	Ms. Sheetal S. Dubal	Assistant Professor	FDP on Project Management	27/01/2022 to 29/01/2022
2021-22	Prof.Vidya Jagtap	HOD	FDP On Udemy For Up Skilling	10-05-22 TO 15-05-22
2021-22	Prof.Bhagyashreee Kadam	Asst.prof.	FDP On Udemy For Up Skilling	11-05-22 TO 16-05-22
2021-22	Prof.Pranita Ingale	Asst.prof.	FDP On Udemy For Up Skilling	18-05-22 TO 22-05-22

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Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2021-22	Prof.Rekha Kotwal	Asst.prof.	FDP On Udemy For Up Skilling	19-05-22 TO 23-05-23
2021-22	Prof.Ashwini Taksal	Asst.prof.	FDP On Udemy For Up Skilling	15-05-22 TO 20-05-24
2021-22	prof.Prajwali Korade	Asst.prof.	FDP On Udemy For Up Skilling	18-05-22 TO 22-05-25
2021-22	Mrs. Rekha Kotwal	Asst.prof.	Digital teaching Techniquies	24/01/2022 to 28/01/2022
2021-22	Mrs. Rekha Kotwal	Asst.prof.	One Week FDP on "Artificial Intelligence and Machine Learning"-IEEE	21/06/2021 to 25/06/2021
Year 5- 2022-23				
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2022-23	Mr.A.Thombre	Assistant Professor	Basic Linear Algebra	20.02.23-to 14.04.23-8 Weeks
2022-23	Mr.Dnyneshwar Magar	Assistant Professor	Engineering Mathematics-II	23.01.23-to 17.04.23-12 Weeks
2022-23	Mr. Sharad Wangdare	Assistant Professor	Basic Linear Algebra	20-02-2023to -17.03.23-4 Weeks
2022-23	Ms.Priyanka Bhoyar	Assistant Professor	Outcome Based Pedagogic Principles For Effective Teaching	23.1.23-to 07.3.23-4 Weeks
2022-23	Mr.Waghmare Namrata	Assistant Professor	Python in Data Science	15.02.23-to 9.4.23-8 Weeks
2022-23	Mr.Anil Poshetti	Assistant Professor	Engineering Graphics	20.02.23-to 14.04.23-8 Weeks
2022-23	Mr. Yogesh Hole	Assistant Professor	Mechanical Measurement System	23.01.23-to 17.04.23-12 Weeks
2022-23	Mrs.G.Santhi Kumari	Assistant Professor	Essentials of data science with R-Software-I:Probability and statistical Inference	23.01.23-to 17.04.23-12 Weeks

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2022-23	Mrs. Dakshta Jain	Assistant Professor	Python in Data Science	15.02.23-to 9.4.23-8 Weeks
2022-23	Dr.Yogesh S. Angal	Professor	NPTEL-AICTE FDP on Control Engineering	Jan-Apr 2023
2022-23	Dr.Yogesh S. Angal	Professor	NPTEL-AICTE FDP on Data Analytics with Python	Jan-Apr 2023
2022-23	Dr.Yogesh S. Angal	Professor	Organised FDP on PLC, SCADA and Automation for BE(E&TC)	14/06/2022 to 17/06/2022
2022-23	Dr.Yogesh S. Angal	Professor	Two day National Level Workshop on Implementation of National Education Policy 2020-Research & Development	10/02/2023 to 11/02/2023
2022-23	Dr.Yogesh S. Angal	Professor	Organised IETE National Level Project Compettion 2023	26/04/2023
2022-23	Dr. Anil L Wanare	Professor	Faculty Orientation Workshop on Deep Learning	14/06/2022 to 17/06/2022
2022-23	Dr. Anil L Wanare	Professor	Faculty Orientation Workshop on Digital Marketing	30/01/2023 to 01/02/2023
2022-23	Dr. Anil L Wanare	Professor	Five days FDP on Business Intelligence in Data Science	30/01/2023 to 03/02/2023
2022-23	Dr. Anil L Wanare	Professor	Two day National Level Workshop on Implementation of National Education Policy 2020-Research & Development	10/02/2023 to 11/02/2023
2022-23	Dr. Anil L Wanare	Professor	IP Awareness/Training program	25/01/2023
2022-23	Dr. Anil L Wanare	Professor	Coordinator IETE National Level Project Compettion 2023	26/04/2023
2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	NPTEL Online Certification on Principles of Communication Systems - 1	Jan-Apr 2023
2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	IP Awareness/Training program	02-08-2022
2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	Faculty Orientation Workshop on VLSI Design and Technology	14/06/2022 to 17/06/2022

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	Faculty Orientation Workshop on Android Development	30/01/2023 to 01/02/2023
2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	Five days ISTE Approved Short Term Training Program on Digital Marketing	13/03/2023 to 17/03/2023
2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on Recent Trends in Mobile Computing with Real Time Approach	27/03/2023 to 01/04/2023
2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on Outcome Based Education through Student Centric Teaching Learning Process	22/05/2023 to 26/05/2023
2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	Coordinator IETE National Level Project Compettion 2023	26/04/2023
2022-23	Mr.Yogesh S.Bahendwar	Assistant Professor	Faculty Orientation Workshop on JAVA Script	14/06/2022 to 17/06/2022
2022-23	Mr.Yogesh S.Bahendwar	Assistant Professor	Faculty Orientation Workshop on Android Development	30/01/2023 to 01/02/2023
2022-23	Mr.Yogesh S.Bahendwar	Assistant Professor	Two day National Level Workshop on Implementation of National Education Policy 2020-Research & Development	10/02/2023 to 11/02/2023
2022-23	Mrs.Suchipriya V. Malge	Assistant Professor	Faculty Orientation Workshop on Mobile Computing	30/1/2023 to 1/2/2023
2022-23	Mrs.Suchipriya V. Malge	Assistant Professor	Embedded System Design Using Raspberry Pi	25/02/2023
2022-23	Mrs.Suchipriya V. Malge	Assistant Professor	Five days ISTE Approved Short Term Training Program on Digital Marketing	13/03/2023 to 17/03/2023
2022-23	Mrs.Suchipriya V. Malge	Assistant Professor	FDP on Outcome Based Education through Student Centric Teaching Learning Process	22/05/23 to 26/05/23

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2022-23	Mrs.Suchipriya V. Malge	Assistant Professor	FDP on Recent Trends in Mobile Computing with Real Time Approach	27/03/2023 to 01/04/2023
2022-23	Mrs.Poonam V. Gawade	Assistant Professor	NPTEL Online Certification on Principles of Communication Systems - 1	Jan-Apr 2023
2022-23	Mrs.Poonam V. Gawade	Assistant Professor	Faculty Orientation Workshop on Digital Business Management	31/1/2023 to 1/2/2023
2022-23	Mrs.Poonam V. Gawade	Assistant Professor	Five days ISTE Approved Short Term Training Program on Digital Marketing	13/03/2023 to 17/03/2023
2022-23	Mrs.Poonam V. Gawade	Assistant Professor	FDP on Outcome Based Education through Student Centric Teaching Learning Process	22/05/23 to 26/05/23
2022-23	Mrs.Poonam V. Gawade	Assistant Professor	FDP on Recent Trends in Mobile Computing with Real Time Approach	27/03/2023 to 01/04/2023
2022-23	Mrs.Poonam V. Gawade	Assistant Professor	Workshop on Industrial Approach in Electronics	17/04/2023 to 19/04/2023
2022-23	Ms.Sneha D.Dhere	Assistant Professor	Embedded System Design Using Raspberry Pi	25/02/2023
2022-23	Ms.Sneha D.Dhere	Assistant Professor	Professional Training Program on Digital Badging	30/12/2022
2022-23	Ms.Sneha D.Dhere	Assistant Professor	Faculty Orientation Workshop on Embedded System Design	30/01/2023 to 01/02/2023
2022-23	Ms.Sneha D.Dhere	Assistant Professor	Workshop on Industrial Approach in Electronics	17/04/2023 to 19/04/2023
2022-23	Ms.Sneha D.Dhere	Assistant Professor	Introduction to Applied Cryptography	16/05/2023
2022-23	Mr. Nilesh A. Mohota	Assistant Professor	Faculty Orientation Workshop on Fiber Optic Communication	30/01/2023 to 01/02/2023
2022-23	Mr. Manoj S.Sonune	Assistant Professor	Faculty Orientation Workshop on Radiation and Microwave Theory	14/06/2022 to 17/06/2022
2022-23	Mr. Manoj S.Sonune	Assistant Professor	FDP on Outcome Based Education through Student Centric Teaching Learning Process	22/05/23 to 26/05/23

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2022-23	Mrs.Jayshree Y. Suryawanshi	Assistant Professor	FDP on Outcome Based Education through Student Centric Teaching Learning Process	22/05/23 to 26/05/23
2022-23	Mrs.Jayshree Y. Suryawanshi	Assistant Professor	Workshop on Industrial Approach in Electronics	09/04/2023 to 13/042023
2022-24	Mrs.Jayshree Y. Suryawanshi	Assistant Professor	FDP on Recent Trends in Mobile Computing with Real Time Approach	27/03/2023 to 01/04/2023
2022-23	Mr, Aniket Gunjal	Assistant Professor	Workshop on Industrial Approach in Electronics	09/04/2023 to 13/042023
2022-23	Prof Atul Talpe	Assistant Professor	One Day Certificate course on Industrial Robotics by Autofina Robotics	17-Sep-22
2022-23	Prof Atul Talpe	Assistant Professor	Syllabus Implementation Workshop-CIM	11-13 January 2023
2022-23	Prof Atul Talpe	Assistant Professor	FDP on Advance Manufacturing Process	17-22 Oct 2022
2022-23	Prof Atul Talpe	Assistant Professor	NPTEL-Phython for Data Science	July-Aug 2022
2022-23	Prof Atul Talpe	Assistant Professor	STTP-Role of AIML & Data Science in Emerging Trends of Mechanical Engineering	23-30 Jan 2023
2022-23	Prof Atul Talpe	Assistant Professor	Workshop-NEP 2020 Implementation	12-Aug-22
2022-23	Prof Atul Talpe	Assistant Professor	Syllabus Implementation Workshop-IPOB	16-18 January 2023
2022-23	Prof Atul Talpe	Assistant Professor	Workshop-Voice Modulations-Improve your voice skiils	11-Mar-23
2022-23	Prof Patil Pankaj Ganpatrao	Assistant Professor	FDP on Advance Manufacturing Process	17-22 Oct 2022
2022-23	Prof Patil Pankaj Ganpatrao	Assistant Professor	Workshop-NEP 2020 Implementation	12-Aug-22
2022-23	Dr. Ajay Pingale	Assistant Professor	NPTEL-Electronic Waste Management	Jan-Feb 2023
2022-23	Dr. Ajay Pingale	Assistant Professor	FDP-APPLICATION OF ANSYS FOR ENGINEERING PROBLEMS	19th – 23rd Dec 2022
2022-23	Dr. Ajay Pingale	Assistant Professor	FDP on Advance Manufacturing Process	17-22 Oct 2022

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	**Name of the participant**	**Designation**	**Title of the FDP /MDP/ professional development / administrative training program**	**Dates (from-to) (DD-MM-YYYY)**
2022-23	Dr. Ajay Pingale	Assistant Professor	Syllabus Implementation Workshop-CIM	11-13 January 2023
2022-23	Dr. Ajay Pingale	Assistant Professor	FDP- Recent Advancement in Material, Micro-Manufacturing and Characterization	13-17 March 2023
2022-23	Dr. Ajay Pingale	Assistant Professor	FDP-GEOMETRIC DIMENSIONING & TOLERANCES	17-22 April 2023
2022-23	Dr. Ajay Pingale	Assistant Professor	Syllabus Implementation Workshop-Engineering Economics & Financial Management	11,12 & 16 Jan 2023
2022-23	Dr. Ajay Pingale	Assistant Professor	Recent Trends in Artificial Intelligence and Cyber Security	1-5 Nov 2022
2022-23	Dr. Ajay Pingale	Assistant Professor	STTP- Applications of AIML in Mechanical Engineering	08-12 Aug 2022
2022-23	Dr. Ajay Pingale	Assistant Professor	FDP- Taking Research to Next Level	26-30 Sept 2022
2022-23	Dr. Ajay Pingale	Assistant Professor	Syllabus Implementation Workshop-PED	12-14 Jan 2023
2022-23	Dr. Pravin S. Kachare	Assistant Professor	NPTEL-Design Thinking-A Primer	Aug-Sep 2022
2022-23	Prof. P. V. Jatti	Assistant Professor	FDP- Advanced Manufacturing Processes	17-22 Oct 2022
2022-23	Prof. P. V. Jatti	Assistant Professor	Workshop-NEP 2020 Implementation	12-Aug-22
2022-23	Prof Varsha A Patil	Assistant Professor	Recent advances & challenges in electric, hybrid & Fuel cell vehicles	27-31 Jan 2023
2022-23	Prof Varsha A Patil	Assistant Professor	FDP- Advanced Manufacturing Processes	17-22 Oct 2022
2022-23	Prof Varsha A Patil	Assistant Professor	STTP-Role of AIML & Data Science in Emerging Trends of Mechanical Engineering	23-30 Jan 2023
2022-23	Prof Varsha A Patil	Assistant Professor	Syllabus Implementation Workshop-CIM	11-13 January 2023
2022-23	Prof Varsha A Patil	Assistant Professor	Workshop-NEP 2020 Implementation	12-Aug-22
2022-23	Prof Anushri Salwe	Assistant Professor	FDP- Advanced Manufacturing Processes	17-22 Oct 2022

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2022-23	Prof. Vidya Jagtap	Assistant Professor	One Week OnlineFDP on "Research Methodology, Intellectual Property Right and Patent Filing" organized by IT Dept	22/05/2023 to 26/05/2023
2022-23	Prof. B. D, Kadam	Assistant Professor	One Week OnlineFDP on "Research Methodology, Intellectual Property Right and Patent Filing" organized by IT Dept	22/05/2023 to 26/05/2023
2022-23	Prof. Ashwini Taksal	Assistant Professor	One Week OnlineFDP on "Research Methodology, Intellectual Property Right and Patent Filing" organized by IT Dept	22/05/2023 to 26/05/2023
2022-23	Prof. Sweta Khandekar	Assistant Professor	One Week OnlineFDP on "Research Methodology, Intellectual Property Right and Patent Filing" organized by IT Dept	22/05/2023 to 26/05/2023
2022-23	Prof. Pranita Ingale	Assistant Professor	One Week OnlineFDP on "Research Methodology, Intellectual Property Right and Patent Filing" organized by IT Dept	22/05/2023 to 26/05/2023
2022-23	Dr. Praveen Barapatre	Associate Professor	5 days Online FDp on UHVz	26/12/2022 to 30/12/2022
2022-23	Madhavi Kulkarni	Assistant Professor	5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE)	05th December to 09th December 2022.
2022-23	Vijay Sonawane	Assistant Professor	one-week online FDP on "Data Science"	6th February 2023 to 10th February 2023
2022-23	Shrishail Patil	Assistant Professor	one-week online FDP on "Data Science"	6th February 2023 to 10th February 2023
2022-23	G.M.Bhandari	Professor	Five Days Online Faculty Development Program on "Deep Learning"	23rd Jan 2023 to 28th Jan 2023

List of participating teaching and non- teaching staff in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.				
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2022-23	Nitin Shivale	Assistant Professor	Faculty Orientation Program on Laboratory Practice-V:410254	23-01-2023

JAYAWANT SHIKSHAN PRASARAK MANDAL's
Bhivarabai Sawant Institute of Technology & Research
(Approved by AICTE New Delhi, DTE Mumbai & Affliated to Savitribai Phule Pune University)
Gat No. 719/1 & 2, Wagholi, Pune-Nagar Road, Pune-412207
Ph : 020-067335108, 65217050, 67335100
Telefax : 020-67335100
Website : www.jspm.edu.in / www.bsiotr.org
EN 6311 /CEGP-013100

Prof. Dr. T. J. Sawant
B.E. (Elec.) PGDM, Ph.D
Founder Secretary

Dr. T.K. Nagaraj
ME. (Civil Engg), Ph.D (Civil Engg)
LMISTE, LMIGS, LMIRC
LMISRMTT, LMIE
Principal

6.3.3 Percentage of Teaching and Nonteaching staff Participated in FDP.MDP/Administrative Training

Department of First Year Engineering

Academic Year 2018-2019 For Teaching Staff				
Sr. No	Name of the Participant	Designation	Title of the FDP/MDP/professional development/administrative training	Dates (from-to) (DD-MM-YYYY)
1	Dr.Swati.S.Godse	HOD	Energy Storage Devices Batteries and supercapacitors etc	26/3/2019 to 28/3/2019
2	Dr. Prafulla S. Sharma	Asst. Prof.	Energy Storage Devices Batteries and supercapacitors etc	26/3/2019 to 28/3/2019
3	Mrs. Khalkar Rohini	Asst. Prof.	Energy Storage Devices Batteries and supercapacitors etc	26/3/2019 to 28/3/2019

Principal
Dr. T. K.Nagaraj

G. H. Raisoni College of Engineering and Management

An Autonomous Institute Affiliated to Savitribai Phule Pune University

Domkhel Road, Wagholi, Pune 412207.

RAISONI GROUP
— a vision beyond —

Department of Applied Sciences & Humanities

Faculty Development Program on

"Energy Storage Devices : Batteries and Supercapacitors etc. "
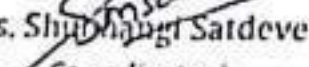
SPEL In association with SPEL Technologies Pvt. Ltd., Pune

Certificate

This is to certify that Dr./Mr./Ms. _Mrs. Godse Swati S._ has attended 3 Days FDP on 'Energy Storage Devices : Batteries and Supercapacitors etc." conducted in association with SPEL Technologies Pvt ltd., Pune from 26ᵗʰ–28ᵗʰ March 2019, organized by Department of Applied Sciences & Humanities under Re-Skilling Program SPEL

Grade : A+ / A / B /

Ms. Shubhangi Satdeve
Co-ordinator

Dr. Santosh Kumar
Convener

Mr. Praveen Jangade
Dean. F.Y.B.Tech.

Dr. K. K. Paliwal
Director, GHRCEM

G. H. Raisoni College of Engineering and Management

An Autonomous Institute Affiliated to Savitribai Phule Pune University

Domkhel Road, Wagholi, Pune 412207.

RAISONI GROUP
— a vision beyond —

PUNE

Department of Applied Sciences & Humanities

Faculty Development Program on

"Energy Storage Devices : Batteries and Supercapacitors etc. "

SPEL In association with SPEL Technologies Pvt. Ltd., Pune

Certificate
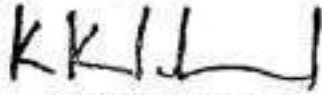
This is to certify that Dr./Mr./Ms. __PRAFULLA .S. SHARMA__ has attended 3 Days FDP on "Energy Storage Devices : Batteries and Supercapacitors etc." conducted in association with **SPEL Technologies Pvt. Ltd., Pune** from 26ᵗʰ–28ᵗʰ March 2019, organized by Department of Applied Sciences & Humanities under Re-Skilling Program of RGI.

Grade : A+ / A / B / C

Ms. Shubhangi Satdeve
Co-ordinator

Dr. Santosh Kumar
Convener

Mr. Praveen Jangade
Dean, F.Y.B.Tech.

Dr. K. K. Paliwal
Director, GHRCEM

G. H. Raisoni College of Engineering and Management

An Autonomous Institute Affiliated to Savitribai Phule Pune University

Domkhel Road, Wagholi, Pune 412207.

GROUP
beyond —

Department of Applied Sciences & Humanities

Faculty Development Program on

...ergy Storage Devices : Batteries and Supercapacitors e...

SPEL In association w... ...nologies Pvt. Ltd., Pu...

Certificate

...certify that Dr./Mr./Ms. *Mrs. Khalkar Rohini D.* has attended 3 Da...

...storage Devices : Batteries and Supercapacitors etc. " conducted in association with SPEL Techno...

...e from 26ᵗʰ –28ᵗʰ March 2019, organized by Department of Applied Sciences & Humanities under Re-Skill...

Grade : A+

Academic Year 2019-2020 For Teaching Staff				
Sr. No	Name of the Participant	Designation	Title of the FDP/MDP/professional development/administrative training	Dates (from-to) (DD-MM-YYYY)
1	Dr.Swati.S.Godse	HOD	communications skills	14/4/2020 to 17/4/2020
2	Dr.Swati.S.Godse	HOD	Artificial Intelligence	22/5/2020 to 26/5/2020
3	Dr.Swati.S.Godse	HOD	Opportunities & challenges in electronics & allied industies in india post COVID-19	25/5/2020 to 30/5/2020
4	Dr.Swati.S.Godse	HOD	Effective Engineering Teaching in Practice	Jan-Feb 2020

Principal

Dr. T. K. Nagaraj

BHARATI VIDYAPEETH COLLEGE OF ENGINEERING

Sector-7, CBD, Belapur, Near Kharghar Railway Station, Navi Mumbai-400614 www.bvcoenm.edu.in

(Permanently affiliated to M.U Approved by AICTE DELHI and NBA Accredited)

BRAIN O VISION

National Youth Council of India

celebrating

Certificate of Participation

is is to certify that Mr./Ms./Mrs. __Godse Swati Subhash__ has

rticipated in **5-days Online Faculty Development Program** on **Artificial Intelligence** from

nd to 26th May 2020 organised by the Department of Computer Engineering in collaboration with

ational **Youth Council of India** and **Brainovision Solutions India Pvt.Ltd.** setting a proud world

ord with 13000 diligent learners across the nation.

Dr.Datchana Moorthy	**Ganesh Nag Doddi**	**S. B. MANE**	**Dr. D. R. INGLE**	**Dr. S. D. JADHAV**
National Executive President	CEO of Brainovision	Coordinator	HOD & Convener	Principal
National Youth Council of India				

Vivekanand Education Society's Institute of Technology

Hashu Advani Memorial Complex, Collector's Colony, Chembur, Mumbai - 74

Approved by AICTE and Affiliated to University of Mumbai

E-Certificate of Participation

This is to Certify that

Prof. Godse Swati S.

of JSPM'S, BSIOTR, WAGHOLI, PUNE

has attended one week Online Faculty Development Program on

"Opportunities & Challenges in Electronics & Allied Industries in India post COVID-19"

from 25th to 30th May 2020 organized by Department of Electronics Engineering

in association with Institution's Innovation Council (IIC)

of Vivekanand Education Society's Institute of Technology.

VESIT IIC

Dr.(Mrs).Asawari Dudwadkar	Mr.Yogesh Pandit	Dr.(Mrs).T. Rajani Mangala	Mrs.Naveeta Kant	Mrs.Kavita Tewari
Coordinator	Coordinator	Convenor	Deputy H.O.D.	H.O.D.

CS iON | **Digital Learning Hub**
Learn, Share, Collaborate

TATA CONSULTANCY SERVICES

This is to certify that

Swati Godse

has successfully completed

Communication Skills

online course offered by TCS iON

Start Date: 14 Apr 2020 | **End Date:** 16 Apr 2020

Topics:

- Importance of Communication
- Process of Communication
- Barriers to Communication
- Non-Verbal Communication
- Verbal Communication
- Effective Communication
- Summary

CERTIFIED

Cert. ID.: 91206-6825754-1016
Dated: 16 Apr 2020

Head - Learning,
iON Digital Learning Hub

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

Covid-19
Impacted
January 2020
semester
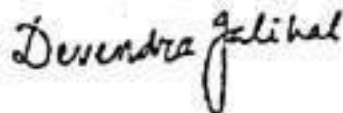
This certificate is awarded to

GODSE SWATI SUBHASH

for passing the course

Effective Engineering Teaching in Practice

with Score* **89** %

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Scanned with OKEN S

Academic Year 2020-2021 For Teaching Staff				
Sr. No	Name of the Participant	Designation	Title of the FDP/MDP/professional development/administrative training	Dates (from-to) (DD-MM-YYYY)
1	Manjusha.S. Patil	Asst. Prof.	Unbox research and Beyond research-what next	28/4/2021 to 5/5/2021
2	Manjusha.S. Patil	Asst. Prof	Recent trends in energy power & system	6/9/2021 to 9/9/2021
3	Manjusha.S. Patil	Asst. Prof	Developing leadership skills for enhancing personal and organizational outcome	13/9/2021 to 17/9/2021
4	Rohini.D.Khalkar	Asst. Prof	Developing leadership skills for enhancing personal and organizational outcome	13/9/2021 to 17/9/2021
5	Manjusha.S. Patil	Asst. Prof	Innovation in electric vehicles, Energy storage and smart grid interaction	13/12/2021 to 17/12/2021

HOD

Dr. Swati Godse

Principal

Dr. T. K. Nagaraj

DPU

Dr. D. Y. Patil Institute of Technology, Pimpri, Pune-18

Department of Instrumentation Engineering
&
Department of Electrical Engineering
in association with
Institution of Engineers (India) (IEI)

E–CERTIFICATE OF COMPLETION

This certifies that

Mrs.Manjusha Sham Patil
JSPM BSIOTR Wagholi Pune

has successfully completed
One Week Online Faculty Development Program on
"Unbox Research and Beyond Research-What Next
From 28 April to 5 May 2021

This is digital certificate and does not require signature.

VIT

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

CHENNAI

Certificate of Participation

This is to certify that .... *Prof.MANJUSHA SHAM PATIL* .... o.
.... *JSPM BSIOTR WAGHOLI PUNE* .... has
participated in the FDP (Faculty Development Program) on "Recent trends in Energy & Power
Systems" organized by the School of Electrical Engineering (SELECT), Vellore Institute of Technology
(VIT), Chennai from 6th September to 9th September 2021.

Dr.S.Angalaeswari
Coordinator

Dr.D.Subbulekshmi
Coordinator

Dr. A Peer Fathima
Professor & Dean/SELECT

VIT – Recognised as Institution of Eminence (IoE) by Government of India
VIT - A place to learn: A chance to grow

Dear Sir/Madam,

Department of Electronics and Communication Engineering, Vidyavardhaka College of Engineering, Mysuru is organizing a **National Level Five-day Online Faculty Development Program** on "**Developing Leadership Skills for Enhancing Personal and Organizational Outcome**" from **13th to 17th September 2021.**

The main objectives of the FDP are:
☒ Cultivating persons/leaders who are motivated and capable of creating positive impact
☒ Stimulate individual & overall growth and foster self-leadership for emerging and established leaders.

VIDYAVARDHAKA COLLEGE OF ENGINEERING

VVCE

Gokulam III stage, Mysuru - 570-002, Karnataka, INDIA
An Autonomous Institute, Accredited by NBA|NAAC with 'A' Grade

Department of Electronics and Communication Engineering

In association with

Dryanam
11ᵗʰ Dimensions
Center of Holistic Development &
Curriculum Enrichment
of
VIHANGAM

CERTIFICATE OF PARTICIPATION

Certificate ID: YSWUNG-CE000119

This certificate is presented to,

Manjusha Sham Patil

for participating in the five day faculty development program on "Developing Leadership Skills for Enhancing Personal and Organizational Outcome" conducted by Department of Electronics and Communication Engineering, VVCE, Mysuru from 13th to 17th September 2021.

Dr. Mangal Hemant Dhend
Founder and Secretary,
Vihangam Techo Holistic Organization

Dr. C. M Patil
Professor & Head,
Dept. of ECE, VVCE

Dr. B Sadashive Gowda
Principal
VVCE Mysuru

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that

Mr. / Ms. Manjusha Sham Patil, Assistant Professor

of JSPM BSIOTR, Pune

has actively participated in Five Days Online Faculty Development Programme (FDP)

on "Innovations in Electric Vehicles, Energy Storage and Smart Grid Interaction"

held from 13-12-2021 to 17-12-2021

Dr. M. Jagadeesh Kumar
Dr. T. Muthamizhan
Co-ordinators

Dr. G. Prakash
HoD/EEE

Dr. K. Palanikumar
Principal

Sai Prakash LeoMuthu
Chairman & CEO
Sairam Institutions

Sri SAI RAM INSTITUTE OF TECHNOLOGY
An Autonomous Institution
West Tambaram, Chennai - 44
www.sairamit.edu.in
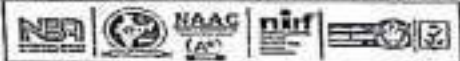
Sr. No	Name of the Participant	Designation	Title of the FDP/MDP/professional development/administrative training	Dates (from-to) (DD-MM-YYYY)
Academic Year 2021-2022 For Teaching Staff				
1	Bhourgunde S.D	Asst. Prof.	Qualitative and Quantatative approches for quality assurance through perforfermance indicators in engineering institutions	5/2/2022 to 10/2/02022
2	Dr.Swati.S.Godse	HOD	Advanced concept of outcomes based education	8/4/2022
3	Manjusha.S. Patil	Asst. Prof.	Recent trends in renewable energy	22/3/2022 to 26/3/2022
4	Vipul.s.bhosale	Asst. Prof.	Current reaserch trends in computer engineering	28/3/2022 to 1/2/2022
5	Dr.Swati.S.Godse	HOD	Current reaserch trends in computer engineering	28/3/2022 to 1/2/2022
6	Dr.Swati.S.Godse	HOD	Mental health and happinees	8/4/2022
7	Vipul.s.bhosale	Asst. Prof.	Mental health and happinees	8/4/2022
8	Nilima Jagtap	Asst. Prof.	Advanced concept of outcomes based education	8/4/2022
9	Nilima Jagtap	Asst. Prof.	Mental health and happinees	8/4/2022
10	Dr. Vishal G. Puranik	Asst. Prof.	Data science using machine learning	2/1/2022 to 6/1/2022
11	Mr. Mohite Vivek	Asst. Prof.	Data science using machine learning	2/1/2022 to 6/1/2022
12	Mr. Mohite Vivek	Asst. Prof.	National intellectual property awareness mission	25/1/2022
13	Mr. Nikhil Guarav	Asst. Prof.	Renewable energy sources and emerging technologies	21/3/2022 to 25/3/2022

14	Mrs. Swati Godse	HOD	National intellectual property awareness mission	25/1/2022
15	Mr. S.D Bhourgunde	Asst. Prof.	National intellectual property awareness mission	25/1/2022

FE HOD

Dr. Swati Godse

Principal

Dr. T. K. Nagaraj

PICT-IQAC NAAC FDP 2022
docs.google.com

Greetings from PICT, Pune!

We are pleased to inform you that we have received overwhelming response to our call for registration to the NAAC-sponsored One Week Online Faculty Development Program on "Qualitative and Quantitative Approaches for Quality Assurance through Performance Indicators in Engineering Institutions" during 2-6 May 2022.

Considering the willingness expressed by a large number of participants to attend this FDP, we have decided to extend the participants number by 20. Registration is free and these seats will be allotted on first-come, first-serve basis.

Society for Computer Technology and Research's

Pune Institute of Computer Technology, Pune

Internal Quality Assurance Cell & Centre for Innovative Teaching Learning

Certificate

This is to certify that

Bhourgunde Sidharam Dharmanna

JSPM's Bhivarabai Sawant Institute of Technololy & Research, wagholi

Participated in National Level One Week Faculty Development Program (Online mode) on
"Qualitative and Quantitative Approaches for Quality Assurance through
Performance Indicators in Engineering Institutions"

organized by PICT-Internal Quality Assurance Cell and Centre of Innovative Teaching Learning

during 2ⁿᵈ to 6ᵗʰ May, 2022.

Sponsored by
NAAC

Dr. Y. Ravinder
Coordiator

Dr. R. Sreemathy
I/c Principal

Dr. P. T. Kulkarni
Director

Society for Computer Technology and Research's

Pune Institute of Computer Technology, Pune

Internal Quality Assurance Cell & Centre for Innovative Teaching Learning

Certificate

Sponsored by
NAAC

Dr. Y. Ravinder
Coordiator

Dr. R. Sreemathy
I/c Principal

Dr. P. T. Kulkarni
Director

Scanned with CamScanner

CERTIFICATE
PROUDLY PRESENTED TO

Swati Godse

FDP on Advanced Concepts of Outcomes-based Education

Apr 8, 2022

Date of Completion

InPods Ed-tech

Organizer

inpods

Manjusha Mam (BSIOTR)

5 Day FDP attend by
Mrs.Manjusha Patil

Organised by
**Marathwada Mitra Mandal's
College of Engineering
Karvenagar, Pune 411052**
(Permanently Affiliated to
SPPU | Accredited with 'A'
grade by NAAC | Recipient of
'Best College' award by SPPU)
| Accredited by National Board
of Accreditation (NBA)

Name -
 National Level Faculty
Development Program
2K22 on Recent Trends in
Renewable Energy
✅**Five Days National Level
faculty Development Program"**

🟢**Start Date:** 22nd March,
2022
🟢**End Date:** 26th March,
2022

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING
Karvenagar, Pune - 52.

Accredited with 'A' Grade by NAAC | Recipient of Best College Award 2019 by SPPU | Permanently affiliated to SPPU
Accredited with NBA (Mech. Engg. & Elect. Engg.) | Recognised under section 2(f) and 12B of UGC Act 1956

Department of Electrical Engineering

National Level Faculty Development Program 2K22

seegreen   STROM ENERGIE PVT. LTD.

Certificate

This certificates is proudly awarded to

Prof. Manjusha Sham Patil

for successfully completing Five days National Level Faculty Development Program on
"Recent Trends in Renewable Energy" organised by Marathwada Mitra Mandal's
College of Engineering, Karvenagar, Pune held during 22nd March to 26th March, 2022.

Prof. A. K. Lohate
Assistant Professor

Prof. S. A. Upasani
Assistant Professor

Dr. V. N. Gohokar
Principal, MMCOE

Dear Madam/ Sir,

Greetings from the Computer Engineering Dept, D Y Patil Institute of Technology, Pimpri

We are pleased to inform you that Computer Engineering Department in Association with Research Cell, organizing

*One week Online Faculty Development Program (FDP) in online mode on "Current Research trends in Computer Engineering".
(28th March to 1st April 2022)

No participation fees

Dr. D. Y. Patil Unitech Society's

Dr. D. Y. Patil Institute of Technology, Pimpri, Pune, 411018

Department of Computer Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that

Mr. Bhosale Vipul Sunil

has attended five days Faculty Development Program(online) on "Current Research Trends in Computer Engineering" held from 28th March 2022 to 1st April 2022 organized by the Department of Computer Engineering in association with research cell, DIT.

Dr. Swati Nikam
Co-convener

Dr. Santosh Chobe
Convener

Dr. Radhika Menon
Associate Dean Research

Dr. Pramod Patil
Principal

DPU

Dr. D. Y. Patil Unitech Society's
Dr. D. Y. Patil Institute of Technology, Pimpri,
Pune, 411018
Department of Computer Engineering

CERTIFICATE

OF PARTICIPATION
This is to certify that

Prof.Dr.Swati S.Godse

has attended five days Faculty Development Program(online) on "Current Research Trends in Computer Engineering" held from 28th March 2022 to 1st April 2022 organized by the Department of Computer Engineering in association with research cell, DIT.

Dr. Swati Nikam	Dr. Santosh Chobe	Dr. Radhika Menon	Dr. Pramod Patil
Co-convener	Convener	Associate Dean Research	Principal

Made for free with Certify'em

Dr. D.Y. Patil Educational Charitable Enterprises Trust's
Dr. D.Y. Patil School of Engineering & Technology
Dr. D.Y. Patil Knowledge City, Charholi (Bk), Lohgaon,
Pune – 412105

CERTIFICATE OF PARTICIPATION

This is to certify that, Prof.Dr.Swati Godse of Institute JSPM'S, BSIOTR, WAGHOLI,PUNE has participated in One Day FDP on "Mental Health and Happiness " organized by the Department of Engineering Sciences at Dr. D.Y. Patil School of Engineering and Technology on 8th April 2022.

Prof. B.Vyas , G.Arya   Dr. P.Deore   Dr. R.Bachute   Dr. N.Shelke   Dr. E.B Khedkar
Co-ordinators   HOD   Vice Principal   Vice Principal   Principal

Certificate ID LJ0ZLE-CE000022

CERTIFICATE OF PARTICIPATION

This is to certify that, Bhosale Vipul Sunil of Institute Bhivarabai Savant Institute of technology and Research has participated in One Day FDP on "Mental Health and Happiness" organized by the Department of Engineering Sciences at Dr. D.Y. Patil School of Engineering and Technology on 8th April 2022.

Prof. B.Vyas , G.Arya
Co-ordinators

Dr. P.Deore
HOD

Dr. R.Bachute
Vice Principal

Dr. N.Shelke
Vice Principal

Dr. E.B Khedkar
Principal

Certificate ID LJ0ZLE-CE000003S

Scanned with CamScanner

CERTIFICATE
PROUDLY PRESENTED TO

Nilima Jagtap

FDP on Advanced Concepts of Outcomes-based Education

Apr 8, 2022

Date of Completion

InPods Ed-tech

Organizer

inpods

Dr. D.Y. Patil Educational Charitable Enterprises Trust's
Dr. D.Y. Patil School of Engineering & Technology
Dr. D.Y. Patil Knowledge City, Charholi (Bk), Lohgaon,
Pune – 412105

CERTIFICATE OF PARTICIPATION

This is to certify that, Nilima Sanjay Jagtap of Institute BSIOTR has participated in One Day FDP on "Mental Health and Happiness " organized by the Department of Engineering Sciences at Dr. D.Y. Patil School of Engineering and Technology on 8th April 2022.

of. B.Vyas , G.Arya
Co-ordinators

Dr. P.Deore
HOD

Dr. R.Bachute
Vice Principal

Dr. N.Shelke
Vice Principal

Dr. E.B Khedkar
Principal

Certificate ID LJOZLE-CE000050

PRAVARA RURAL EDUCATION SOCIETY
PRAVARA RURAL ENGINEERING COLLEGE
LONI

EXCELR
Raising Excellence

CERTIFICATE

OF PARTICIPATION

This is to certify that

Mohite Vivek Ramchandra

participated 5 Day's Online International Level Faculty Development Program on

Data Science using Machine Learning

organized by Pravara Rural Engineering College in Collaboration with ExcelR

Date: 2ⁿᵈ January 2022 to 6ᵗʰ January 2022

Dr. S. M. Gulhane
Principal PREC Loni

Ram Tavva
CEO, ExcelR Solutions

Code: 10399/12012023/EXCELR

EDL
Everyday Learning

PRAVARA RURAL EDUCATION SOCIETY
PRAVARA RURAL ENGINEERING COLLEGE
LONI

EXCELR
Raising Excellence

CERTIFICATE

OF PARTICIPATION

This is to certify that

Dr. Vishal Gangadhar Puranik

participated 5 Day's Online International Level Faculty Development Program on

Data Science using Machine Learning

organized by Pravara Rural Engineering College in Collaboration with ExcelR

Date: 2nd January 2022 to 6th January 2022

Dr. S. M. Gulhane
Principal PREC Loni

Code: 10001/12012023/EXCELR

Ram Tavva
CEO, ExcelR Solutions

Greetings from,

JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune

Research and Development Cell
BSIOTR
Department of Electronics and Telecommunication Engineering
in Association With,
IETE Pune Centre
and Indian Patent and
Trade mark Office, Mumbai
Under aegis of
"National Intellectual Property Awareness Mission(NIPAM)**,Government of India"**
Invites you for a webinar on,

🔷 **Topic: Awareness on Intellectual Property Rights**

🔷 **Date : 25.1.2022**

🔷 **Day: Tuesday**

🔷 **Time: 02.30pm to 04.30pm**

INTELLECTUAL PROPERTY INDIA
PATENTS| DESIGNS| TRADE MARKS
GEOGRAPHICAL INDICATIONS

NiPAM
NATIONAL IP AWARENESS MISSION

Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

CERTIFICATE

This is to certify that, **MR. MOHITE VIVEK RAMCHANDRA** of **JSPMS BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH WAGHOLI PUNE** has successfully participated in IP Awareness/Training program under NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION

on January 25,2022

Organized by

Intellectual Property Office, India

Date:February 25,2022

(RAJENDRA RATNOO, IAS)
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH (NITTTR) KOLKATA

(Established by the Ministry of Education Government of India)

Certificate of Participation

Nikhil Ramesh Gurav

has completed One Week

Short Term Training Programme through ICT Mode on

Renewable Energy Sources and Emerging Technologies

organised by this Institute

from 21st March to 25th March, 2022 successfully.

Smt. Sheela Yadav Rai
Programme Coordinator(s)

Dr. Sukanta Kumar Naskar
Faculty-in-Charge, Training Cell

Prof. Debi Prasad Mishra
Director

Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

CERTIFICATE

This is to certify that, **DR. SWATI GODSE** of **JSPM'S BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH WAGHOLI, PUNE** has successfully participated in IP Awareness/Training program under

NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION

on January 25,2022

Organized by
Intellectual Property Office, India

Date:February 07,2022

(RAJENDRA RATNOO, IAS)
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

INTELLECTUAL PROPERTY INDIA

NiPAM
NATIONAL IP AWARENESS MISSION

Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

CERTIFICATE

This is to certify that, **MR. BHOURGUNDE SIDHARAM DHARMANNA** of **JSPM'S**

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH WAGHOLI,

PUNE has successfully participated in IP Awareness/Training program under
NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION

Azadi ka
Amrit Mahotsav

on January 25,2022

Organized by
Intellectual Property Office, India

Date:February 07,2022

(RAJENDRA RATNOO, IAS)
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

Sr. No	Name of the Participant	Designation	Title of the FDP/MDP/professional development/administrative training	Dates (from-to) (DD-MM-YYYY)
			Academic Year 2022-2023 For Teaching Staff	
1	Mr.A.Thombre	Asst. Prof.	Basic Linear Algebra	20.02.23 to 14.04.23
2	Mr. Sharad Wangdare	Asst. Prof.	Basic Linear Algebra	20.02.23 to 14.04.23
3	Mr. Yogesh Hole	Asst. Prof.	Mechanical Measurement System	23.01.23 to 17.04.23
4	Mrs.G.Santhi Kumari	Asst. Prof.	Essentials of data science with R-Software-I:Probability and statistical Inference	23.01.23 to 17.04.23
5	Mr.Dnyneshwar Magar	Asst. Prof.	Engineering Mathematics-II	23.01.23 to 17.04.23
6	Dr.Swati.S.Godse	HOD	Recent Trends in Advanced Manufacutring Technology	24/04/2023 to 28/04/2023
7	Mrs. Aparna C. Meshram	Asst. Prof.	Recent Trends in Advanced Manufacutring Technology	24/04/2023-28/04/2023
8	Mr.Anil Poshetti	Asst. Prof.	Engineering Graphics	20/02/2023-14/04/2023
9	Mrs. Dakshta Jain	Asst. Prof.	Python in Data Science	15/02/2023 to 9/4/2023
10	Dr. Vishal G. Puranik	Asst. Prof.	Buisiness intelligence in data science	30/01/2023 - 03/02/2023
11	Mr. Mohite Vivek	Asst. Prof.	Buisiness intelligence in data science	30/01/2023 - 03/02/2023
12	Mrs. Namrata F. Mahankale	Asst. Prof.	NPTEL E Awarness	8/2/2023
13	Ms.Priyanka Bhoyar	Asst. Prof.	Outcome Based Pedagogic Principles For Effective Teaching	23.1.23- 07.3.23
14	Mr.Waghmare Namrata	Asst. Prof.	Python in Data Science	15.02.23- 9.4.23
15	Dr.Swati.S.Godse	HOD	Inculcating Universal Human Values in Technical Education	26/12/2022 - 30/12/2022
16	Ms.Priyanka Bhoyar	Asst. Prof.	Inculcating Universal Human Values in Technical Education	26/12/2022 - 30/12/2022

17	Mr. Sharad Wangdare	Asst. Prof.	Inculcating Universal Human Values in Technical Education	26/12/2022 - 30/12/2022
18	Mr.Ashok.Thombre	Asst. Prof.	Inculcating Universal Human Values in Technical Education	26/12/2022 - 30/12/2023
19	Mrs. Aparna C. Meshram	Asst. Prof.	Inculcating Universal Human Values in Technical Education	26/12/2022 - 30/12/2023
20	Mr. Yogesh Hole	Asst. Prof.	Inculcating Universal Human Values in Technical Education	26/12/2022 - 30/12/2023
21	Mrs. Aparna C. Meshram	Asst. Prof.	Concepts of Chemistry for Engineering	July- Oct 2022
22	Dr.Swati.S.Godse	HOD	Selection of nanomaterials for energy harvesting and storage application	July- Aug 2022
23	Bhourgunde Sidharam D.	Asst. Prof.	Mr. Mathematical Methods for Boundary Value Problems	July- Aug 2022

FE HOD   **Principal**

Dr. Swati Godse   **Dr. T. K. Nagaraj**

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

THOMBRE ASHOK ALLAUDDHIN

for successfully completing the course

Basic Linear Algebra

with a consolidated score of **60** %

Online Assignments	15/25	Proctored Exam	45/75

Total number of candidates certified in this course: **543**

Feb-Apr 2023

(8 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IT Bombay

Indian Institute of Technology Bombay

swayam

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SHARAD SHIVAJI WANGDARE

for successfully completing the course

Basic Linear Algebra

with a consolidated score of **50** %

Online Assignments	14.13/25	Proctored Exam	36/75

Total number of candidates certified in this course: **543**

Feb-Apr 2023

(8 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Indian Institute of Technology Bombay

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

HOLE YOGESH ANANDRAO

for successfully completing the course

Mechanical Measurement System

with a consolidated score of **44** %

Online Assignments	11.38/25	Proctored Exam	33/75

Total number of candidates certified in this course: **29**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023

(8 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION
swayam

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SANTHI KUMARI

for successfully completing the course

Essentials of Data Science with R Software - 1: Probability and Statistical Inference

with a consolidated score of **52** %

Online Assignments	17.1/25	Proctored Exam	34.5/75

Total number of candidates certified in this course: **194**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Apr 2023

(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam
FREE ONLINE EDUCATION

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DNYANESHWAR VINAYAK MAGAR

for successfully completing the course

Engineering Mathematics II

with a consolidated score of **57** %

Online Assignments	18/25	Proctored Exam	39/75

Total number of candidates certified in this course: **76**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam
FREE ONLINE EDUCATION

Registration Form for One Week Online Faculty Development Progr...
DY PATIL COLLEGE OF ENGINEERING, A...
docs.google.com

Dear Sir/Madam

Warm Greetings!!

Hope you all are doing good 👍 👍

It gives us immense pleasure to announce that Department of Mechanical Engineering, D Y Patil College of Engineering Akurdi Pune is organizing One Week Faculty Development Program on "Recent Trends in Advanced Manufacturing Technology" from 24th April to 28th April 2023.

Time: 2.00 PM to 4.00 PM

Who can Attend: Faculty Members, Industry Personnel, Research organization Personal, PhD Research Scholars

D.Y. PATIL COLLEGE OF ENGINEERING, AKURDI, PUNE - 44
DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that

Dr.Swati Godse

from

JSPM'S, BSIOTR, WAGHOLI, PUNE

has successfully completed One Week Online FDP on "Recent Trends In Advanced Manufacturing Technology" during 24th April -28th April 2023 organized by Department of Mechanical Engineering D Y Patil College of Engineering, Akurdi, Pune-44 in Association with Association with American Society of Material (ASM) International Pune Chapter.

Dr.P.T.Nitnaware	Mr.Udayan Pathak	Dr.S.S.Sarnobat	Dr.Mrs.P.Malathi
HOD MECH	CHAIRMAN	VICE PRINCIPAL	PRINCIPAL
DYPCOE	ASM PUNE CHAPT	DYPCOE	DYPCOE

D.Y. PATIL COLLEGE OF ENGINEERING, AKURDI, PUNE - 44
DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that

Aparna Meshram

from

Jspm Bsiotr Wagholi campus Pune

has successfully completed One Week Online FDP on "Recent Trends In Advanced Manufacturing Technology" during 24th April -28th April 2023 organized by Department of Mechanical Engineering D Y Patil College of Engineering, Akurdi, Pune-44 in Association with Association with American Society of Material (ASM) International Pune Chapter.

Dr.P.T.Nitnaware	Mr.Udayan Pathak	Dr.S.S.Sarnobat	Dr.Mrs.P.Malathi
HOD MECH	CHAIRMAN	VICE PRINCIPAL	PRINCIPAL
DYPCOE	ASM PUNE CHAPT	DYPCOE	DYPCOE

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ANIL GANGADHAR POSHETTI

for successfully completing the course

Engineering/Architectural Graphics - Part I - Orthographic Projection

with a consolidated score of **56** %

Online Assignments	18.63/25	Proctored Exam	37.09/75

Total number of candidates certified in this course: **56**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Mar 2023

(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

swayam

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DAKSHTA JAIN

for successfully completing the course

Python for Data Science

with a consolidated score of **53** %

Online Assignments	18/25	Proctored Exam	35.25/75

Total number of candidates certified in this course: **4711**

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2023
(4 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

AJEENKYA

DY Patil School of Engineering

Approved by AICTE, Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University, MSBTE

R
World Institutional
RANKING

CERTIFICATE

OF PARTICIPATION

Department of Electronics and Telecommuniction Engineering

This is to certify that

Dr. Vishal Gangadhar Puranik

from

JSPM's Bhivarabai Sawant Institute of Technology and Research Wagholi Pune

has participated in one Week Faculty Development Program on
"Business Intelligence in Data Science"
from 30th January 2023 to 3rd February 2023.

Prof. Shital Patil	Prof. Swati Khawate	Dr. Sharan Inamdar	Dr. Farook B. Sayyad	Dr. Kamaljeet Kaur
(Co-ordinator)	(Co-ordinator)	(HoD, E&TC Engg.)	(Principal)	(Director - TC)

Made for free with Certify'em

AJEENKYA
DY Patil School of Engineering

Approved by AICTE, Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University, MSBTE

CERTIFICATE
OF PARTICIPATION

Department of Electronics and Telecommuniction Engineering

This is to certify that

Mohite Vivek Ramchandra

from

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH WAGHOLI PUNE

has participated in one Week Faculty Development Program on
"Business Intelligence in Data Science"

from 30th January 2023 to 3rd February 2023

Prof. Shital Patil	Prof. Swati Khawate	Dr. Sharan Inamdar	Dr. Farook B. Sayyad	Dr. Kamaljeet Kaur
(Co-ordinator)	(Co-ordinator)	(HoD, E&TC Engg.)	(Principal)	(Director - TC)

Made for free with Certify'em

CERTIFICATE OF PARTICIPATION

NPTEL

This is to certify that

NAMRATA FELIX MAHANKALE

BSIOTR, JSPM WAGHOLI

has participated in the **NPTEL** E-Awareness workshop
on February 08, 2023

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to

MS PRIYANKA BHOYAR

for successfully completing the course

Outcome Based Pedagogic Principles for Effective Teaching

with a consolidated score of **81** %

Online Assignments	19.17/25	Proctored Exam	61.37/75

Total number of candidates certified in this course: **516**

Feb-Mar 2023

(4 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam
FREE ONLINE EDUCATION

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

NAMRATA VIVEK WAGHAMARE

for successfully completing the course

Python for Data Science

with a consolidated score of **53** %

Online Assignments	22.67/25	Proctored Exam	30.75/75

Total number of candidates certified in this course: **4711**

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2023
(4 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam
FREE ONLINE EDUCATION

Dear Sir/Madam,
Invitation for Nomination of Faculty for UGC-AICTE ONLINE FDPs on
Universal Human Values

- To prepare Faculty Mentors for 3 weeks' mandatory Student Induction Program (SIP, Deeksharambh) and
- To prepare Faculty for teaching UHV-II (as recommended by
AICTE in its Model Curriculum)

Each AICTE approved college is expected to prepare a minimum number of
faculty to mentor students and to teach UHV. AICTE is happy to offer free online FDPs for this purpose. Only certified faculty members are eligible to teach the UHV courses. This is mentioned in the Approval Process Handbook also.

In this context, kindly:

Dear all HODs
During the NBA visit you have experienced that faculty members are
required to attend FDPs more than 2-5 days or more than 5 days. This FDP by AICTE can be attended online by our faculty. You are requested
to designate selected faculty from your department to attend the FDP. You are requested to mail the names of the faculty designated to attend the FDP on or before 25/11/2022.
Thank you
-------- Forwarded message --------
From: All India Council for Technical Education(no-reply) <admin@aicte-india.org>
Date: Mon, Nov 21, 2022 at 5:11 PM
Subject: Invitation for Nomination of Faculty in UHV FDPs (ONLINE) to
prepare Faculty Mentors for Student Induction Program (SIP)
To: <principal@jspmbsiotr.edu.in>

In this context, kindly:

Identify suitable faculty members from every department / branch / discipline to be prepared as Faculty Mentors for Student Induction
Program (SIP) and for teaching UHV-II
Provide them duty leave to attend full-time. The FDP is full time 9:30 AM to 5:00 PM with daily assignments

Link for registration:
https://fdp-si.aicte-india.org/verifiedProgramDetailsList.php

UHV INTRODUCTORY FDP for Teaching and Non-Teaching Staff:

- To prepare Faculty Mentors for Student Induction Program (SIP, Deeksharambh)
- ELIGIBILITY: Open for everyone

Link for
https://fdp-si.aicte-india.org/verifiedProgramDetailsList.php

UHV INTRODUCTORY FDP for Teaching and Non-Teaching Staff:

- To prepare Faculty Mentors for Student Induction Program (SIP, Deeksharambh)
- ELIGIBILITY: Open for everyone

1. 5th December to 9th December - English
2. 12th December to 16th December - Hindi
3. 19th December to 23rd December- English
4. 26th December to 30th December- Hindi

AICTE will provide certificates to successful candidates only. (at least 90% attendance, all quizzes, assignments and at least 60% marks

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Dr. Swati Godse from JSPM's Bhivarabai Sawant Institute of Technology and Research, Pune has participated and successfully completed the 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 26th December to 30th December 2022.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Prof. Priyanka Bhoyar from JSPM's Bhivarabai Sawant Institute of Technology and Research, Pune has participated and successfully completed the 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 26th December to 30th December 2022.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Mr. Sharad Shivaji Wangdare from JSPM's Bhivarabai Sawant Institute of Technology and Research, Pune has participated and successfully completed the 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 26th December to 30th December 2022.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Mr. Ashok Allauddhin Thombre from JSPM's Bhivarabai Sawant Institute of Technology and Research, Pune has participated and successfully completed the 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 26th December to 30th December 2022.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Mrs. Aparna Chetan Meshram from JSPM's Bhivarabai Sawant Institute of Technology and Research, Pune has participated and successfully completed the 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 26th December to 30th December 2022.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Mr. Yogesh Anandrao Hole from JSPM's Bhivarabai Sawant Institute of Technology and Research, Pune has participated and successfully completed the 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 26th December to 30th December 2022.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

APARNA CHETAN MESHRAM

for successfully completing the course

Concepts of Chemistry for Engineering

with a consolidated score of **58** %

Online Assignments	19.28/25	Proctored Exam	38.63/75

Total number of candidates certified in this course: **8**

Jul-Oct 2022

(12 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Indian Institute of Technology Bombay

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to

SWATI GODSE

for successfully completing the course

Selection of Nanomaterials for Energy Harvesting and Storage Application

with a consolidated score of **69** %

Online Assignments	22.5/25	Proctored Exam	46.5/75

Total number of candidates certified in this course: **129**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Aug 2022

(4 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION
swayam

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

BHOURGUNDE SIDHARAM DHARMANNA

for successfully completing the course

Mathematical Methods for Boundary Value Problems

with a consolidated score of **57** %

Online Assignments	13/25	Proctored Exam	43.5/75

Total number of candidates certified in this course: **6**

Jul-Aug 2022

(4 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Department of Electronics and Telecommunication Engineering
Academic Year:2018-19

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2018-19	Dr. Yogesh S Angal	Professor	NPTEL Online Certification on Control Engineering	Jan-Mar 2019
2018-19	Dr. Yogesh S Angal	Professor	FDP on PLC s and Automation	21/12/2018
2018-19	Dr. Yogesh S Angal	Professor	5th International Conference for Convergence in Technology 2019	29/03/2019 to 31/03/2019
2018-19	Dr. Yogesh S Angal	Professor	Expert in "AVISHKAR-2018"	14/12/2018
2018-19	Dr. Anil L.Wanare	Professor	NPTEL Workshop	29/11/2018
2018-19	Dr. Anil L.Wanare	Professor	YealinkCertified Video Conferencing Engineer. Certificate valid from 05/03/2019 to 05/02/2021	05/03/2019 to 05/02/2021
2018-19	Mrs.Meenakshi Annamalai	Assistant Professor	Internship Training at S.P.Automation Company, Chakan, Pune	15/05/2019 to 21/05/2019
2018-19	Mrs.Meenakshi Annamalai	Assistant Professor	Workshop on VLSI Design using Verilog HDL	02-02-2019
2018-19	Ms.Rupali S.Rakibe	Assistant Professor	FDP Syllabus Teaching Methodology for VLSI Design & Technology, SPPU , BoS, E&TC Engg Engg. Pune	10-07-2018
2018-19	Ms.Rupali S. Rakibe	Assistant Professor	Workshop on VLSI Design using Verilog HDL	02-02-2019
2018-19	Ms.Rupali S. Rakibe	Assistant Professor	Internship Training at S.P.Automation Company, Chakan, Pune	15/05/2019 to 21/05/2019
2018-19	Mr.Vishal G.Puranik	Assistant Professor	FDP on Embedded Systems & RTOS	12-07-2018
2018-19	Mr.Vishal G.Puranik	Assistant Professor	FDP on Radiation & Microwave Techniques	14/12/2018
2018-19	Mr. Praneet R. Shah	Assistant Professor	Workshop on VLSI Design using Verilog HDL	02-02-2019

JAYAWANT SHIKSHAN PRASARAK MANDAL'S
Bhivarabai Sawant Institute of Technology & Research
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Prof. Dr. T. J. Sawant
Founder Secretary

Dr. T.K. Nagaraj
Principal

Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru
National Board of Accreditation (NBA), New Delhi, Accredited Programs:
Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering

2018-19	Mr. Praneet R. Shah	Assistant Professor	Internship Training at S.P.Automation Company, Chakan, Pune	15/05/2019 to 21/05/2019
2018-19	Ms.Sheetal.S.Dubal	Assistant Professor	FDP on Computer Networks & Security	14/12/2018
2018-19	Ms.Sheetal.S.Dubal	Assistant Professor	FDP on Antenna Design	16/2/2019 to 17/2/2019
2018-19	Ms. Surekha.B.Deokar	Assistant Professor	FDP on Electronics Product Design	13/07/2018
2018-19	Ms. Surekha.B.Deokar	Assistant Professor	FDP on Wireless Sensor Networks	21/12/2018
2018-19	Mr. Tushar V Kafare	Assistant Professor	NPTEL Online Certification on Microcontrollers and Microprocessors	Jan-Mar 2019
2018-19	Mr. Tushar V Kafare	Assistant Professor	Expert Lecture on 4G and 5G Technology	21/01/2019
2018-19	Ms. Prajakta J. Katkar	Assistant Professor	NPTEL Online Certification on Analog Circuits	Jan-Mar 2019
2018-19	All Faculty Members	Assistant Professor	Expert session on Advanced Research	02-07-2019
2018-19	All faculty Members	Assistant Professor	Faculty orienatation Program on Effective utilization of ICT facility towards OBE	17/08/2018

Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through techno-economic development"
Mission: "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship For all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral Standards"

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

DR YOGESH SURESH ANGAL

for successfully completing the course

Control Engineering

with a consolidated score of **40** %

Online Assignments	14.63/25	Proctored Exam	25.75/75

Total number of candidates certified in this course: **856**

Prof. A. Ramesh
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2019
(12 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam
FREE ONLINE EDUCATION

Certificate
OF PARTICIPATION

PRESENTED TO

Anil Wanare

JSPM BSIOTR, Wagholi

FOR PARTICIPATION IN THE NPTEL WORKSHOP CONDUCTED ON

29th NOV 2018 BY IIT MADRAS, AT MIT Academy

Of Engineering, Alandi, Pune

PROF. ANDREW THANGARAJ
COORDINATOR, NPTEL IIT MADRAS

Yealink

Certified Video Conferencing Engineer

This Certificate is awarded by Yealink to certify that

Mr. Anil Wanare

has successfully completed the requisite course, and demonstrated
the technical skill required to be awarded the status of

Yealink Certified Video Conferencing Engineer

Effective Date: Mar. 05, 2019 - Feb. 05, 2021

For and on Behalf of

YEALINK NETWORK TECHNOLOGY CO., LTD.

Name / Signature: _Stonelu_ink

S. P. AUTOMATION

Off. No.27 Mega Centre Pune - Nashik Road, Balajinagar Corner Medankarwadi Chakan Pune. 410501
● Mobile : - 09822519239   ● E-mail :- spautomation@yahoo.com

Ref.No :-   Date :-   /   /

Date: 21/05/2019

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Prof. **MEENAKSHI ANNAMALAI** working as an Assistant Professor in Department of Electronics and Telecommunication, JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune has successfully completed one week (15/05/2019 to 21/05/2019) internship programme at this **SP AUTOMATION Company**. During the period of her internship programme with us she was found punctual, hardworking and inquisitive.

We wish her every success in life.

For S. P. AUTOMATION

Authorized signature

Proprietor

MAVEN SILICON

This is to certify that

MEENAKSHI ANNAMALAI

has successfully completed

VLSI Design using Verilog HDL - Workshop

on **2nd** day of **February 2019**

Sivakumar P R
CEO, Maven Silicon

MAVEN SILICON SOFTECH PVT LTD · BANGALORE
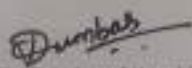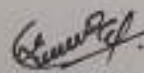
Faculty Orientation Workshop
B.E. (E&TC) Revised Syllabus 2015 Course
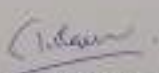
Subject: VLSI Design & Technology
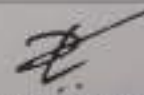
Certificate

Dr / Mr / Mrs _R.B. Rakibe_ of _J.S.P.M.S Wagholi_ has attended Faculty Orientation Workshop on B.E. (E&TC) revised syllabus 2015 course under the aegis of Board of Studies (E&TC), Savitribai Phule Pune University, organized by E&TC Dept., Pimpri Chinchwad College of Engineering & Research, Pune on 10th July 2018.

Prof. Vijayalaxmi Kumbhar	Prof. Dr. Rahul Mapari	Dr. Harish Tiwari	Dr. D. S. Bormane	Dr. V. B. Gaikwad
Coordinator	HoD, E&TC	Principal	Coordinator, BoS E&TC	Dean, Faculty of Science & Technology
	PCCOER, Ravet, Pune	PCCOER, Ravet, Pune	SPPU, Pune	SPPU, Pune

Department of Electronics and Telecommunication Engineering
Academic Year:2019-20

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2019-20	Dr. Yogesh S Angal	Professor	FDP on Current Trends in Industry	02/05/2020 to 08/05/2020
2019-20	Dr. Yogesh S Angal	Professor	One Week FDP on ARDUINO IIT B Spoken Tutorial	25/04/2020 to 30/04/2020.
2019-20	Dr. Yogesh S Angal	Professor	One Week FDP on Python 3.4.3 IIT B Spoken Tutorial	20/04/2020 to 25/04/2020
2019-20	Dr. Yogesh S Angal	Professor	One Week FDP on SCILAB IIT B Spoken Tutorial	11/05/2020 to 15/05/2020
2019-20	Dr. Yogesh S Angal	Professor	Five Days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Dr. Yogesh S Angal	Professor	One Week FDP on SCILAB IIT B Spoken Tutorial	18/05/2020 to 22/05/2020
2019-20	Dr. Yogesh S Angal	Professor	FDP on Innovative Teaching Pedalogy in Technical Institutions	01/06/2020 to 05/06/2020
2019-20	Dr. Yogesh S Angal	Professor	Five days National Level FDP on Recent Trends in Mechatronics and Automation	30/06/2020 to 04/06/2020
2019-20	Dr. Anil L.Wanare	Professor	YealinkCertified Video Conferencing Engineer. Certificate valid from 05/03/2019 to 05/02/2021	05/03/2019 to 05/02/2021
2019-20	Dr. Anil L.Wanare	Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Dr. Anil L.Wanare	Professor	Introduction to Forensic Science and Digital & Cyber Forensics	15.05.2020 to 19.05.2020
2019-20	Dr. Anil L.Wanare	Professor	NPTEL Online Certification on Accreditation and Outcome based Learning	Aug-Oct 2019
2019-20	Dr. Anil L.Wanare	Professor	Introduction to 5G Technology	17/05/2020
2019-20	Dr. Anil L.Wanare	Professor	One day National seminar on Innovative and Best Practices in higher education	26/07/2019

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Dr. T.K. Nagaraj
Principal

Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru
National Board of Accreditation (NBA), New Delhi. Accredited Program:
Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering

2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	NPTEL Online Certification on Python on Data Science	Jan-Feb 2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Climbing the Ladder of Education System Through Innovation & E- Learning Tools	04/05/2020 to 09/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on eSim IIT B Spoken Tutorial	05/05/2020 to 09/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on Linux and Ubuntu IIT B Spoken Tutorial	04/05/2020 to 10/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	07/05/2020 to 13/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Discover Techniques and End-to-End System of 5G Networks Virtual Event	01-05-2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Emotional Well being at work(Psychology of Emotional Intelligence)	05-05-2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Cisco collaboration and Cloud	10-05-2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Intelluctual Property Rights	13/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	18/05/2020 to 22/05/2020
2019-20	Mrs.Meenakshi Annamalai	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	21/05/2020 to 26/05/2020
2019-20	Mr. Yogesh S. Bahendwar	Assistant Professor	Digital Circuits	22/06/2020 to 26/06/2020.
2019-20	Mr. Yogesh S. Bahendwar	Assistant Professor	Smart bus management for student safety and security	06-06-2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	Climbing the Ladder of Education System Through Innovation & E- Learning Tools	04/05/2020 to 09/05/2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	FDP on Linux and Ubuntu	04/05/2020 to 10/05/2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	07/05/2020 to 13/05/2020

JAYAWANT SHIKSHAN PRASARAK MANDAL's
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Gat No. 7191 & 2, Wagholi, Pune-Nagar Road, Pune-412207

Prof. Dr. T. J. Sawant
B.E. (Elec.) FIEM, Ph.B
Founder Secretary

Dr. T.K. Nagaraj
Principal

Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru
National Board of Accreditation (NBA), New Delhi. Accredited Program:
Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering

2019-20	Ms.Rupali S. Rakibe	Assistant Professor	Discover Techniques and End-to-End System of 5G Networks Virtual Event	01-05-2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	Intelluctual Property Rights	07-05-2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	Cisco collaboration and Cloud	10-05-2020
2019-20	Ms.Rupali S. Rakibe	Assistant Professor	NPTEL Online Certification on Python on Data Science	Jan-Feb 2020
2019-20	Ms. Surekha.B.Deokar	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Ms. Surekha.B.Deokar	Assistant Professor	Webinar on "Cisco collaboration and Cloud"	05-10-2020
2019-20	Ms. Surekha.B.Deokar	Assistant Professor	Five days FDP on 'Drupal' IIT B Spoken Tutorial	30/04/2020 to 07/05/2020
2019-20	Ms. Surekha.B.Deokar	Assistant Professor	NPTEL Online Certification on Python on Data Science	Jan-Feb 2020
2019-20	Ms. Surekha.B.Deokar	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Mr. Tushar V Kafare	Assistant Professor	FDP on Linux and Ubuntu	04/05/2020 to 10/05/2020
2019-20	Mr. Tushar V Kafare	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Mr. Tushar V Kafare	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Mr. Tushar V Kafare	Assistant Professor	Android App Development	04/05/2020 to 10/05/2020
2019-20	Mr. Tushar V Kafare	Assistant Professor	Five days FDP on ARDUINO IIT B Spoken Tutorial	25/04/2020 to 30/04/2020.
2019-20	Mr. Tushar V Kafare	Assistant Professor	CATIA Workshop	10/04/2020 to 20/04/2020
2019-20	Mr. Tushar V Kafare	Assistant Professor	PLC	23/04/2020 to 28/04/2020
2019-20	Mr. Tushar V Kafare	Assistant Professor	Industrial Automation 4.0	23/04/2020 to 28/04/2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	Cisco collaboration and Cloud	10-05-2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	Need of Cyber Security Skills and Job Opportunites	15/05/2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020

JAYAWANT SHIKSHAN PRASARAK MANDAL's
Bhivarabai Sawant Institute of Technology & Research
(Approved by AICTE New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)
Gat No. 7191 & 2, Wagholi, Pune-Nagar Road, Pune-412207

Prof. Dr. T. J. Sawant
B.E. (Elec.) FIEM, Ph.D
Founder Secretary

Dr. T.K. Nagaraj
Principal

Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru
National Board of Accreditation (NBA), New Delhi. Accredited Programs:
Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering

2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	FDP on Arduino IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	FDP on Arduino IIT B Spoken Tutorial	25/04/2020 to 30/04/2020.
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	FDP on Arduino IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	FDP on Latex IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	Data Structures	22/06/2020 to 26/06/2020.
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	LaTeX test IIT B Spoken Tutorial	04-05-2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	Global Alumni Symposium Session III Opportunities for E&TC in IT	16/08/2020
2019-20	Mr. Dnyaneshwar.D. Khairnar	Assistant Professor	How to Conduct Virtual Labs	24/06/2020.
2019-20	Ms.Sheetal.S.Dubal	Assistant Professor	Programming through C++	Jan to April 2020
2019-20	Ms.Sheetal.S.Dubal	Assistant Professor	Five days FDP on Python 3.4.3 IIT B Spoken Tutorial	25/04/2020 to 30/04/2020
2019-20	Ms.Sheetal.S.Dubal	Assistant Professor	Five days FDP on Moodle Test for Teachers IIT B Spoken Tutorial	28/04/2020 to 02/05/2020
2019-20	Ms.Sheetal.S.Dubal	Assistant Professor	FDP on LINUX IIT B Spoken Tutorial	04/05/2020 to 10/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Cisco collaboration and Cloud	10-05-2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on Latex IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on ARDUINO IIT B Spoken Tutorial	25/04/2020 to 30/04/2020.
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Faculty Awareness Programme on National Assesment and Accreditation Council	10/05/2020 to 15/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on Latex	20/04/2020 to 27/04/2020

JAYAWANT SHIKSHAN PRASARAK MANDAL's
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B.E. (Elec.) MBBM, Ph.B
Founder Secretary

Dr. T.K. Nagaraj
Principal

Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru
National Board of Accreditation (NBA), New Delhi. Accredited Program:
Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering

2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on "Python 3.4.3" IIT B Spoken Tutorial	01/05/2020 to 05/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on Latex IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on SCILAB IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on JAVA Training IIT B Spoken Tutorial	04/05/2020 to 10/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on Linux and Ubuntu IIT B Spoken Tutorial	04/05/2020 to 10/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on Python 3.4.3 IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on RDBMS Postgre SQL Training	30/04/2020 to 04/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	NAAC Awareness Programme for Faculty	08/05/2020 to 14/05/2020.
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on Moodle Test for Teachers IIT B Spoken Tutorial	02/04/2020 to 08/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on R Programming IIT B Spoken Tutorial	02/04/2020 to 06/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on Java Business Application IIT B Spoken Tutorial	27/04/2020 to 01/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on Python 3.4.3 IIT B Spoken Tutorial	30/04/2020 to 04/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	Five days FDP on ARDUINO IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on Advanced CPP Training	30/04/2020 to 04/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on Arduino IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on JAVA Training IIT B Spoken Tutorial	28/04/2020 to 02/05/2020
2019-20	Ms. Prajakta J. Katkar	Assistant Professor	FDP on Latex IIT B Spoken Tutorial	29/04/2020 to 03/05/2020
2019-20	Mr.Vishal G.Puranik	Assistant Professor	Five days FDP on ARDUINO IIT B Spoken Tutorial	25/04/2020 to 30/04/2020.
2019-20	Mr.Vishal G.Puranik	Assistant Professor	Cisco collaboration and Cloud	10-05-2020
2019-20	Mr.Vishal G.Puranik	Assistant Professor	4G/ 5G and beyond	22/05/2020

JAYAWANT SHIKSHAN PRASARAK MANDAL's
Bhivarabai Sawant Institute of Technology & Research
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Founder Secretary

Dr. T.K. Nagaraj
Principal

Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru
National Board of Accreditation (NBA), New Delhi. Accredited Programs:
Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering

2019-20	Mr.Vishal G.Puranik	Assistant Professor	BOSS LINUX 3.4.2 OS	25/04/2020 to 01/05/2020
2019-20	Mr.Vishal G.Puranik	Assistant Professor	Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation	02-05-2020
2019-20	Mr.Vishal G.Puranik	Assistant Professor	An effective paper writing skills	13/04/2020 to 16/04/2020
2019-20	Mr.Vishal G.Puranik	Assistant Professor	FDP on Recent Trends in Technology & Digital Education	25/04/2020 to 30/04/2020.
2019-20	Mr.Dilip S.Bhosale	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	04/05/2020 to 08/05/2020
2019-20	Mr.Dilip S.Bhosale	Assistant Professor	Five days FDP on SCILAB IIT B Spoken Tutorial	11/05/2020 to 15/05/2020
2019-20	Mr.Dilip S.Bhosale	Assistant Professor	Antenna Design Through Simulation Using TaraNG :19.1	04/05/2020 to 08/05/2020
2019-20	Mr.Dilip S.Bhosale	Assistant Professor	STTP on METLAB based Teaching Learning in Mathematics, Scirence and Engineering	18/05/2020 to 23/05/2020
2019-20	Mr.Dilip S.Bhosale	Assistant Professor	Cisco collaboration and Cloud	10-05-2020
2019-20	Ms.P.riya D..Shimpi	Assistant Professor	NPTEL Online Certification on Introduction to programming in C	July-sept 2019
2019-20	Ms.P.riya D..Shimpi	Assistant Professor	Python 3.4.3	20/04/2020 to 25/04/2020

Dr. S Angal
HOD E&TC BSIOTR
H. O. D.
Electronics & Telecommunication Dep.
Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune- 412 207

JSPM'S

Rajarshi Shahu College of Engineering, Tathawade, Pune.

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Approved by AICTE, Accredited by NBA, Accredited by NAAC with "A" grade

Website: www.jspmrscoe.edu

Department of E&TC Engineering

Organized

One Week Faculty Development Program on "ARDUINO"

In Association with ISTE Student Chapter And Spoken Tutorial, IIT Bombay

Certificate of Participation

This is to certify that **Dr. Yogesh Angal** From JSPM's Bsiotr, Wagholi, Pune has attended One week Faculty Development Program on "ARDUINO" in E&TC Engineering Department from 25/o4/2020 to 30/04/2020.

Prof. Mrs. K. V. Fale
Coordinator

Dr. A. N. Paithane
Coordinator

Dr. B.D. Jadhav
HOD E&TC Dept.

Dr. R. K. Jain
Principal

DPU

Dr.D.Y.Patil Institute Of Technology,Pimpri,Pune-411018.
Department Of Electronics & Telecommunication,Student Chapters.

CERTIFICATE OF PARTICIATION

IS PRESENTED TO

Dr. Anil Laxman Wanare

For Particiating in the Webinar
"INTODUCTION TO 5G TECHNOLOGY"

On the occassion of "World Telecommunication & Information
Society Day"

DATE: 17th MAY , 2020

ABHIJIT V. SHINDE	Dr. DEEPALI SALE	Dr. S.R.JOG	Dr. PRAMOD PATIL
ASST. PROFESSOR,E&TC	ASSOC.PROFESSOR,E&TC	HOD,E&TC	PRINCIPAL
DIT	DIT	DIT	DIT

Pimpri Chinchwad Education Trust's

Pimpri Chinchwad College of Engineering
Nigdi, Pune-411044

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Powered by
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Development, Government of India.

Department of Electronics and Telecommunication

Organized

One Week Faculty Development Programme on "Scilab"

In association with Spoken Tutorial, IIT Bombay

'E-Certificate' of Participation

This is to certify that Mr./Mrs./Miss. Meenakshi Annamalai

From Jspm's Bhivarabai Sawant Institute Of Technology & has participated

in **One Week Faculty Development Programme on "Scilab"** organized

by Pimpri Chinchwad College of Engineering Nigdi, Pune-411044 during

21st May 2020 to 26th May 2020.

Mr. P. V. Sontakke	Mr. S. S. Ayane	Dr. M. T. Kolte	Dr. N. B. Chopade
(Organizer)	(Organizer)	(HOD, E&TC Dept.)	(Principal, PCCOE)

Loknete Dr.Balasaheb Vikhe Patil (Padma Bhushan Awardee)

Pravara Rural Education Society's

SIR VISVESVARAYA INSTITUTE OF TECHNOLOGY, Nashik

DEPARTMENT OF INFORMATION TECHNOLOGY

Certificate of Appreciation

This certificate declares that

Meenakshi Annamalài

has participated and completed One Week Online Faculty Development Programme on **"Climbing the Ladder of Education System Through Innovation & E- Learning Tools "** from 04.05.2020 to 09.05.2020 organized by Information Technology Department.

Certificate ID GTDCDS-CE000263

Ms. Sweety G Jachak
FDP Coordinator

Mr. Rushikesh S. Bhalerao
HoD IT

Prof.(Dr.) Y. R. Kharde
Principal

Webinar on
"Cisco collaboration and Cloud"

Certificate of Participation

This is to certify that Ms/Mr. **Meenakshi Annamalai** *has participated in Webinar on* **" Cisco collaboration and Cloud "** *conducted on* **10th May 2020,** *organized by Department of Electronics and Telecommunication Engineeering, at JSPM's BSIOTR,Wagholi, Pune-412207.*

weoınar Coordinator   **HOD E&TC**   **Principal BSIOTR**

TBM5GA-CE000015

CERTIFICATE OF COMPLETION

DPES
Dhole Patil Education Society

A+ NAAC

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IPR Cluster

in Association with

Dhole Patil Education Society's

Dhole Patil College of Engineering, Wagholi, Pune

This is to certify that

MEENAKSHI ANNAMALAI

has successfully attended Webinar on
INTELLECTUAL PROPERTY RIGHTS- ALL YOU MUST KNOW
ABOUT IP WITH FOCUS ON PATENT

on 13 May 2020

JYOTIRAMAN DE
Founder, IPR Cluster
Patent Agent & Start-up
Facilitator, IPO
www.iprcluster.com

PROF. RATNADIP BHORGE
Coordinator, DPCOE

PROF. S. S. ALLURKAR
HOD, Automobile
Engineering, DPCOE

DR. NIHAR WALIMBE
Principal, DPCOE

Certificate No.: IPRC_DPCOEMAY20035

Yealink

Certified Video Conferencing Engineer

This Certificate is awarded by Yealink to certify that

Mr. Anil Wanare

has successfully completed the requisite course, and demonstrated
the technical skill required to be awarded the status of

Yealink Certified Video Conferencing Engineer

Effective Date: Mar. 05, 2019 - Feb. 05, 2021

For and on Behalf of
YEALINK NETWORK TECHNOLOGY CO., LTD.

Name / Signature: _Stonelu_ link

Dr.D.Y.Patil Institute of Engineering, Management and Research,Akurdi,Pune.

Department of Electronics & Telecommunication Engineering

Certificate of Participation

This is to certify that **Mr./Ms./Mrs. Dr Yogesh Suresh Angal** has participated in 5-Days Faculty Development Program on **"Current Trends in Industry"** organized by Department of Electronics and Telecommunication Engineering from 02 to 08 May, 2020 in association with eMaestro Technologies, Pune

Mrs Shweta Suryawanshi

Coordinator

Mrs Sumedha Sahstrabuddhe

Director,e-MAESTRO Technologies, Pune

Mrs Priya Charles

HOD E&TC

Dr.Mrs. A.V.patil

Principal, DYPIEMR

Mahatma Education Society's

Pillai College of Engineering

Dr. K. M. Vasudevan Pillai Campus, Sector 16, New Panvel, 410206

Certificate of Completion

This is to certify that

DR YOGESH ANGAL

from *JSPM's Bhivarabai Sawant Institute of Technology and Research, Pune*
had completed One Week Faculty Development Program on

"SCILAB"

from **11th May to 15th May, 2020** held remotely by
Pillai College of Engineering, New Panvel.

Prof. Archana Ingole
Coordinator

Prof. Suchitra Patil
Coordinator

Dr. Sandeep M. Joshi
Principal

AISSMS

INSTITUTE OF INFORMATION TECHNOLOGY

Affiliated to Savitribai Phule Pune University, Approved by AICTE,
New Delhi and Recognised by Govt. of Maharashtra
(ID No. PU/PN/ENGG/124/1998)
Accredited by NAAC with 'A' Grade

Spoken Tutorial

Scilab

Certificate of Participation

This is to certify that Dr. Yogesh Suresh Angal from JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune has successfully completed "Five Days Online Faculty Development Program on SCILAB", organised by All India Shri Shivaji Memorial Society's Institute of Information Technology (AISSMS IOIT), Pune, from Monday, 4 May 2020 to Friday, 8 May 2020, in association with IIT Bombay Spoken-Tutorial.

UoP
id. No.
PU/PN/Engg
124/1998

Dr. P. B. Mane
Principal

Certificate of Participation

This is to certify that **Anil Laxman Wanare** from **JSPM BSIOTR PUNE** has successfully completed **"Five Days Online Faculty Development Program on SCILAB"**, organised by All India Shri Shivaji Memorial Society's Institute of Information Technology (AISSMS IOIT), Pune, from Monday, 4 May 2020 to Friday, 8 May 2020, in association with IIT Bombay Spoken-Tutorial.

Dr. P. B. Mane
Principal

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, https://nptel.ac.in/noc/

Roll No: NPTEL19GE18S62011262

To
ANIL WANARE
2/11 RMC GARDEN PHASE I BAIF ROAD
WAGHOLI PUNE
PUNE
MAHARASHTRA
412207
PH. NO :7350008708

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

ANIL WANARE

for successfully completing the course

Accreditation and Outcome Based Learning

with a consolidated score of **62** %

Online Assignments	13.42/25	Proctored Exam	48.75/75

Total number of candidates certified in this course: **2250**

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Aug-Oct 2019
(8 week course)

Indian Institute of Technology Kharagpur

swayam
FREE ONLINE EDUCATION

NAGPUR INSTITUTE OF TECHNOLOGY, NAGPUR
(Accredited by NAAC)

Department of Information Technology

In Association With

Department of Forensic Science
GOVERNMENT INSTITUTE OF FORENSIC SCIENCE, NAGPUR

Organizes
One-Week (Online) Faculty Development Program
on

"Introduction to Forensic Science and Digital & Cyber Forensics"
15.05.2020 to 19.05.2020

CERTIFICATE

Anil Laxman Wanare

This is to certify that Dr./ Mr./ Mrs./ Ms. _____

has participated in the one-week Faculty Development Program from 15th May 2020 To

19th May 2020.

Prof. Jagdish Pimple
Head &Asst. Professor
Department of IT, NIT
Nagpur

Shri Ashish Badiye
Resource Person
Head & Asst. Professor
Department of Forensic Science
Govt. Institute of Forensic Science, Nagpur

Dr. Amol Deshmukh
Principal
Nagpur Institute of Technology
Nagpur

Sinhgad Technical Education Society's

Sinhgad Academy of Engineering

S.No.44/4 A Kondhwa-Saswad Road, Kondhwa(Bk) Pune 411048.

NAAC Accredited With Grade - "A"

Spoken Tutorial

Certificate of Participation

This is to certify that

Prof. Rupali Rakibe

Has successfully completed **One Week** Online **Faculty Development Program** on **LINUX** organized by

Department of Electronics and Telecommunication Engineering, Sinhgad Academy of Engineering,

Kondhwa(Bk), Pune-48 from 4th May to 10th May 2020 **in association with IIT Bombay Spoken Tutorial**,

funded by National Mission on Education through **ICT, MHRD, Government of India .**

Prof.A.B.Ingole
Co-ordinator

Dr.K.M.Gaikwad
H.O.D & Vice-Principal

Dr.K.P.Patil
Principal

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, https://nptel.ac.in/noc/

Roll No: NPTEL20CS36S1293627

To
MEENAKSHI ANNAMALAI
BHIVARABAI SAWANT INSTITUTE OF
TECHNOLOGY & RESEARCH, GAT NO. 7202,
NAGAR ROAD,
WAGHOLI
PUNE
MAHARASHTRA - 412207
PH. NO:7798847035

No. of credits recommended by NPTEL:1
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

Covid-19
impacted
January 2020
semester

This certificate is awarded to

MEENAKSHI ANNAMALAI

for passing the course

Python for Data Science

with Score* **75** %

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

*Continuous online assessment score

To validate and check scores: https://nptel.ac.in/noc

Spoken Tutorial

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Prof. Meenakshi Annamalai

has successfully completed One Week Online Faculty Development Program on **"Scilab"** with course material provided by the Talk To A Teacher project at IIT Bombay organised under **Spoken Tutorial Project, IIT Bombay, funded by NMEICT, MHRD, Govt. of India** from

18th May 2020 to 22nd May 2020

remotely organized by the **Department of Electronics and Telecommunication Engineering, Pune Vidyarthi Griha's College of Engineering and Technology, Pune.**

Dr. Mrs. M. P. Atre
Coordinator

Prof. S. R. Jaybhaye
Coordinator

Dr. Y. B. Thakare
Convenor, HOD ENTC

Prof. U. M. Kalshetti
Spoken Tutorial
Coordinator

Dr. Kalyani Kulkarni,
Incharge Principal,
PVG's COET, Pune

SINHGAD TECHNICAL EDUCATION SOCIETY'S

Sinhgad College of Engineering, Pune-411041

Department of Electronics and Telecommunication

Spoken Tutorial

CERTIFICATE OF PARTICIPATION

This is to certify that **RUPALI RAKIBE**

Participated in *One Week Online Faculty Development Program* on **"Scilab"** organised at **Sinhgad College of Engineering, Vadgaon (Bk), Pune** in association with **Spoken Tutorial Project, IIT Bombay** during 29th April 2020 to 4th May 2020.

Prof. S. S. Salve
Organizer

Prof. N. G. Bhojne
Institute Coordinator

Dr. M. B. Mali
Convener

Dr. S. D. Lokhande
Principal

Pune Vidyarthi Griha's
College of Engineering and Technology, Pune

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Prof. Yogesh Angal

has successfully completed One Week Online Faculty Development Program on **"Scilab"** with course material provided by the Talk To A Teacher project at IIT Bombay organised under **Spoken Tutorial Project, IIT Bombay, funded by NMEICT, MHRD, Govt. of India** from

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Coordinator

Prof. S. R. Jaybhaye
Coordinator

Dr. Y. B. Thakare
Convenor, HOD ENTC

Prof. U. M. Kalshetti
Spoken Tutorial
Coordinator

Dr. Kalyani Kulkarni,
Incharge Principal,
PVG's COET, Pune

Certificate of Appreciation

This certificate declares that

RUPALI SOMNATH RAKIBE

has participated and completed One Week Online Faculty Development Programme on **"Climbing the Ladder of Education System Through Innovation & E- Learning Tools "** from 04.05.2020 to 09.05.2020 organized by Information Technology Department.

Certificate ID GTDCDS-CE000259

Ms. Sweety G Jachak
FDP Coordinator

Mr. Rushikesh S. Bhalerao
HoD IT

Prof.(Dr.) Y. R. Kharde
Principal

CERTIFICATE OF COMPLETION

IPR Cluster

in Association with

Dhole Patil Education Society's

Dhole Patil College of Engineering, Wagholi, Pune

This is to certify that

RUPALI SOMNATH RAKIBE

has successfully attended Webinar on
INTELLECTUAL PROPERTY RIGHTS- ALL YOU MUST KNOW
ABOUT IP WITH FOCUS ON PATENT

on 13 May 2020

JYOTIRAMAN DE
Founder, IPR Cluster
Patent Agent & Start-up
Facilitator, IPO
www.iprcluster.com

PROF. RATNADIP BHORGE
Coordinator, DPCOE

PROF. S. S. ALLURKAR
HOD, Automobile
Engineering, DPCOE

DR. NIHAR WALIMBE
Principal, DPCOE

Certificate No.: IPRC_DPCOEMAY20207

DPES
Dhole Patil Education Society

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Webinar on
"Cisco collaboration and Cloud"

Certificate of Participation

This is to certify that Ms/Mr. **RUPALI SOMNATH RAKIBE** *has participated in Webinar on* **" Cisco collaboration and Cloud "** *conducted on* **10th May 2020,** *organized by Department of Electronics and Telecommunication Engineeering, at JSPM's BSIOTR,Wagholi, Pune-412207.*

webinar Coordinator

HOD E&TC

Principal BSIOTR

TBM5GA-CE000013

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Spoken Tutorial

Scilab

Certificate of Participation

This is to certify that **RUPALI SOMNATH RAKIBE** from JSPM's Bhivarabai Sawant Institute of Technology and Research Wagholi, Pune has successfully completed "Five Days Online Faculty Development Program on SCILAB", organised by All India Shri Shivaji Memorial Society's Institute of Information Technology (AISSMS IOIT), Pune, from Monday, 4 May 2020 to Friday, 8 May 2020, in association with IIT Bombay Spoken-Tutorial.

UoP
id. No.
PU/PN/Engg
124/1998

Dr. P. B. Mane
Principal

Certificate of Participation

This Certificate is awarded to
Meenakshi Annamalai

From
JSPM's Bhivarabai Sawant Institute of Technology and Research

For Participation in the Session on
"EMOTIONAL WELL BEING AT WORK.
(Psychology of Emotional Intelligence)"
held on 05th May 2020.
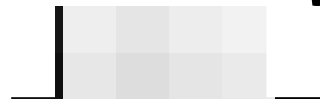
Mr. Neel Ramesh
Facilitator, Business Coach & Co Founder - ABLE, ITHIEL

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the
certificate from the NPTEL repository, https://nptel.ac.in/noc/

Roll No: NPTEL20CS36S1072062

To
DEOKAR SUREKHA BALKRISHNA
B608, UMANG PRIMERE , IVY ESTATE
WAGHOLI
PUNE
MAHARASHTRA - 412207
PH. NO :8999778013

No. of credits recommended by NPTEL:1
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

DEOKAR SUREKHA BALKRISHNA

for passing the course

Python for Data Science

with Score* **74** %

Covid-19
impacted
January 2020
semester

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

*Continuous online assessment score

To validate and check scores: https://nptel.ac.in/noc

MIT Polytechnic

**Survey No. 124, MIT College Campus, Ex-Serviceman Colony,
Paud Road, Kothrud, Pune 411038
ISO 9000:2015 Certified Institute**

Surekha Deokar

From
JSPM BSIOTR, Wagholi

has participated in **One week Online Faculty Development Program on Drupal** organized by Department of Information Technology, **MAEER's MIT Polytechnic, Pune** from 30th April to 7th May, 2020 in association with Spoken Tutorial Project, **IIT Bombay**, funded by **National Mission on Education through ICT, MHRD, Govt. of India**

Mrs. Pallavi Nehete	**Mrs. Kranti Kolambe**	**Mrs. Mrunal Fatangare**	**Dr. Sunil Karad**	**Dr. Rohini Kale**
Organizer	Organizer	Organizer / HOD (IT)	Academic Coordinator	Principal

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY & RESEARCH, WAGHOLI, PUNE-412207 (BSIOTR)

(Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra & Affiliated to Savitribai Phule Pune University)

Accredited with B++ by NAAC

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Webinar on
"Cisco collaboration and Cloud"

Certificate of Participation

This is to certify that Ms/Mr. **Surekha Balkrishna Deokar** has participated in Webinar on **" Cisco collaboration and Cloud "** conducted on **10th May 2020,** organized by Department of Electronics and Telecommunication Engineeering, at JSPM's BSIOTR, Wagholi, Pune-412207.

webinar Coordinator　　　　　　　　　　**HOD E&TC**　　　　　　　　　　**Principal BSIOTR**

TBM5GA-CE000023

SANDIP
FOUNDATION

AppTronix
Technologies
Let's be innovative

CERTIFICATE *Of* PARTICIPATION

This Certificate is presented to

Tushar Vaman Kafare

of

JSPM's Bhivrabai Sawant Institute of Technology and Research, Wagholi, Pune.

for participating in 7 Days Course on Android Apps Development conducted by Apptronix Technologies in collaboration with Sandip Institute Of Engineering & Management - Nashik – Maharashtra from 4th May 2020 to 10th May 2020

Prof Amit Kumar Mishra	**Prof Yogesh Risodkar**	**Dr. Dipak Patil**	**Er. Umang Kejriwal**
Convener & Asst Prof	**HOD E & TC SIEM**	**Principal SIEM**	**Director**
E & TC SIEM	**Sandip Foundation**	**Sandip Foundation**	**Apptronix Technologies**
Sandip Foundation Nashik	**Nashik - Maharashtra**	**Nashik - Maharashtra**	**Noida – Delhi NCR**

SANDIP FOUNDATION

AppTronix Technologies
Let's be innovative

CERTIFICATE *Of* PARTICIPATION

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Prof Amit Kumar Mishra	**Prof Yogesh Risodkar**	**Dr. Dipak Patil**	**Er. Umang Kejriwal**
Convener & Asst Prof	**HOD E & TC SIEM**	**Principal SIEM**	**Director**
E & TC SIEM	**Sandip Foundation**	**Sandip Foundation**	**Apptronix Technologies**
Sandip Foundation Nashik	**Nashik - Maharashtra**	**Nashik - Maharashtra**	**Noida – Delhi NCR**

GOVERNMENT OF INDIA

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

CERTIFIED ISO 9001:2015 COMPANY

GRAPHIX TECHNOLOGIES

Infinite Graphix Technologies Pvt Ltd.

Certificate

The academic committee of Infinite Graphix Technologies certify that

Mr/Ms **Tushar Vaman Kafare**

has Successfully completed the course in **CATIA Workshop**

of **10 DAYS**

duration on this the **20th April** day of **2020** with grade **A+**

from **Kharadi, Pune** center and is thus awarded the certificate issued

under our Seat on **6-5-2020**

Head Of Department

Managing Director

CLASSIFICATION OF GRADE		
Percentage Of Marks	Grades	Remarks
80% and above	A+	Excellent
70% up to 79%	A	Very Good
60% up to 69%	B+	Good
50% up to 59%	B	Fair

Because Competence is a Combination of Knowledge, Skill and Attitude.

AISSMS
INSTITUTE OF INFORMATION TECHNOLOGY
Affiliated to Savitribai Phule Pune University, Approved by AICTE,
New Delhi and Recognised by Govt. of Maharashtra
(ID No. PU/PN/ENGG/124/1998)
Accredited by NAAC with 'A' Grade

Spoken Tutorial

Scilab

Certificate of Participation

This is to certify that Tushar Vaman Kafare from JSPM's BSIOTR, Wagholi has successfully completed "Five Days Online Faculty Development Program on SCILAB", organised by All India Shri Shivaji Memorial Society's Institute of Information Technology (AISSMS IOIT), Pune, from Monday, 4 May 2020 to Friday, 8 May 2020, in association with IIT Bombay Spoken-Tutorial.

UoP
id. No.
PU/PN/Engg
124/1998

AISSMS'S INSTITUTE OF INFORMATION TECHNOLOGY * PUNE *

Dr. P. B. Mane
Principal

AISSMS

INSTITUTE OF INFORMATION TECHNOLOGY

ADDING VALUE TO ENGINEERING

Department of Electronics and Telecommunication

Certificate of Participation

This Certificate is awarded to **Dnyaneshwar Dilip Khairnar** *of* **JSPM's Bhivarabai Sawant Institute of Technology and Research Wagholi Pune** *for successfully attending the webinar on* **"How to Conduct Virtual Labs"**

Date: June 24, 2020.

Prof.V.K.Patil	**Prof.M.R.Wanjare**	**Prof.G.D.Salunke**	**Dr.M.P.Sardey**	**Dr.P.B.Mane**
Faculty	**Faculty**	**Faculty**	**HOD**	**Principal**
Co-ordinator	**Co-ordinator**	**Co-ordinator**	**E&TC Dept.**	**AISSMS-IOIT**

Webinar on

"Cisco collaboration and Cloud"

Certificate of Participation

This is to certify that Ms/Mr. **Dnyaneshwar Dilip Khairnar** *has participated in Webinar on* **" Cisco collaboration and Cloud "** *conducted on* **10th May 2020,** *organized by Department of Electronics and Telecommunication Engineeering, at JSPM's BSIOTR,Wagholi, Pune-412207.*

webınar Coordinator   **HOD E&TC**   **Principal BSIOTR**

TBM5GA-CE000017

SkillsDA®

ISO Certified Cybersecurity Training Centre

CERTIFICATE

OF PARTICIPATION

This is to certify that

Dnyaneshwar Khairnar

JSPMs Bhivarabai Sawant Institute of Technology and Research

has attended Webinar on

"Need of Cyber Security Skills and Job Opportunities"

On 15th May, 2020

in association with

ISAC   FTPO PUNE Better Together   SOFTSENSE TECHNOSERVE

Certificate No : 3588

AISSMS

INSTITUTE OF INFORMATION TECHNOLOGY

Affiliated to Savitribai Phule Pune University, Approved by AICTE,
New Delhi and Recognised by Govt. of Maharashtra
(ID No. PU/PN/ENGG/124/1998)
Accredited by NAAC with 'A' Grade

Spoken Tutorial

SciLab

Certificate of Participation

This is to certify that Dnyaneshwar Dilip Khairnar from JSPM's Bhivarabai Sawant Institute of Technology and Research has successfully completed "Five Days Online Faculty Development Program on SCILAB", organised by All India Shri Shivaji Memorial Society's Institute of Information Technology (AISSMS IOIT), Pune, from Monday, 4 May 2020 to Friday, 8 May 2020, in association with IIT Bombay Spoken-Tutorial.

UoP
id. No.
PU/PN/Engg
124/1998

AISSMS'S INSTITUTE OF INFORMATION TECHNOLOGY *PUNE*

Dr. P. B. Mane
Principal

BoS, SPPU

Board of Studies (E&TC/Electronics)
Savitribai Phule Pune University

I²IT

Hope Foundation's

International Institute of Information Technology
(I²IT), Pune

Faculty Orientation Workshop

S. E. (E&TC/Electronics) Revised Syllabus 2019 Course
Subject: Data Structures (DS)

E-Certificate of Participation..!

This is to certify that,

Dnyaneshwar Dilip Khairnar

of **JSPM's Bhivarabai Sawant Institute of Technology and Research Wagholi Pune**

has attended Faculty Orientation Workshop on SE(E&TC) revised syllabus (2019 Course) under the aegis of Board of Studies (E&TC/Elex.), Savitribai Phule Pune University, organized by, **Department of Electronics & Telecommunication, Hope Foundation's International Institute of Information Technology (I²IT), Hinjawadi, Pune** from 22/06/2020 to 26/06/2020.

Dr. Risil Chhatrala	**Dr. Vaishali Patil**	**Dr. D. S. Bormane**	**Dr. M. G. Chaskar**
Faculty Coordinator & HoD E&TC	**Principal, I²IT**	**Chairman BoS (E&TC/Elex.) SPPU**	**Dean Faculty of Sci. & Tech. SPPU**

JSPM'S

Rajarshi Shahu College of Engineering, Tathawade, Pune.

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Approved by AICTE, Accredited by NBA, Accredited by NAAC with "A" grade

Website: www.jspmrscoe.edu

Department of E&TC Engineering

Organized

One Week Faculty Development Program on "ARDUINO"
In Association with ISTE Student Chapter
And Spoken Tutorial, IIT Bombay

Certificate of Participation
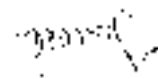
THIS IS TO CERTIFY THAT **MR. DNYANESHWAR KHAIRNAR** FROM JSPM's BSIOTR, PUNE, HAS ATTENDED ONE WEEK FACULTY DEVELOPMENT PROGRAM ON "ARDUINO" IN E&TC ENGINEERING DEPARTMENT FROM 25/o4/2020 TO 30/04/2020.

Prof. Mrs. K. V. Fale	**Dr. A. N. Paithane**	**Dr. B.D. Jadhav**	**Dr. R. K. Jain**
	Coordinator	HOD E&TC Dept.	Principal
Coordinator			

Roll No: NPTEL20CS53S1417553

To
DUBAL SHEETAL SHANTARAM
SR NO 207,SUYOG RESIDENCY,FLAT NO
5,OPPOSITE TO INFOCITY,PUNE SASWAD ROAD
PHURSUNGI
PUNE
MAHARASHTRA - 412308
PH. NO :7499718630

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

DUBAL SHEETAL SHANTARAM

for passing the course

An Introduction to Programming through C++

with Score* **81** %

Covid-19 impacted January 2020 semester

Prof. Sridhar Iyer
Head, CDEEP & NPTEL Coordinator
IIT Bombay

Jan-Apr 2020
(12 week course)

Indian Institute of Technology Bombay

swayam

*Continuous online assessment score

Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering

(Approved by AICTE, Recognized by Government of Maharashtra &
Affiliated to Savitribai Phule Pune University, Pune)

Dhangawadi, Tal: Bhor, Dist: Pune, Maharashtra, India
Website: www.rajgad.edu.in   Email: scscoe@gmail.com

CERTIFICATE OF APPRECIATION

This is to certify that, **Prof. Prajakta J. Katkar** of **JSPM's BSIOTR, Wagholi.** has successfully completed **"Faculty Awareness Program on NAAC Accreditation"** Organized by RD's Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune-412206 conducted online during the period of 10/05/2020 to 15/05/2020.

Prof. S. K. Pawar
Co-ordinator

Dr. S. B. Patil
Principal

Cr No. -SWQVUO-CE000337

Issue Date-10-5-2020

"Techno-Social Excellence"

Marathwada Mitramandal's
INSTITUTE OF TECHNOLOGY (MMIT),
Lohgaon, Pune 411047

Approved By AICTE, New Delhi, Affiliated to SPPU, Pune,

CERTIFICATE OF APPRECIATION

THIS CERTIFICATE IS PROUDLY AWARDED TO

Prajakta Jotiram Katkar

for successful completion of **"NAAC Awareness Programme for Faculty"** organized by Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune - 47 conducted online during the period 08/05/2020 to 14/05/2020.

COVID-19: STAY HOME, STAY SAFE

MMIT, Lohgaon,
Pune

DR. R. V. BHORTAKE

PRINCIPAL

Department of Electronics &Telecommunication

Organized

One Week Faculty Development Programme on "LaTeX"

in association with Spoken Tutorial, IIT Bombay.

Certificate of Participation

Prajakta Katkar

This is to certify that Mr./Mrs./Miss…………………………………………………………………………………………………..

from……………………… **JSPM's BSIOTR, Wagholi.**…………………………………… has participated in **One Week Faculty Development Programme on "LaTeX"** organized by Pimpri Chinchwad College of Engineering & Research, Ravet, Pune - 412101 during 20th April 2020 to 27th April 2020.

Prof. R. R. Kawade
(Organizer)

Prof. T. D. Dhamale
(Organizer)

Prof. Dr. R. G. Mapari
(HOD, E&TC Dept.)

Prof. Dr. H. U. Tiwari
(Principal, PCCOER)

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY & RESEARCH, WAGHOLI, PUNE-412207 (BSIOTR)

(Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra & Affiliated to Savitribai Phule Pune University)

Accredited with B++ by NAAC

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Webinar on
"Cisco collaboration and Cloud"

Certificate of Participation

This is to certify that Ms/Mr. **Prajakta Jotiram Katkar** has participated in Webinar on **" Cisco collaboration and Cloud "** conducted on **10th May 2020,** organized by Department of Electronics and Telecommunication Engineeering, at JSPM's BSIOTR,Wagholi, Pune-412207.

webinar Coordinator   **HOD E&TC**   **Principal BSIOTR**

TBM5GA-CE000019

JSPM'S

Rajarshi Shahu College of Engineering, Tathawade, Pune.

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Approved by AICTE, Accredited by NBA, Accredited by NAAC with "A" grade

Website: www.jspmrscoe.edu

Department of E&TC Engineering

Organized

One Week Faculty Development Program on "ARDUINO"

In Association with ISTE Student Chapter And Spoken Tutorial, IIT Bombay

Certificate of Participation
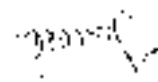
This is to certify that **Mr. Vishal Puranik** From JSPM's Bsiotr, Wagholi, PUNE has attended One week Faculty Development Program on "ARDUINO" in E&TC Engineering Department from 25/o4/2020 to 30/04/2020.

Prof. Mrs. K. V. Fale

Coordinator

Dr. A. N. Paithane
Coordinator

Dr. B.D. Jadhav
HOD E&TC Dept.

Dr. R. K. Jain
Principal

BHAGWAN MAHAVIR UNIVERSITY

BHAGWAN MAHAVIR COLLEGE OF COMMERCE AND MANAGEMENT STUDIES

SURAT, GUJARAT

CERTIFICATE OF PARTICIPATION

This is to certify that

VISHAL GANGADHAR PURANIK

has actively participated in Four Days Webinar on
" **An Effective Research Paper Writing Skills"**
from **April 13-16, 2020**

MR. HITESH PATEL
Co-Ordinator

DR. CHETA DESAI
I/C PRINCIPAL

Spoken Tutorial
IIT Bombay

Dr. D. Y. Patil Pratishthan's
D. Y. Patil College of Engineering, Akurdi, Pune-44
Accredited by NAAC 'A' Grade

Organizes

One Week Online Faculty Development Programme

(To help minimize the impact of the COVID-19 outbreak on Faculty)

April 25, 2020 to May 1, 2020

"BOSS Linux 3.4.2 Operating System"

Certificate

This is to certify that, Mr./Ms./Mrs. Vishal Puranik, from JSPM'S BSIOTR WAGHOLI PUNE
has successfully completed One Week Online FDP on *"BOSS Linux 3.4.2 Operating System"* with included a demonstration cum hands on exposure in Linux OS, Organised by *Spoken Tutorial Project, IIT Bombay,* funded by Natinal Mission on Education through ICT, MHRD, Govt. of India from 25th April 2020 to 1th May, 2020 remotely at *Dr. D. Y. Patil Pratishthan's D. Y. Patil College of Engineering, Akurdi, Pune*, coordinated and organised by Mrs. Aarti S. Gaikwad and Mr. Pramod B. Deshmukh.

Dr. Mrs P. Malathi
Vice-Principal, DYPCOE

Dr. Vijay M. Wadhai
Principal, DYPCOE

Jayawant Shikshan Prasarak Mandal's

JSPM Narhe Technical Campus

Department of Computer Engineering

Certificate of Appreciation

This is to certify that,

Vishal Puranik

has completed the "**Faculty Awareness Program on NBA and Outcome Based Education(OBE)**" organised by JSPM Narhe Technical Campus on 2-5-2020.

Certificate Id: 8M2RWS-CE000183

This is a digital certificate and does not require signature.

Webinar on

"Cisco collaboration and Cloud"

Certificate of Participation

This is to certify that Ms/Mr. **PURANIK VISHAL GANGADHAR** has participated in Webinar on **" Cisco collaboration and Cloud "** conducted on **10th May 2020,** organized by Department of Electronics and Telecommunication Engineeering, at JSPM's BSIOTR,Wagholi, Pune-412207.

Webinar Coordinator   **HOD E&TC**   **Principal BSIOTR**

TBM5GA-CE000011

Department of Electronics and Telecommunication Engineering

Certificate Of Participation

This is to certify that

PURANIK VISHAL GANGADHAR

has actively participated and successfully completed the
Three Day Online FDP in

"Recent Trends in
Technology & Digital Education"

organized by Department of Electronics & Telecommunication Engineering
in association with ISTE from 27th May to 29th May 2020.

Prof. P. S. Sawant
Co-ordinator & HOD

Dr. S. M. Deshpande
Principal

Amrutvahini Sheti & Shikshan Vikas Sanstha's
Amrutvahini College of Engineering, Sangamner
P.O.Sangamner S.K., Tal.: Sangamner, Dist.: Ahmednagar, Maharashtra-422608, India
Department of Electronics and Telecommunication Engineering

Certificate of Participation

This is to certify that

VISHAL GANGADHAR PURANIK

of **JSPM's BSIOTR WAGHOLI PUNE**

has successfully attended Webinar on" *4G, 5G and Beyond*"

organized by Department of Electronics and Telecommunication Engineering,
Amrutvahini College of Engineering, Sangamner on 22/05/2020.

Prof. M. B. Kadu
Co-ordinator

Dr. Ms. R. P. Labade
H.O.D., E&TC

Dr. M. A. Venkatesh
Principal

Mahatma Education Society's

Pillai College of Engineering

Dr. K. M. Vasudevan Pillai Campus, Sector 16, New Panvel, 410206

A+ NAAC

Spoken Tutorial
IIT Bombay

Certificate of Completion

This is to certify that

DILIP BHOSALE

from *JSPM'S BSIOTR , Wagholi Pune 07*

had completed One Week Faculty Development Program on

"SCILAB"

from **11th May to 15th May, 2020** held remotely by
Pillai College of Engineering, New Panvel.

Prof. Archana Ingole
Coordinator

Prof. Suchitra Patil
Coordinator

Dr. Sandeep M. Joshi
Principal

PcE
PILLAI COLLEGE OF ENGINEERING

NUMEREGION's TaraNG
Interactive | Learning | Pedagogy

Mahatma Education Society's
Pillai College of Engineering
Dr. K.M. Vasudevan Pillai Campus, Sector – 16, New Panvel – 410206
NAAC ACCREDITED A+ GRADE INSTITUTE.

50
1970-2020

Mahatma Education Society
Celebrating 50 Glorious Years in Education

CERTIFICATE
OF PARTICIPATION

This Certificate is proudly presented to

Mr. Dilip Sambhaji Bhosale

From **JSPM'S BSIOTR Pune 07**

For attending webinar on **"Antenna Design Through Simulation Using TaraNG:19.1"**

Organized by:

Department of Electronics and Telecommunication Engineering, Pillai College of Engineering

In Association with:

NUMEREGION TECHNOLOGIES

Date: 18 May 2020, Time: 4:00 pm to 6:00 pm

Prof. Ameet M. Mehta	Dr. Avinash R. Vaidya	Dr. Sandeep M. Joshi	Mr. Swapnil Gaul
Webinar Coordinator	HoD, EXTC, PCE	Principal, PCE	Director, Numeregion

Department of Electronics and Telecommunication Engineering
Academic Year:2020-21

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2020-21	Dr. Yogesh S Angal	Professor	Workshop on Project Based Learning	23/01/2021
2020-21	Dr. Yogesh S Angal	Professor	National Level Seminar on Robotics Process Automation (NSRPA-2020)	11/08/2020 to 12/08/2020
2020-21	Dr. Yogesh S Angal	Professor	Seminar on Digitization in Industry	28/11/2020
2020-21	Dr. Yogesh S Angal	Professor	Webinar on Accelerators/Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs	27/05/2021
2020-21	Dr. Yogesh S Angal	Professor	AICTE STTP on Digital Skill Development for Professionals	07/12/2020 to 12/12/2020
2020-21	Dr. Anil L.Wanare	Professor	YealinkCertified Video Conferencing Engineer. Certificate valid from 05/03/2019 to 05/02/2021	05/03/2019 to 05/02/2021
2020-21	Dr. Anil L.Wanare	Professor	Seminar on Digitization in Industry	28/11/2020
2020-21	Dr. Anil L.Wanare	Professor	Workshop on Project Based Learning	23/01/2021
2020-21	Dr. Anil L.Wanare	Professor	National Level Seminar on Robotics Process Automation (NSRPA-2020)	11/08/2020 to 12/08/2020
2020-21	Dr. Anil L.Wanare	Professor	Webinar on Accelerators/Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs	27/05/2021
2020-21	Dr. Anil L.Wanare	Professor	AICTE STTP on Digital Skill Development for Professionals	07/12/2020 to 12/12/2020
2020-21	Dr. Anil L.Wanare	Professor	High Altitude Platform (HAP) For Wireless Communication	10-04-2021
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	Workshop on Project Based Learning	23/01/2021

JAYAWANT SHIKSHAN PRASARAK MANDAL's
Bhivarabai Sawant Institute of Technology & Research
(Approved by AICTE New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)
Gat No. 71971 & 2, Wagholi, Pune-Nagar Road, Pune-412207
Prof. Dr. T. J. Sawant
B.E. (Elec.) PGDM, Ph.B
Founder Secretary
Dr. T.K. Nagaraj
Principal

Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru
National Board of Accreditation (NBA), New Delhi. Accredited Programs:
Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering

2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	National Level Seminar on Robotics Process Automation (NSRPA-2020)	11/08/2020 to 12/08/2020
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	Seminar on Digitization in Industry	28/11/2020
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on Recent Trends in Mechatronics and Automation	30/06/2020 to 04/07/2020
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	Webinar on Accelerators/ Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs	27/05/2021
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	AICTE STTP on Digital Skill Development for Professionals	07/12/2020 to 12/12/2020
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	Workshop on PSIM Software and its Applications in Power Electronics	22/05/2021
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on Electrical Circuits	22/06/2020 to 26/06/2020
2020-21	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on Principles of Communication Systems	18/01/2021 to 20/01/2021
2020-21	Mr. Yogesh S. Bahendwar	Assistant Professor	How to prepare your manuscript	23/04/2021
2020-21	Mr. Yogesh S. Bahendwar	Assistant Professor	Python and its application with artifical intellegnces	15/03/2021 to 19/03/2021
2020-21	Mr. Yogesh S. Bahendwar	Assistant Professor	Structuring your article correctly	23/04/2021
2020-21	Mr. Yogesh S. Bahendwar	Assistant Professor	Successful research grant applications – getting it right	23/04/2021
2020-21	Mr. Yogesh S. Bahendwar	Assistant Professor	How to write an abstract and improve your article	24/04/2021
2020-21	Mr. Yogesh S. Bahendwar	Assistant Professor	Advances in biosignal & image processing	08/03/2021 to 12/03/2021
2020-21	Mr. Yogesh S. Bahendwar	Assistant Professor	JavaScript	14/07/2020 to 16/07/2020.
2020-21	Mr.Vishal G.Puranik	Assistant Professor	Workshop on Project Based Learning	23/01/2021
2020-21	Mr.Vishal G.Puranik	Assistant Professor	National Level Seminar on Robotics Process Automation (NSRPA-2020)	11/08/2020 to 12/08/2020
2020-21	Mr.Vishal G.Puranik	Assistant Professor	Seminar on Digitization in Industry	28/11/2020
2020-21	Mr.Vishal G.Puranik	Assistant Professor	Webinar on Accelerators/ Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs	27/05/2021
2020-21	Mr.Vishal G.Puranik	Assistant Professor	AICTE STTP on Digital Skill Development for Professionals	07/12/2020 to 12/12/2020

2020-21	Mr.Vishal G.Puranik	Assistant Professor	Recent Advancement in AI & Robotics	25/04/2021 to 29/04/2021
2020-21	Mr.Vishal G.Puranik	Assistant Professor	Workshop on RESEARCH METHODOLOGY	10/05/2021 to 15/05/2021
2020-21	Mr.Vishal G.Puranik	Assistant Professor	IoT Based Health Monitoring & Control System	22/04/2021
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	National Level Seminar on Robotics Process Automation (NSRPA-2020)	11/08/2020 to 12/08/2020
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	FDP on Data Analytics with Python	28/11/2020
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	Workshop on Project Based Learning	23/01/2021
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	Seminar on Digitization in Industry	28/11/2020
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	Webinar on Accelerators/ Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs	27/05/2021
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	AICTE STTP on Digital Skill Development for Professionals	07/12/2020 to 12/12/2020
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	Use of IOT for Control Systems	31/05/2021
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	Electronic Circuits	22/06/2020 to 26/06/2020.
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	Object Oriented Programming	18/01/2021 to 20/01/2021
2020-21	Ms.Sheetal.S.Dubal	Assistant Professor	FDP on Data Analytics with Python	24/05/2021 to 28/05/2021
2020-21	Ms.Rupali S. Rakibe	Assistant Professor	FDP on Recent Trends in Mechatronics and Automation	30/06/2020 to 04/07/2020
2020-21	Mr. Dnyaneshwar. D. Khairnar	Assistant Professor	FUNDAMENTALS OF MATLAB workshop	15/07/2020 to 17/07/2020
2020-21	Mr. Dnyaneshwar. D. Khairnar	Assistant Professor	Global Alumni Symposium Session III Opportunities for E&TC in IT	16/8/2020
2020-21	Mr. Dnyaneshwar. D. Khairnar	Assistant Professor	Workshop on Project Based Learning	23/01/2021
2020-21	Mr. Dnyaneshwar. D. Khairnar	Assistant Professor	National Level Seminar on Robotics Process Automation (NSRPA-2020)	11/08/2020 to 12/08/2020

Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through techno-economic development"

Mission: "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral standards"

2020-21	Mr. Dnyaneshwar. D. Khairnar	Assistant Professor	Seminar on Digitization in Industry	28/11/2020
2020-21	Mr. Dnyaneshwar. D. Khairnar	Assistant Professor	Webinar on Accelerators/ Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs	27/05/2021.
2020-21	Mr. Dnyaneshwar. D. Khairnar	Assistant Professor	AICTE STTP on Digital Skill Development for Professionals	07/12/2020 to 12/12/2020
2020-21	Mr. Tushar V Kafare	Assistant Professor	Workshop on Project Based Learning	23/01/2021
2020-21	Mr. Tushar V Kafare	Assistant Professor	National Level Seminar on Robotics Process Automation (NSRPA-2020)	11/08/2020 to 12/08/2020
2020-21	Mr. Tushar V Kafare	Assistant Professor	Seminar on Digitization in Industry	28/11/2020
2020-21	Mr. Tushar V Kafare	Assistant Professor	Webinar on Accelerators/ Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs	27/05/2021.
2020-21	Mr. Tushar V Kafare	Assistant Professor	AICTE STTP on Digital Skill Development for Professionals	07/12/2020 to 12/12/2020

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Certified Video Conferencing Engineer

This Certificate is awarded by Yealink to certify that

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For and on Behalf of

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JSPM'S
Bhivarabai Sawant Institute of Technology
and Research Wagholi ,Pune 412207

**Electronics and Telecommunication Engineering Students Association (ETSA),
IETE Students Forum (ISF) BSIOTR**

in Association with

IETE PUNE CENTRE

National Level Seminar on Robotics Process Automation (NSRPA-2020)

CERTIFICATE

Awarded to

Meenakshi

JSPM's BSIOTR

In recognition of successful participation in National Seminar on Robotics Process Automation on 11th and 12th August 2020

Dr. Y.S Angal
HOD E&TC, Vice Chairman
IETE Pune Centre

Dr. T. K. Nagaraj
Principal BSIOTR

Dr. R.D. Kharadkar
Chairman IETE Pune Centre

Sinhgad Institutes
Celebrating 25 Years OF ACADEMIC EXCELLENCE

Sinhgad Technical Education Society's

NBN Sinhgad School of Engineering, Pune-411041

Department of Mechanical and Electronics Engineering

Certificate of Participation

This is to certify that,

Meenakshi Annamalai

JSPM's Bhivarabai Sawant Institute of Technology and Rese, SPPU, Pune

Has Participated and Completed "One Week National Level Online Faculty Development Program on "Recent Trends in Mechatronics and Automation" from 30th June to 04th July, 2020 Jointly Organized by the Department of Mechanical Engineering and Electronics & Telecommunication Engineering, NBN Sinhgad School of Engineering, Ambegaon (Bk) Pune-41.

Prof. D. H. Burande
HOD, Mechanical Engg.

Dr. M. M. Jadhav
HOD, E&TC Engg.

Dr. S. D. Markande
Principal

Department Of Electronics & Telecommunication Engineering

IEI & ISTE Student Chapter

AISSMSCOE IEEE Student Branch (STB-98723)

Certificate Of Participation

MEENAKSHI ANNAMALAI

of JSPM's BSIOTR

has participated in Workshop on 'PSIM Software and its Applications in Power Electronics' organized by Department Of E&TC, AISSMS College Of Engineering, Pune in association with AISSMS COE IEEE Student Branch, IEI & ISTE Chapters on 22th May 2021.

Mr. N.P Mawale
Event Coordinator

Mrs. R.R.Itkarkar
IEEE Coordinator

Dr. D.G.Bhalke
HOD-E&TC & Branch Counsellor

Dr.D.S.Bormane
Principal

BRACT's Vishwakarma Institute Of Technology, Pune
in association with
Savitribai Phule Pune University
Organized

Workshop on Project Based Learning

Certificate of Participation

This is to certify that **Meenakshi Annamalai**

has participated in One Day Workshop on 'Project Based Learning' Conducted on

23rd January 2021 by Department of E&TC Engineering, Vishwakarma Institute of Technology,

Pune and BOS – E&TC Engineering, Savitribai Phule Pune University.

Dr. Shripad Bhatlawande
Professor & Head,
Vishwakarma Institute of Technology

Dr. Dattatraya Bormane
Chairman BOS - E&TC Engg.
Savitribai Phule Pune University

Dr. Rajesh Jalnekar
Convener
Vishwakarma Institute of Technology

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI PUNE-412207 (BSIOTR)

(Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University)
Accredited with "B++" Grade by NAAC

Department of E&TC, IETE Students Forum(ISF) and

Centre of Incubation, Innovation and Entrepreneur Development Cell (CIIED-CELL)

Organized webinar On

"Accelerators/Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs"

CERTIFICATE

This is to certify that **Prof. Meenakshi Annamalai** from **JSPM'S Bhivarabai Sawant Institute of Technology and Research, Wagholi** has attended Webinar on **"Accelerators/Incubation-Opportunities for the students and faculties-Early Stages Entrepreneurs"** on 27/05/2021.

Dr. Y.S. Angal
HOD, E&TC,
Vice Chairman, IETE Pune

Dr. T.K.Nagaraj
Organizing Secretary,
Principal, BSIOTR

Dr. R. D. Kharadkar
Chairman,
IETE Pune Centre

Department of Electronics and Telecommunication Engineering

and

Department of Mechanical Engineering

CERTIFICATE

This is to certify that

Meenakshi

JSPM's Bhivarabai Sawant Institute of Technology and Research

has successfully participated in online session organized in association with IETE Pune Center on

"DIGITIZATION IN INDUSTRY" On 28 November 2020.

Dr. Y.S.Angal

HOD E&TC

Vice Chairman, IETE PUNE

Dr. P.S.Kachare

HOD, Mechanical

Dr. T.K.Nagaraj

Principal

Dr. R.D.Kharadkar

Chairman

JAYAWANT SHIKSHAN PRASARAK MANDAL's (JSPM's)

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI PUNE-412207 (BSIOTR)

(Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University)
Accredited with "B++" Grade by NAAC

Department of Electronics and Telecommunication Engineering

Organized one Week

AICTE Funded Short Term Training Program (STTP)

On

"DIGITAL SKILL DEVELOPMENT FOR PROFESSIONALS"

CERTIFICATE

This is to certify that **Meenakshi Annamalài** from **JSPM's Bhivarabai Sawant Institute of Technology and Research** has attended One week Short Term Training Program on **"DIGITAL SKILL DEVELOPMENT FOR PROFESSIONALS"** from 07/12/2020 to 12/12/2020.

Dr. Y.S. Angal	Dr. T.K.Nagaraj	Dr. S.N.Patil	Dr.V.M. Kayande
Program Coordinator, HOD, E&TC	Organizing Secretary, Principal, BSIOTR	Campus Director, JSPM Wagholi Campus	Campus Director, JSPM Wagholi Campus

Online Faculty Orientation Workshop
Under the Aegis of BoS (E&TC), SPPU, Pune
SE (E&TC / Electronics) Revised Syllabus 2019 Course
(18-20 January 2021)

DPU

e-Certificate of Participation..!

This is to certify that **Mrs. Meenakshi Annamalai** of JSPM's Bhivarabai Sawant Institute of Technology and Research has participated in Three Days Online Faculty Orientation Workshop on SE(E&TC/Electronics) Revised Syllabus 2019 Course for the Subject **Principles of Communication Systems** Organized by **Department of E&TC Engg., Dr. D. Y. Patil Institute of Technology, Pimpri, Pune.** Certificate ID :- EWKSZQ-CE000090

Dr. S. D. Chavan
Co-ordinator
DIT, Pimpri

Dr. S. R. Jog
HOD (E&TC)
DIT, Pimpri

Dr. D. G. Bhalke
Dr. S. L. Lahudkar
Overall Co-ordinator

Dr. Urmila A. Patil
BoS Member E&TC, SPPU
Dean Academics, DIT, Pimpri

Dr. Pramod Patil
Principal
DIT, Pimpri

Dr. D. S. Bormane
Chairman
BoS E&TC, SPPU

BoS, SPPU
Board of Studies Electronics Engineering
Savitribai Phule Pune University

K. K. Wagh Education Society's
K. K. Wagh
Institute of Engineering Education
& Research, Nashik

Certificate

Faculty Orientation Workshop

S.E. (E&TC/Electronics) Revised Syllabus 2019 Course
Subject: Electrical Circuits

Prof. Meenakshi Annamalai of JSPM's Bhivarabai Sawant Institute of Technology and Research has attended **Faculty Orientation Workshop on S.E.(E&TC/ Electronics)** revised syllabus under the aegis of Board of Studies (Electronics Engg.), Savitribai Phule Pune University, organized by Department of Electronics & Telecommunication Engineering, K. K. Wagh Institute of Engineering Education & Research, Nashik during 22nd to 26th June 2020.

Dr. S. A. Patil (Ugale)
Coordinator
KKWIEER, Nashik

Dr. D. M. Chandwadkar
HOD (E&TC/Electronics)
KKWIEER, Nashik

Dr. K. N. Nandurkar
Principal
KKWIEER, Nashik

Dr. D. S. Bormane
BoS (Electronics)
SPPU, Pune

Dr. M. G. Chaskar
Dean, Faculty of Science
and Technology
SPPU, Pune

Board of Studies (E&TC/Electronics)
Savitribai Phule Pune University

Matoshri College of Engineering

& Research Centre, Nashik

Faculty Orientation Workshop

B. E. (E&TC/Electronics) Revised Syllabus 2019C.
Subject: JavaScript

E-Certificate of Participation..!

This is to certify that,
_ **Yogesh Sayajirao Bahendwar** _
of **JSPM'S BSIOTR Wagholi Pune**

has attended Faculty Orientation Workshop on SE(E&TC) revised syllabus (2019C) under the aegis of Board of Studies (E&TC/Elex.), Savitribai Phule Pune University, organized by, Dept. of Computer Engineering, Matoshri College of Engineering & Research Centre, Nashik from 14/07/2020 to 16/07/2020.

Dr. S.A. Bhavsar
Faculty Coordinator

Dr. V.H. Patil
HOD, Comp.Engg.

Dr. G.K. Kharate
Principal, MCOERC

Dr. D. S. Bormane
Chairman BoS (E&TC)

Dr. M. G. Chaskar
Dean Faculty of Sci. & Tech. SPPU

GOVERNMENT ENGINEERING COLLEGE, RAIPUR (C.G)

Certificate of Participation

THIS IS TO CERTIFY THAT

Prof. Yogesh Sayajirao Bahendwar
S B Patil College of Engineering Indapur

HAS BEEN AWARDED THIS CERTIFICATE ON COMPLETION OF ONE WEEK SHORT TERM TRAINING PROGRAM ON

" ADVANCES IN BIOSIGNAL & IMAGE PROCESSING "

MARCH 08-12, 2021

SPONSORED UNDER

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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING
GOVERNMENT ENGINEERING COLLEGE RAIPUR [C.G.]

MRS. SUMAN DASS
coordinator

DR. R. H. TALWEKAR
Coordinator & SC iSTE

DR. Y. P. BANJARE
TEQIP III Coordinator

DR. R. S. PARIHAR
principal
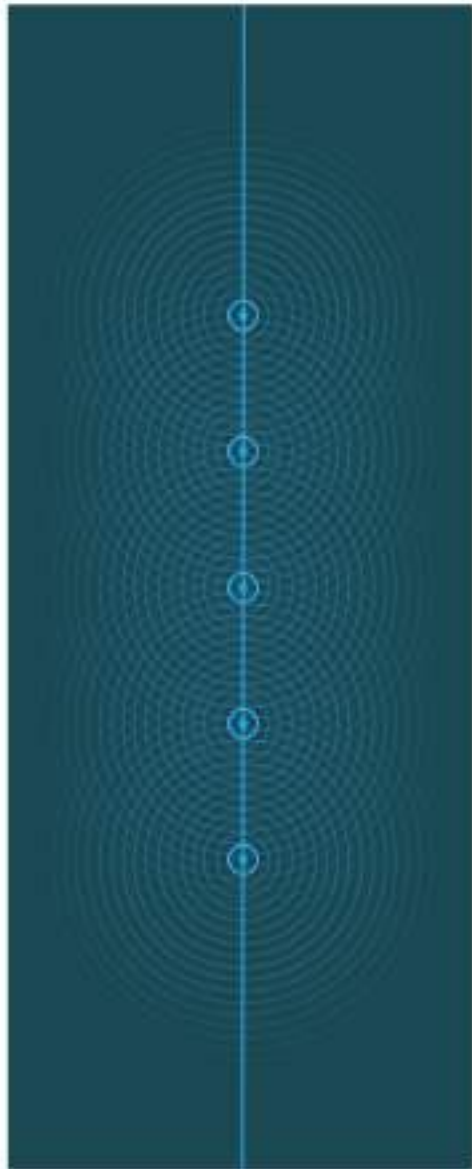
Researcher Academy

researcheracademy.com

Certificate of Completion

This certifies that

YOGESH BAHENDWAR

has successfully completed the following module

How to write an abstract and improve your article

on Friday 23 April, 2021

Presented by Hannah Foreman

Suzanne BeDell

Suzanne BeDell

Managing Director, Education
Reference & Continuity Books

Philippe Terheggen

Philippe Terheggen

Managing Director, Science,
Technology & Medical Journals

ELSEVIER

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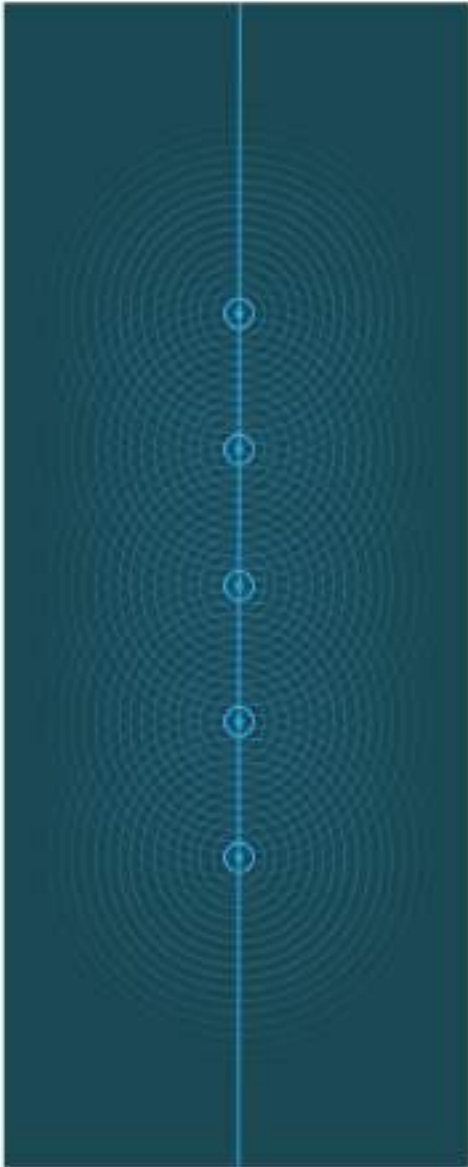
This certifies that

YOGESH BAHENDWAR

has successfully completed the following module

Successful research grant applications – getting it right

on Friday 23 April, 2021

Presented by No presenter

Suzanne BeDell

Managing Director, Education
Reference & Continuity Books

Philippe Terheggen

Managing Director, Science,
Technology & Medical Journals
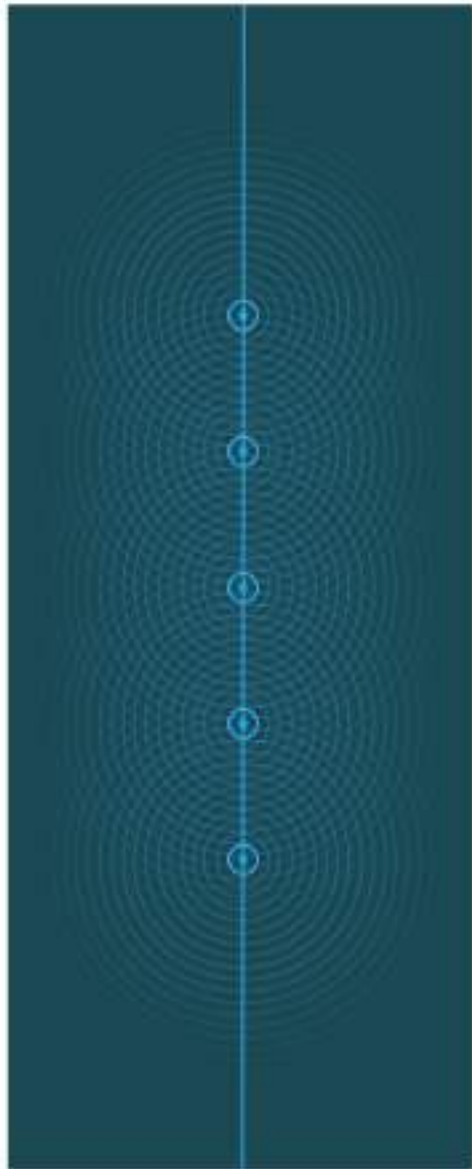
Researcher Academy

researcheracademy.com

Certificate of Completion

This certifies that

YOGESH BAHENDWAR

has successfully completed the following module

Structuring your article correctly

on Friday 23 April, 2021
Presented by Anthony Newman

Suzanne BeDell

Suzanne BeDell
Managing Director, Education
Reference & Continuity Books

Philippe Terheggen

Philippe Terheggen
Managing Director, Science,
Technology & Medical Journals

ELSEVIER

GOVERNMENT ENGINEERING COLLEGE, RAIPUR (C.G)

Certificate of Participation

THIS IS TO CERTIFY THAT

Prof. Yogesh Sayajirao Bahendwar
S B Patil College of engineering Indapur

HAS BEEN AWARDED THIS CERTIFICATE ON COMPLETION OF ONE WEEK SHORT TERM TRAINING PROGRAM ON

"PYTHON AND IT'S APPLICATIONS WITH ARTIFICIAL INTELLIGENCE"

MARCH 15-19, 2021

SPONSORED UNDER
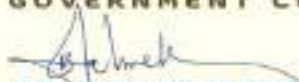
TEQIP-3

IN ASSOCIATION WITH ISTE NEW DELHI

ORGANISED BY

DEPARTMENT OF COMPUTER SCIENCE ENGG. AND ELECTRONICS & TELECOMMUNICATION ENGG.
GOVERNMENT ENGINEERING COLLEGE RAIPUR [C.G.]

IN COLLABORATION WITH

GOVERNMENT COLLEGE OF ENGINEERING, SALEM

MRS. G. H. ANJUM KHAN
coordinator

DR. R. H. TALWEKAR
Coordinator & SC ISTE

DR. Y. P. BANJARE
TEQIP III Coordinator

DR. R. S. PARIHAR
principal
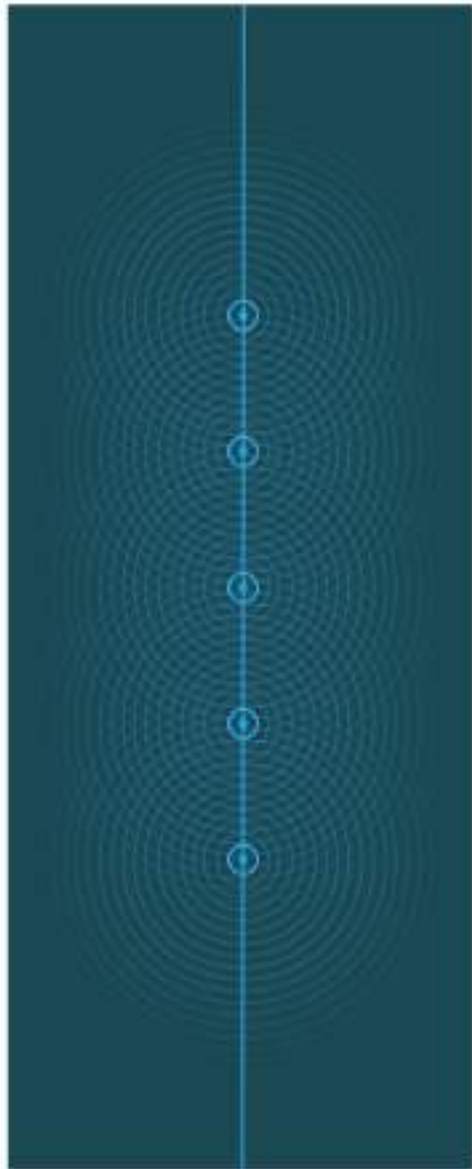
Researcher Academy

researcheracademy.com

Certificate of Completion

This certifies that

YOGESH BAHENDWAR

has successfully completed the following module

How to prepare your manuscript

on Friday 23 April, 2021

Presented by Anthony Newman

Suzanne BeDell

Suzanne BeDell

Managing Director, Education
Reference & Continuity Books

Philippe Terheggen

Managing Director, Science,
Technology & Medical Journals

ELSEVIER

National Webinar on "IoT Based Health Monitoring & Control System" (NWIOTHM&CS-2021)

APRIL 22nd, 2021

Organized by

Department of Electrical Engineering

MANDA INSTITUTE OF TECHNOLOGY, BIKANER

(Approved by AICTE, Ministry of HRD, Government of India and Affiliated to BTU, Bikaner)
Promoted by: Manda Institute of Technology Society, Bikaner-334001.

In Association With
MANDA COLLEGE, BIKANER

(Approved By: DCE Rajasthan, Affiliated To: MGSU, Bikaner)

E-Certificate

This is to certify that **Vishal Gangadhar Puranik** *Designation* **Assistant Professor** *from* **JSPM'S BSIOTR PUNE**, **PUNE** *has*

Participated in *the National Webinar on* ***"IoT Based Health Monitoring & Control System"*** *Organized by the Department*

of ***Electrical Engineering****, Manda Institute of Technology, Bikaner on April 22nd, 2021. We appreciate his active participation in*

the success of event.

Mr. Mahendra	**Prof (Dr.) R.P. Gupta**	**Smt. Suman Choudhary**
Convener	**Principal**	**Director**
NWIOTHM&CS-2021	**MIT, Bikaner**	**MIT, Bikaner**

Certificate

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

PURANIK VISHAL GANGADHAR

Assistant Professor - ETC at JSPM BSIOTR PUNE participated & completed successfully Online FDP on **"Recent Advancement in AI & Robotics"** from **25-04-2021 to 29-04-2021** at Dr D Y Patil School of Engineering and Technology,Pune.

Dr.Rahul Bachute
HoD

Dr.AshoK Kasnale
Principal

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI , PUNE-412207 (BSIOTR)

(Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University)

Department of Electronics and Telecommunication Engineering
and
Department of Mechanical Engineering

CERTIFICATE

This is to certify that

sheetal dubal

JSPM's Bhivarabai Sawant Institute of Technology and Research,wagholi ,Pune

has successfully participated in online session organized in association with IETE Pune Center on

"DIGITIZATION IN INDUSTRY" On 28 November 2020.

Dr. Y.S.Angal	Dr. P.S.Kachare	Dr. T.K.Nagaraj	Dr. R.D.Kharadkar
HOD E&TC	HOD, Mechanical	Principal	Chairman
Vice Chairman, IETE PUNE			

Made for free with Certify'em

Certificate of Participation

This is awarded to

SHEETAL DUBAL

for his/her active and invaluable participation during the conduct of one day virtual workshop on **"Data Analytics using Python"** organised by Dept. of Industrial and Systems Engineering, IISE University Chapter #660 IIT Kharagpur & Centre of e-Business IIT Kharagpur held on 28th of November 2020 at Department of Industrial and Systems Engineering IIT Kharagpur, Kharagpur India.

spsarmah		Srikrishnakr.	Atanu Dey
Prof. S. P. Sarmah	Prof. M Jenamani	Prof. Sri Krishna Kumar	Mr. Atanu Dey
HOD	Coordinator: E Business Center	Faculty Advisor	Data Scientist
ISE Department	of Excellence **MHRD**	IISE Chapter #660	HP India
IIT Kharagpur	IIT Kharagpur	IIT Kharagpur	
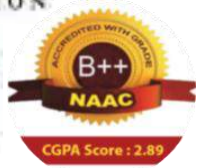
Sandip Foundation's

Sandip Institute of Engineering & Management Nashik

(Affiliated to Savitribai Phule Pune University, Pune and NAAC 'B++' Grade Accredited)

Department of Electronics & Telecommunication Engineering

AICTE Approved One Week Short Term Training Program on "Data Analytics with Python"

Registration Id: DAPII290

Certificate of Participation

Issued Date: 28/05/2021

This is to certify that **Ms. Sheetal Dubal** of **JSPM'S BSIOTR** has participated in AICTE Approved One Week Short Term Training Program (STTP) On **"Data Analytics with Python"** organized by **Department of Electronics and Telecommunication, Sandip Institute of Engineering and Management Nashik, Maharashtra** from 24th – 28th May, 2021.

Prof S J Pawar	Prof Y R Risodkar	Prof (Dr) D P Patil
Program Coordinator	**HOD E & TC, SIEM**	**Principal, SIEM**

This is to certify that **Sheetal Dubal** of **JSPM'S BSIOTR,Wagholi** has participated in **3 day Online Faculty Orientation Workshop** on **SE(E&TC/ Electronics) Revised Syllabus 2019 Course** for the Subject **Object Oriented Programming** Organized by Department of E&TC , AISSMS College of Engineering , Pune.

Mr. S.B. Dhekal
Co-ordinator
AISSMS COE

Dr. D.G. Bhalke
HOD E&TC
AISSMS COE

Dr D.G. Bhalke
Dr.S.L.Lahudkar
Overall Co-ordinator

Dr. D.S. Bormane
Chairman, BoS
Principal, AISSMS COE

BoS, SPPU

Board of Studies (E&TC/Electronics)
Savitribai Phule Pune University

JSPM's

Imperial College of
Engineering & Research, Wagholi, Pune

Faculty Orientation Workshop

S. E. (E&TC/Electronics) Revised Syllabus 2019C.
Subject: Electronic Circuits (EC)

E-Certificate of Participation..!

This is to certify that,
Prof. Sheetal Shantaram Dubal
of **JSPM's BSIOTR Wagholi**

has attended Faculty Orientation Workshop on SE(E&TC) revised syllabus (2019C) under the aegis of Board of Studies (E&TC/Elex.), Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering, Imperial College of Engineering & Research, Wagholi, Pune from 22/06/2020 to 26/06/2020.

Ms. N. S. Labhade
Faculty Coordinator

Dr. S. K. Bhatia
HOD, E&TC, ICOER

Dr. R. S. Deshpande
Principal, ICOER

Dr. D. S. Bormane
Chairman BoS (E&TC)

Dr. M. G. Chaskar
Dean Faculty of Sci. & Tech. SPPU

SINHGAD COLLEGE OF ENGINEERING

(Accredited by NAAC with "A" Grade)

44/1, Vadgaon (Bk), Off Sinhgad Road, Pune - 411041

Certificate

This is to certify that *Sheetal Dubal* of *JSPM BSIOTR* has attended a Webinar on **"Use of IOT for Control Systems"** organized by Department of E&TC Engineering, Sinhgad College of Engineering, Pune in association with IETE Pune Centre on May 31, 2021.

Dr. S. O. Rajankar, Dr. V. G. Raut, Dr. D. G. Ganage

Coordinators

Dr. M. B. Mali

HOD E&TC

Dr. S. D. Lokhande

Principal

Certificate ID: 8T3R4A-CE000198

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IEEE Pune Section

FDP-0841

Sinhgad Institutes

Sinhgad Technical Education Society's

NBN Sinhgad School of Engineering, Pune-411041

Department of Mechanical and Electronics Engineering

Certificate of Participation

This is to certify that,

Prof.Rupali S.Rakibe

E&TC Department, JSPM's Bhivarabai Sawant Institute of technology and Research Wagholi,Pune

Has Participated and Completed "One Week National Level Online Faculty Development Program on "Recent Trends in Mechatronics and Automation" from 30th June to 04th July, 2020 Jointly Organized by the Department of Mechanical Engineering and Electronics & Telecommunication Engineering, NBN Sinhgad School of Engineering, Ambegaon (Bk) Pune-41.

Prof. D. H. Burande
HOD, Mechanical Engg.

Dr. M. M. Jadhav
HOD, E&TC Engg.

Dr. S. D. Markande
Principal

Dr. Vithalrao Vikhe Patil
College of Engineering, Ahmednagar

DTE College Code: EN-5161

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION

"A Three days workshop on Fundamentals of MATLAB"

Certificate of Participation

This is certify that Mr/Mrs/Miss/Dr. Dnyaneshwar Dilip Khairnar from

JSPM's Bhivarabai Sawant Institute of Technology and Research Wagholi Pune has actively

participated and completed "A Three days workshop on fundamentals of MATLAB" from 15th to 17th July 2020.

7/17/2020

Prof. Sandip R Udawant
Coordinator

Dr. Anita K. Patil
Convener & HOD

Dr. Uday Naik
Principal

Department of Electronics and Telecommunication Engineering
Academic Year:2021-22

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2021-22	Dr. Yogesh S Angal	Professor	NPTEL FDP on Control Systems	Feb 2022 to Apr 2022
2021-22	Dr. Yogesh S Angal	Professor	FDP on Sensors In Automation	31/01/2022 to 02/02/2022
2021-22	Dr. Yogesh S Angal	Professor	Online training with Absolute Motion Pvt.Ltd.under "Upskill Yourself" Program Absolute Motion Pvt, Pune	02/07/2021 to 04/07/2021
2021-22	Dr. Yogesh S Angal	Professor	Research Funding Projects and IPR (Part2)	07/07/2021 to 09/07/2021
2021-22	Dr. Yogesh S Angal	Professor	FOW on Computer Network	26/07/2021 to 28/07/2021
2021-22	Dr. Yogesh S Angal	Professor	FOW on Database Managament System	22/07/2021 to 24/07/2021
2021-22	Dr. Yogesh S Angal	Professor	ePGPEX- 2021	18/06/2021
2021-22	Dr. Yogesh S Angal	Professor	IEEE International Conference on Computing Communication and Green Engineering-2021 (CCGE'21)	23/09/2021 to 25/09/2021
2021-22	Dr. Anil L. Wanare	Professor	FOW on TE(E&TC) on Digital Communication	22/07/2021 to 24/07/2021
2021-22	Dr. Anil L. Wanare	Professor	Online training with Absolute Motion Pvt.Ltd.under "Upskill Yourself" Program Absolute Motion Pvt, Pune	02/07/2021 to 04/07/2021
2021-22	Mrs.Meenakshi Annamalai	Assistant Professor	Online training with Absolute Motion Pvt.Ltd.under "Upskill Yourself" Program	02/07/2021 to 04/07/2021
2021-22	Mrs.Meenakshi Annamalai	Assistant Professor	UDEMy Course on Digital Signal Processing with MATLAB	10/05/2022 to 11/05/2022
2021-22	Mrs.Meenakshi Annamalai	Assistant Professor	One Week FDP on Computer Vision and Deep Learning	28/03/2022 to 01/04/2022

JAYAWANT SHIKSHAN PRASARAK MANDAL's
Bhivarabai Sawant Institute of Technology & Research
(Approved by AICTE New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)
Gat No. 719/1 & 2, Wagholi, Pune-Nagar Road, Pune-412207

Prof. Dr. T. J. Sawant
B.E. (Elec.) FMBA, Ph.D
Founder Secretary

Dr. T.K. Nagaraj
Principal

Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru
National Board of Accreditation (NBA), New Delhi. Accredited Programs:
Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering

2021-22	Mrs.Meenakshi Annamalai	Assistant Professor	National Intellectual Property Awareness Mission	25/01/2022
2021-22	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on Power Devices & Circuits (PDC)	27/01/2022 to 29/01/2022
2021-22	Mrs.Meenakshi Annamalai	Assistant Professor	Webinar on Embedded System with Robotics	15/09/2021
2021-22	Mrs.Meenakshi Annamalai	Assistant Professor	Webinar on Impact of AI &ML in Electronics and Computer Engineering	28/03/2022
2021-22	Mr.Yogesh S. Bahendwar	Assistant Professor	National Intellectual Property Awareness Mission	25/01/2022
2021-22	Mr.Yogesh S. Bahendwar	Assistant Professor	FOW on Advanced Java programming	31/01/2022 to 02/02/2022
2021-22	Mr. Yogesh S. Bahendwar	Assistant Professor	FOW on Fundamentals of JAVA	27/01/2022 to 29/01/2022
2021-22	Mr. Yogesh S. Bahendwar	Assistant Professor	One Week FDP on Computer Vision and Deep Learning	28/03/2022 to 01/04/2022
2021-22	Mr.Vishal G.Puranik	Assistant Professor	FDP on Recent Trends of Emerging Research Advances in Design Aspects and Innovative Modeling Techniques with Miniaturization for Electronics Devices and Circuits	24/01/2022 to 28/01/2022
2021-22	Mr.Vishal G.Puranik	Assistant Professor	Data Analysis Using Excel PCET'S	14/07/2021 to 16/07/2021
2021-22	Mr.Vishal G.Puranik	Assistant Professor	Online training with Absolute Motion Pvt.Ltd.under "Upskill Yourself" Program Absolute Motion Pvt, Pune	02/07/2021 to 04/07/2021
2021-22	Mr.Vishal G.Puranik	Assistant Professor	National Intellectual Property Awareness Mission	25/01/2022
2021-22	Mr.Vishal G.Puranik	Assistant Professor	Programming and Problem Solving with python	28/01/2022
2021-22	Mr.Vishal G.Puranik	Assistant Professor	Emerging issue of VLSI design ITM University	12/07/2021 to 17/07/2021
2021-22	Mr. Tushar V Kafare	Assistant Professor	One Week FDP on Computer Vision and Deep Learning	28/03/2022 to 01/04/2022
2021-22	Mr. Tushar V Kafare	Assistant Professor	Online training with Absolute Motion Pvt.Ltd.under "Upskill Yourself" Program Absolute Motion Pvt, Pune	02/07/2021 to 04/07/2021

2021-22	Mr. Tushar V Kafare	Assistant Professor	FOW on Subject Sensors in Automation TE E&TC 2019 course	31/01/2022 to 02/02/2022
2021-22	Mr. Tushar V Kafare	Assistant Professor	National Intellectual Property Awareness Mission	25/01/2022
2021-22	Mr. Tushar V Kafare	Assistant Professor	FOW on Embedded processors	2/12/2022 to 4/12/2022
2021-22	Ms. Sheetal S. Dubal	Assistant Professor	FDP on Project Management	27/01/2022 to 29/01/2022

Excelssior Education Society's

K. C. COLLEGE OF ENGINEERING AND MANAGEMENT STUDIES & RESEARCH, THANE(E)

Affiliiated to Mumbai University, Approved by AICTE, DTE

NAAC Accredited B++

CERTIFICATE OF PARTICIPATION

This is to certify that

Dr.Yogesh Suresh Angal

has attended online FDP on **'Research Funding Projects & IPR (Part II)'** organized by **R & D Cell, IQAC, and Department of EXTC, Computers & IT** from 7th June 2021 to 9th June 2021.

DR. BABAN U. RINDHE
Head, R & D Cell

DR. ARUNDHATI CHAKRABARTI
Head, IQAC

DR. VILAS NITNAWARE
Principal

Amrutvahini Sheti & Shikshan Vikas Sanstha's

Amrutvahini College of Engineering, Sangamner

ePGPEX- 2021

A Conference for
M.E. Students (E&TC/Electronics)

E-CERTIFICATE OF APPRECIATION

This is to certify that Dr. Y. S. Angal from JSPM's Bhivarabai Sawant Institute of Technology And Research , Wagholi, Pune has contributed as a Session Chair for Signal Processing Track at "ePGPEX-2021" organized by Board of Studies (E&TC), in association with Amrutvahni College of Engineering, Sangamner on 18th June 2021.

Dr. R.S.Pawase/Prof. S.R.Gagare
Co-ordinator
ePGPEX-2021

Dr. R. P. Labade
Co-Convener
ePGPEX-2021

Dr. D. S. Boramane
Convener
BOS(E&TC), SPPU

Dr. M. A. Venkatesh
Principal
AVCOE, Sangamner

BoS, SPPU

**Board of Studies
(E&TC/Electronics)
Savitribai Phule Pune University**

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and Affiliated to Savitribai Phule Pune University.
Accredited by NAAC with A grade

Faculty Orientation Workshop
T. E. E&TC Revised Syllabus 2019
Subject: Computer Network

E-Certificate of Participation..!

This is to certify that Dr. Yogesh S. Angal of JSPM's BSIOT & R, Pune has attended Faculty Orientation Workshop on TE E&TC revised syllabus 2019 for the subject **Computer Network** under the aegis of Board of Studies E&TC, Savitribai Phule Pune University, Pune organized by Dept. of E&TC, AISSMS Institute of Information Technology, Pune from 26/07/2021 to 28/07/2021.

Dr. S. B. Dhonde	**Mr. D. A. Itole**	**Dr. M. P. Sardey**	**Dr. P. B. Mane**	**Dr. D. S. Bormane**	**Dr. M. G. Chaskar**
Coordinator	**Co-coordinator**	**HOD, E&TC**	**Principal**	**Chairman BoS**	**Dean Faculty of Science**
		AISSMS IOIT	**AISSMS IOIT**	**E&TC, SPPU**	**& Tech, SPPU**

Coordinator Certificate

This is to certify that

Dr Yogesh S Angal

of JSPM Group of Institutes

Has coordinated industrial training with Absolute Motion Pvt Ltd under "UpSkillYourself" program

Training Date: **2nd- 4th July 2021**
Duration: **6 Hours Online training**
Scope: **PLC, HMI, IoT**

SUSHIL MISHRA
Managing Director

ALISTER DSILVA
Director- Prayas program

Certification by

ABSOLUTE Motion Pvt. Ltd.
ISO 9001:2015 Certified

System Partners

Lenze   OMRON
Schneider Electric   DELTA

Course by

StepUp^   PRYAS

JSPM's
RAJARSHI SHAHU COLLEGE OF ENGINEERING, TATHAWADE, PUNE

(An Autonomous Institute Affiliated to SPPU)

Approved by AICTE, Accredited by NBA (UG Program)

Accredited by NAAC with "A" Grade, MHRD-NIRF Rank: 201-250

FIRST IEEE INTERNATIONAL CONFERENCE

On

COMPUTING COMMUNICATION AND GREEN ENGINEERING–2021 (CCGE'21)

23rd– 25th September 2021

Organized By

JSPM's RAJARSHI SHAHU COLLEGE OF ENGINEERING, PUNE

CERTIFICATE

OF PRESENTATION

This is to certify that Mr./Ms./Dr./Prof. **Yogesh Angal** Affiliation **JSPM's BSIOTR, PUNE** has participated in First IEEE International Virtual Conference on Computing, Communication and Green Engineering–2021 (CCGE'21) during 23rd - 25th September 2021. He/She has presented a technical paper titled **A Wavelet based Noise and Artifacts Reduction for Enhancement of EEG Signals**.

Dr. Tanuja Dhope
Technical Program Chair

Dr. Shailaja Patil
Organizing Chair

Dr. A. S. Devasthali
Deputy Director

Dr. R. K. Jain
Director, General Chair

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Online Faculty Orientation Workshop
Under the Aegis of BoS (E&TC), SPPU, Pune
TE (E&TC / Electronics) Revised Syllabus 2019 Course
(22-24 July 2021)

e-Certificate of Participation..!

This is to certify that **Dr.Yogesh S. Angal** of JSPM's Bhivarabai Sawant Institute of Technology and Research,Wagholi,Pune has participated in Three Days Online Faculty Orientation Workshop on TE(E&TC/Electronics) Revised Syllabus 2019 Course for the Subject **Database Management** Organized by **Department of E&TC Engg., Dr. D. Y. Patil Institute of Technology, Pimpri, Pune.** Certificate ID :- EWKSZQ-CE000128

Dr. S. D. Chavan
Co-ordinator
DIT, Pimpri

Dr. Bhavna Ambudkar
HOD (E&TC)
DIT, Pimpri

Dr. Urmila A. Patil
BoS Member E&TC, SPPU
Dean Academics, DIT, Pimpri

Dr. Pramod Patil
Principal
DIT, Pimpri

Dr. D. S. Bormane
Chairman
BoS E&TC, SPPU

Dr. M. G. Chaskar
Dean Faculty of Sci. & Tech.,
SPPU

BoS, SPPU

AIT

Board of Studies (E&TC/Electronics)
Savitribai Phule Pune University

Onward to Glory

Army Institute of Technology
Dighi Hills, Pune

Faculty Orientation Workshop

T. E. (E&TC) Revised Syllabus 2019C.
Subject: Digital Communication(DC)

E-Certificate of Participation

This is to certify that,
Dr. Anil L Wanare

of **JSPM BSIOTR PUNE** ,

has attended Faculty Orientation Workshop on TE(E&TC) revised syllabus (2019C) under the aegis of Board of Studies (E&TC/Elex.), Savitribai Phule Pune University, organized by Department of E&TC Engineering, Army Institute of Technology, Pune from 22-24 July 2021.

Dr. Renuka Bhandari
Co-Coordinator

Dr. G R Patil
Co-ordinator &
HOD, E&TC, AIT

Dr. B P Patil
Principal, AIT

Dr. D. S. Bormane
Chairman BoS (E&TC)

Dr. M. G. Chaskar
Dean Faculty of Sci. & Tech. SPPU

BoS, SPPU
Board of Studies (E&TC/Electronics)
Savitribai Phule Pune University

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING
Karvenagar, Pune-411052

Faculty Orientation Workshop

T. E. (E&TC/Electronics) Revised Syllabus 2019 Course
Subject: **Power Devices & Circuits (PDC)**

QCIPP8-CE000011

E-Certificate of Resource Faculty

This is to certify that,

Meenakshi Annamalai

of JSPM's Bhivarabai Sawant Institute of Technology & Research

has work as Resource Expert for Faculty Orientation Workshop on TE(E&TC) revised syllabus (2019 Course) under the aegis of Board of Studies (E&TC/Elex.), Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering, Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune from 27/01/2022 to 29/01/2022.

Mr. J. M. Bakliwal	**Mrs. P. S. Sawant**	**Dr. V. N. Gohokar**	**Dr. D. S. Bormane**	**Dr. M. G. Chaskar**
Mr. A. G. Dakre	**Mrs. S. N. Deshmukh**	**Principal**	**Chairman, BoS**	**Dean Faculty of Sci. & Tech.**
Faculty Coordinator	**Co-convener**	**MMCOE, Pune**	**E&TC Engineering**	**SPPU, Pune**

Made for free with Certify'em

Certificate of Participation

This is to certify that

Prof. Meenakshi Annamalai

of JSPM Group of Institutes

Has successfully attended 3-day online training with Absolute
Motion Pvt Ltd under "UpSkillYourself" program

Training Date: **2nd- 4th July 2021**
Duration: **6 Hours Online training**
Scope: **PLC, HMI, IoT**

SUSHIL MISHRA

Managing Director

ALISTER DSILVA

Director- Prayas program

Certification by

ABSOLUTE Motion Pvt. Ltd.
ISO 9001:2015 Certified

Course by

StepUp^

PRAYAS

Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

CERTIFICATE

This is to certify that, **PROF. MEENAKSHI A** of **JSPM'S BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH WAGHOLI, PUNE** co-ordinated in conducting the

Intellectual Property Awareness program under

NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION

on January 25,2022

Organized by
Intellectual Property Office, India

Date:February 07,2022

(RAJENDRA RATNOO, IAS)
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

SRM TRP ENGINEERING COLLEGE

SRM TRP ENGINEERING COLLEGE
(A Unit of SRM Group of Educational Institutions)
Irungalur, Tiruchirappalli - 621 105. Tamilnadu, India

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
&
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Mr./Ms./Mrs. _Meenakshi Annamalai_

of _JSPM's Bhivarabai Sawant Institute of Technology and Research_

has participated in the International Webinar on "Impact of Artificial Intelligence & Machine Learning in Electrical and Computer Engineering" organized by SRM TRP Engineering College on 28.03.2022.

HOD/EEE
Dr. P. Elangovan

HOD/CSE
Dr. P. Sudhakaran

PRINCIPAL
SRM TRP ENGINEERING COLLEGE

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING
Karvenagar, Pune-411052

One Week Faculty Development Program
on
"Computer Vision and Deep Learning"

VIVAHS-CE000051

E-Certificate of Participation
This is to certify that,

Meenakshi Annamalai

of JSPM's Bhivarabai Sawant Institute of Technology & Research

has attended Faculty Development Program on Computer Vision and Deep Learning organized by, Dept. of E&TC Engineering, Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune from 28/03/2022 to 01/04/2022.

Mr. V. B. Deokamble
Ms. S. S. Gosavi
Faculty Coordinator

Dr. G. S. Gawande
Ms. H. N. Burande
Faculty Coordinator

Mrs. P. S. Sawant
Head
Dept. of E&TC Engg.

Dr. V. N. Gohokar
Principal.
MMCOE, Pune

Made for free with Certify'em

CERTIFICATE *of* PARTICIPATION

THIS ACKNOWLEDGES THAT

Meenakshi Annamalai

OF

JSPM's BSIOTR

HAS PARTICIPATED IN ONE DAY ONLINE LIVE WEBINAR ON EMBEDDED SYSTEM WITH ROBOTICS ON 15TH SEPTEMBER 2021 CONDUCTED BY FINLAND LABS – NEW DELHI

Umang Kejriwal,
Corporate Trainer
Finland Labs

finland Labs

udemy

CERTIFICATE OF COMPLETION

Digital Signal Processing with MATLAB (Codes Included)

Instructors **Hossein Tootoonchy**

Meenakshi Annamalai

Date **May 10, 2022**

Length **2.5 total hours**

AICTE SPONSORED
SHORT TERM TRAINING PROGRAM (STTP)
ON
EMERGING ISSUES OF
VLSI DESIGN

Certificate of Participation

This to be certified that   VISHAL GANGADHAR PURANIK

from JSPM'S BSIOTR PUNE

participated & successfully completed AICTE sponsored Online Short Term Training Program (STTP) on **"Emerging Issues of VLSI Design"** from July 12 -17, 2021, organized by the Department of Electronics & Communication Engineering, School of Engineering & Technology (SOET), ITM University Gwalior.

Prof. (Dr.) Ranjeet Singh Tomar
Convener, STTP
Electronics & Communication Engineering

Prof. (Dr.) Shyam Akashe
Coordinator, STTP
Electronics & Communication Engineering

Dr. Sadhana Mishra
Co-coordinator, STTP
Electronics & Communication Engineering

Certificate of Participation

This is to certify that

Prof. Vishal Gangadhar Puranik

of JSPM Group of Institutes

Has successfully attended 3-day online training with Absolute Motion Pvt Ltd under "UpSkillYourself" program

Training Date: **2nd- 4th July 2021**
Duration: **6 Hours Online training**
Scope: **PLC, HMI, IoT**

SUSHIL MISHRA
Managing Director

ALISTER DSILVA
Director- Prayas program

Certification by

ABSOLUTe
Motion Pvt. Ltd.
ISO 9001:2015 Certified

Course by

StepUp^

प्रयास

M Gmail   **Vishal Puranik <puranik.jspm@gmail.com>**

Certificate of Participation

McGrawHillEducation@theonlinexpo.com <McGrawHillEducation@theonlinexpo.com>   Tue, Feb 1, 2022 at 11:00 AM
Reply-To: McGrawHillEducation@theonlinexpo.com
To: PURANIK.JSPM@gmail.com

Mc Graw Hill

CERTIFICATE OF
PARTICIPATION

This certificate is presented to

VISHAL PURANIK

For Participating in the Webinar

PROGRAMMING
AND PROBLEM
SOLVING WITH PYTHON

**By ASHOK NAMDEV KAMTHANE
& AMIT ASHOK KAMTHANE**

LALIT SINGH
Managing Director

McGraw-Hill

Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

CERTIFICATE

This is to certify that, **MR. PURANIK VISHAL** of **JSPM'S BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH WAGHOLI, PUNE** has successfully participated in IP Awareness/Training program under

NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION

on January 25,2022

Organized by
Intellectual Property Office, India

Date:February 07,2022

(RAJENDRA RATNOO, IAS)
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

PCET's
Pimpri Chinchwad College of Engineering, Pune
SIG Coordination Team

Certificate of Completion

This Certificate is awarded to

Vishal Gangadhar Puranik

for successfully completing the Three Days Intensive Workshop on "Data Analysis Using Excel". This workshop was organized by the SIG Coordination Team, Pimpri Chinchwad College of Engineering, Pune from 14th-16th July 2021.

Dr. Varsha Harpale	Dr. N. R. Deore	Dr. S. V. Shinde	Dr. G. N. Kulkarni
WORKSHOP COORDINATOR	SIG COORDINATOR	SIG COORDINATOR	DIRECTOR

Schedule

Date	Session No.	Timing	Topic	Resource Person
14th July 2021	1	1715 -1745	Introduction to data Analysis, descriptive and inferential statistics, Measures of Central Tendency and Dispersion	Prof. Ashwini Vaze
	2	1745 -1615	Correlation, Covariance, Regression analysis using the data Analysis Tool in Excel.	Prof. Dinesh Kute
15th July 2021	3	1715 -1745	Case study on descriptive Statistics using the data analysis tool in Excel.	Dr. Leena Sharma
	4	1745 -1615	Sampling techniques and its types, case study on sampling using the data analysis tool in Excel.	Prof. Minakshi Panchal
16th July 2021	5	1715 -1745	Hypothesis testing (T-Test, F-Test, Z-Test, Chi-Square test) using the data analysis tool in Excel.	Dr. Varsha Harpale
	6	1745 -1615	Case study on Hypothesis Test (One-way ANNOVA, two way ANNOVA)	Dr. Leena Sharma

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **VISHAL GANGADHAR PURANIK**, **Assistant Professor** of **JSPM's BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY & RESEARCH WAGHOLI, PUNE , MAHARASHTRA** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "**Recent Trends of Emerging Research Advances in Design Aspects and Innovative Modeling Techniques with Miniaturization for Electronics Devices and Circuits** " from **24/01/2022** to **28/01/2022** at **Engineering Degree Division, Institute of Engineering and Rural Technology, Prayagraj** .

Advisor-I, ATAL Academy
Mamta Rani Agarwal

Coordinator

Faculty Orientation Workshop

On

T. E. (E&TC) Revised Syllabus 2019C.

Subject: Project Management [304193]

Under aegis of Board of Studies (E&TC), SPPU Pune

(Jan 27-29, 2022) (Online Mode)

E-Certificate of Participation

This is to certify that, **Dr./Mr/Mrs/Ms   Sheetal dubal**   of   **JSPM BSIOTR**

has attended Faculty Orientation Workshop on TE(E&TC) revised syllabus (2019C) under the aegis of Board of

Studies (E&TC), Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering, Pimpri Chinchwad

College of Engineering, Nigdi, Pune from 27/01/2022 to 29/01/2022

Dr. S. L. Tade	Dr. M. T. Kolte	Dr. N. B. Chopade	Dr. G. N. Kulkarni	Dr. D. S. Bormane	Dr. M. G. Chaskar
Faculty Coordinator	HOD E&TC PCCoE	Dy. Director PCCoE	Director PCCoE	Chairman BoS (E&TC)	Dean Faculty of Sci. & Tech. SPPU

Department of Electronics and Telecommunication Engineering
Academic Year:2022-23

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years.

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2022-23	Dr.Yogesh S. Angal	Professor	NPTEL-AICTE FDP on Control Engineering	Jan-Apr 2023
2022-23	Dr.Yogesh S. Angal	Professor	NPTEL-AICTE FDP on Data Analytics with Python	Jan-Apr 2023
2022-23	Dr.Yogesh S. Angal	Professor	Organised FDP on PLC, SCADA and Automation for BE(E&TC)	14/06/2022 to 17/06/2022
2022-23	Dr.Yogesh S. Angal	Professor	Two-day National Level Workshop on Implementation of National Education Policy 2020-Research & Development	10/02/2023 to 11/02/2023
2022-23	Dr.Yogesh S. Angal	Professor	Organised IETE National Level Project Compettion 2023	26/04/2023
2022-23	Dr. Anil L Wanare	Professor	Faculty Orientation Workshop on Deep Learning	14/06/2022 to 17/06/2022
2022-23	Dr. Anil L Wanare	Professor	Faculty Orientation Workshop on Digital Marketing	30/01/2023 to 01/02/2023
2022-23	Dr. Anil L Wanare	Professor	Five days FDP on Business Intelligence in Data Science	30/01/2023 to 03/02/2023
2022-23	Dr. Anil L Wanare	Professor	Two-day National Level Workshop on Implementation of National Education Policy 2020-Research & Development	10/02/2023 to 11/02/2023
2022-23	Dr. Anil L Wanare	Professor	IP Awareness/Training program	25/01/2023
2022-23	Dr. Anil L Wanare	Professor	Coordinator IETE National Level Project Compettion 2023	26/04/2023
2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	NPTEL Online Certification on Principles of Communication Systems - 1	Jan-Apr 2023
2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	IP Awareness/Training program	02-08-2022
2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	Faculty Orientation Workshop on VLSI Design and Technology	14/06/2022 to 17/06/2022

JAYAWANT SHIKSHAN PRASARAK MANDAL's
Bhivarabai Sawant Institute of Technology & Research
(Approved by AICTE New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)
Gat No. 719/1 & 2, Wagholi, Pune-Nagar Road, Pune-412207
Ph : 020-69733108, 69211054, 67333100
Telefax : 020-67333100
Website : www.bsiotr.edu.in / www.bsiotr.org
EN 9511/CEGP-015108

Prof. Dr. T. J. Sawant
B.E. (Elec.) PGDM, Ph.D
Founder Secretary

Dr. T.K. Nagaraj
Principal

Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru
National Board of Accreditation (NBA), New Delhi. Accredited Programs:
Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering

2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	Faculty Orientation Workshop on Android Development	30/01/2023 to 01/02/2023
2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	Five days ISTE Approved Short Term Training Program on Digital Marketing	13/03/2023 to 17/03/2023
2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on Recent Trends in Mobile Computing with Real Time Approach	27/03/2023 to 01/04/2023
2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	FDP on Outcome Based Education through Student Centric Teaching Learning Process	22/05/2023 to 26/05/2023
2022-23	Mrs.Meenakshi Annamalai	Assistant Professor	Coordinator IETE National Level Project Compettion 2023	26/04/2023
2022-23	Mr.Yogesh S.Bahendwar	Assistant Professor	Faculty Orientation Workshop on JAVA Script	14/06/2022 to 17/06/2022
2022-23	Mr.Yogesh S.Bahendwar	Assistant Professor	Faculty Orientation Workshop on Android Development	30/01/2023 to 01/02/2023
2022-23	Mr.Yogesh S.Bahendwar	Assistant Professor	Two day National Level Workshop on Implementation of National Education Policy 2020-Research & Development	10/02/2023 to 11/02/2023
2022-23	Mrs.Suchipriya V. Malge	Assistant Professor	Faculty Orientation Workshop on Mobile Computing	30/1/2023 to 1/2/2023
2022-23	Mrs.Suchipriya V. Malge	Assistant Professor	Embedded System Design Using Raspberry Pi	25/02/2023
2022-23	Mrs.Suchipriya V. Malge	Assistant Professor	Five days ISTE Approved Short Term Training Program on Digital Marketing	13/03/2023 to 17/03/2023
2022-23	Mrs.Suchipriya V. Malge	Assistant Professor	FDP on Outcome Based Education through Student Centric Teaching Learning Process	22/05/23 to 26/05/23
2022-23	Mrs.Suchipriya V. Malge	Assistant Professor	FDP on Recent Trends in Mobile Computing with Real Time Approach	27/03/2023 to 01/04/2023
2022-23	Mrs.Poonam V. Gawade	Assistant Professor	NPTEL Online Certification on Principles of Communication Systems - 1	Jan-Apr 2023
2022-23	Mrs.Poonam V. Gawade	Assistant Professor	Faculty Orientation Workshop on Digital Business Management	31/1/2023 to 1/2/2023
2022-23	Mrs.Poonam V. Gawade	Assistant Professor	Five days ISTE Approved Short Term Training Program on Digital Marketing	13/03/2023 to 17/03/2023

JAYAWANT SHIKSHAN PRASARAK MANDAL's
Bhivarabai Sawant Institute of Technology & Research
(Approved by AICTE New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)
Gat No. 720 & 2, Wagholi, Pune-Nagar Road, Pune-412207
Ph : 020-67333108, 6521705, 67333106
Telefax : 020-67333104
Website : www.jspm.edu.in / www.bsiotr.org
EN 5511/CEGP-015108

Prof. Dr. T. J. Sawant
B.E. (Elec.) FIEE, Ph.D
Founder Secretary

Dr. T.K. Nagaraj
Principal

Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru
National Board of Accreditation (NBA), New Delhi. Accredited Programs:
Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering

2022-23	Mrs.Poonam V. Gawade	Assistant Professor	FDP on Outcome Based Education through Student Centric Teaching Learning Process	22/05/23 to 26/05/23
2022-23	Mrs.Poonam V. Gawade	Assistant Professor	FDP on Recent Trends in Mobile Computing with Real Time Approach	27/03/2023 to 01/04/2023
2022-23	Mrs.Poonam V. Gawade	Assistant Professor	Workshop on Industrial Approach in Electronics & Arduino Programming	09/04/2023 to 13/04/2023
2022-23	Ms.Sneha D.Dhere	Assistant Professor	Embedded System Design Using Raspberry Pi	25/02/2023
2022-23	Ms.Sneha D.Dhere	Assistant Professor	Professional Training Program on Digital Badging	30/12/2022
2022-23	Ms.Sneha D.Dhere	Assistant Professor	Faculty Orientation Workshop on Embedded System Design	30/01/2023 to 01/02/2023
2022-23	Ms.Sneha D.Dhere	Assistant Professor	Workshop on Industrial Approach in Electronics	17/04/2023 to 19/04/2023
2022-23	Ms.Sneha D.Dhere	Assistant Professor	Introduction to Applied Cryptography	16/05/2023
2022-23	Mr. Nilesh A. Mohota	Assistant Professor	Faculty Orientation Workshop on Fiber Optic Communication	30/01/2023 to 01/02/2023
2022-23	Mr. Manoj S.Sonune	Assistant Professor	Faculty Orientation Workshop on Radiation and Microwave Theory	14/06/2022 to 17/06/2022
2022-23	Mr. Manoj S.Sonune	Assistant Professor	FDP on Outcome Based Education through Student Centric Teaching Learning Process	22/05/23 to 26/05/23
2022-23	Mrs.Jayshree Y. Suryawanshi	Assistant Professor	FDP on Outcome Based Education through Student Centric Teaching Learning Process	22/05/23 to 26/05/23
2022-23	Mrs.Jayshree Y. Suryawanshi	Assistant Professor	Workshop on Industrial Approach in Electronics & Arduino Programming	09/04/2023 to 13/042023
2022-24	Mrs.Jayshree Y. Suryawanshi	Assistant Professor	FDP on Recent Trends in Mobile Computing with Real Time Approach	27/03/2023 to 01/04/2023
2022-23	Mr, Aniket Gunjal	Assistant Professor	Workshop on Industrial Approach in Electronics	09/04/2023 to 13/042023

HOD E&TC BSIOTR
H. O. D.
Electronics & Telecommunication Dept.
Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune-412 207

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to

YOGESH SURESH ANGAL

for successfully completing the course

Control Engineering

with a consolidated score of **67** %

Online Assignments	21.91/25	Proctored Exam	45.55/75

Total number of candidates certified in this course: **131**

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023
(12 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to

YOGESH SURESH ANGAL

for successfully completing the course

Data Analytics with Python

with a consolidated score of **66** %

Online Assignments	19.38/25	Proctored Exam	46.28/75

Total number of candidates certified in this course: **7860**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2023

(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

swayam
FREE ONLINE EDUCATION
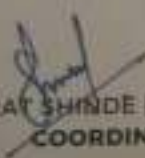
DHOLE PATIL COLLEGE OF ENGINEERING, PUNE

ACCREDITED WITH A+ GRADE BY NAAC

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms/Dr/Prof _Anil Wanare_ from _ISPM'S BSIOTR, Wagholi, Pune_ has participated in "Two-Day National Level Workshop" on *"Implementation of National Education Policy 2020- Research & Development "* organized by *Dhole Patil college of Engineering, Pune* under Quality Improvement Program in association with *Savitribai Phule Pune University, Pune* during February 10-11, 2023.

_—11/2/23_

DR. BHARAT SHINDE | DR. GOPAL ALAPURE
COORDINATORS

DR. OMPRAKASH RAJANKAR
CO-CONVENER

DR. NIHAR WALIMBE
PRINCIPAL & CONVENER

IETE PUNE CENTRE

Raghuraj, 62, Indira Nagar, Erandawane, Pune - 411004. **Phone** : (020) 25449762 **E-mail** : ietepune5@gmail.com

CERTIFICATE

This is to Certify that Prof.(Dr.) _____ Anil L Wandre _____

of _JSPM's Bhivrabai Sawant Institute of Technology & Research, Wagholi, Pune-412207_

has worked as an Co-ordinator in organizing the **"National Level Project Competition 2023"** organized by The Institution

of Electronics and Telecommunications Engineers on _____ 26ᵗʰ April 2023 _____

at _JSPM's Bhivrabai Sawant Institute of Technology & Research, Wagholi, Pune-42207_

We look forward to work more with you in future and appreciate all that you have done for IETE.

Dr. Daulappa G. Bhalke
Hon. Secretary,
IETE, Pune Centre

Dr. Virendra V. Shete
Chairman
IETE, Pune Centre
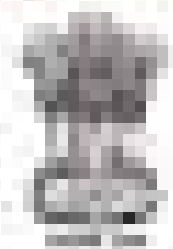
This is to certify that, **DR. ANIL LAXMAN WANARE , FACULTY** of **JSPM'S BHIWARABAI SAWANT INSTITUTE OF TECHNOLOGY & RESEARCH, PUNE** has successfully participated in IP Awareness/Training program under

on January 25,2023

Intellectual Property Office, India

Date:February 02,2023

"Empowerment through quality technical education"

AJEENKYA
DY Patil School of Engineering

Approved by AICTE, Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University, MSBTE

CERTIFICATE
OF PARTICIPATION

Department of Electronics and Telecommuniction Engineering

This is to certify that

Dr. Anil Laxman Wanare

from

JSPM'S BSIOTR PUNE

has participated in one Week Faculty Development Program on

"Business Intelligence in Data Science"

from 30th January 2023 to 3rd February 2023

Prof. Shital Patil	Prof. Swati Khawate	Dr. Sharan Inamdar	Dr. Farook B. Sayyad	Dr. Kamaljeet Kaur
(Co-ordinator)	(Co-ordinator)	(HoD, E&TC Engg.)	(Principal)	(Director - TC)

BoS, SPPU

Board of Studies (E&TC/Electronics)
Savitribai Phule Pune University

ZES's

Zeal College of
Engineering & Research, Narhe, Pune

Faculty Orientation Workshop

B. E. (E&TC/Electronics) Revised Syllabus 2019C.
Subject: Digital Marketing(Elective 6)

E-Certificate of Participation..!

This is to certify that,

WANARE ANIL LAXMAN

JSPM'S BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH

has attended Faculty Orientation Workshop on BE(E&TC) revised syllabus (2019C) under the aegis of Board of Studies (E&TC), Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering, Zeal College of Engineering & Research, Narhe, Pune from 30/01/2023 to 01/02/2023.

| **Mrs. P. A. More** | **Prof.V.A.Mane** | **Dr. A. M. Kate** | **Dr. D. S. Bormane** | **Dr. Manohar Chaskar** |
| **Faculty Coordinator** | **HOD, E&TC, ZCOER** | **Principal, ZCOER** | **Chairman BoS (E&TC)** | **Dean Faculty of Sci. & Tech. SPPU** |

BoS, SPPU

Board of Studies (E&TC/Electronics)
Savitribai Phule Pune University

DYPIEMR

Dr D Y Patil Institute
of Engineering, Management & Research

Faculty Orientation Workshop

B. E. (E&TC/Electronics) Revised Syllabus 2019.
Subject: Deep Learning

E-Certificate of Participation..!

This is to certify that,
Dr. Anil L Wanare of **JSPM BSIOTR WAGHOLI PUNE**

has attended Faculty Orientation Workshop on BE(E&TC) revised syllabus (2019) under the aegis of Board of Studies (E&TC/Elex.), Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering, Dr D Y Patil Institute of Engineering, Management and Research, Pune from 14/07/2022 to 16/07/2022.

Mrs L.Balaji,Mrs Sandhya .Shinde Faculty Coordinator	Dr.Priya Charles HOD, E&TC	Dr. A.V Patil Principal, DYPIEMR	Dr. D. S. Bormane Chairman BoS (E&TC)	Dr. M. G. Chaskar Dean Faculty of Sci.& Tech.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MEENAKSHI ANNAMALAI

for successfully completing the course

Principles of Communication Systems - I

with a consolidated score of **85** %

Online Assignments	21.56/25	Proctored Exam	63/75

Total number of candidates certified in this course: **217**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Apr 2023
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam
FREE ONLINE EDUCATION

JSPM's
Bhivarabai Sawant Institute of Tech. & Research, Wagholi, Pune.

Accredited by NAAC ,Bengaluru.(Electrical, E & TC and IT accredited by NBA, New Delhi.)

CERTIFICATE OF PARTICIPATION

This certificate is presented to

Meenakshi Annamalai

of **JSPM's Bhivarabai Sawant Institute of Technology and Research**

has participated in One Week National Level Online Faculty Development Program On **"Outcome Based Education through Student Centric Teaching-Learning Process"** held from 22/05/2023 to 26/05/2023 Organized by **Department of Engineering Science , BSIOTR Wagholi,Pune** in association with **"IETE Pune Centre"& "IEEE Communication Society Pune Chair".**

Coordinator
Dr.Manjusha Patil

Coordinator
Mr.S.D.Bhourgunde

Convener
Dr.Swati Godse

Principal
Dr.T.K.Nagaraj

Indian Society for Technical Education
Shaheed Jeet Singh Marg New Delhi – 110 016

CERTIFICATE

This is to certify that Mr/Ms. **MEENAKSHI ANNAMALAI** has successfully completed ISTE approved SF-STTP/FDP Programme on "**Digital Marketing**" held during **13.03.2023** to **17.03.2023** organized by **K J College of Engineering and Management Research, Pune, Maharashtra.**

P-2023/6950

Executive Secretary
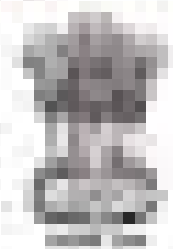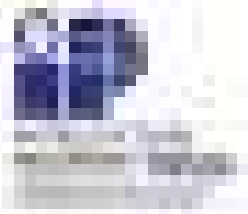
This is to certify that, **MS. MEENAKSHI ANNAMALAI , FACULTY** of **JSPM'S BSIOTR** has successfully participated in IP Awareness/Training program under

on August 02,2022

Intellectual Property Office, India

Date:August 03,2022

Online Faculty Orientation Program Under the Aegis of BoS (E&TC); SPPU, Pune BE (E&TC) Revised Syllabus 2019 Course.
(30 Jan.-1 Feb. 2023)

This is to certify that

Meenakshi Annamalai ,JSPM's BSIOTR

has participated in 3 day Online Faculty Orientation Program on BE(E&TC) Revised Syllabus 2019 Course for the Subject **Android Development (404191(C))- Elective-V** Organized by Department of E&TC Engineering , Bharati Vidyapeeth's College of Engineering for Women, Pune-43.

Dr.V.R.Pawar	**Prof. Dr.S.R.Patil**	**Prof.Dr.D.S.Bormane**	**Dr.Manohar Chaskar**
Co-ordinator	**Principal,BVCOEW,Pune Convener**	**Chairman, BoS (E&TC)**	**Dean Faculty of Sci.& Tech.SPPU**

Faculty Orientation Workshop

On

B. E. (E&TC) Revised Syllabus 2019 Course.
Subject: VLSI Design & Technology
Under aegis of Board of Studies (E&TC), Savitribai Phule Pune University,Pune

14-16 July, 2022

Certificate of e-Participation

This is to certify that, __**Meenakshi Annamalai**__ has attended Faculty Orientation Workshop on BE(E&TC) revised syllabus (2019 Course) under the aegis of Board of Studies (E&TC), Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering, Sinhgad College of Engineering, Pune 41 during 14-16 July,2022.

Prof. J. A. Desai	**Dr. M. B. Mali**	**Dr. S. D. Lokhande**	**Dr. D. S. Bormane**	**Dr. M. G. Chaskar**
Coordination	**HOD, E&TC, SCOE**	**Principal, SCOE, Pune**	**Chairman BoS (E&TC)**	**Dean Faculty of Sci. & Tech. SPPU**

IETE PUNE CENTRE

Raghuraj, 82, Indira Nagar, Erandawane, Pune - 411004, Phone : (020) 25449762 E-mail : ietepunc5@gmail.com

CERTIFICATE

This is to Certify that Prof.(Dr.) __Minakshi A.__

of __JSPM's Bhivrabai Sawant Institute of Technology & Research, Wagholi Pune__

has worked as an Co-ordinator in organizing the **"National Level Project Competition 2023"** organized by The Institution

of Electronics and Telecommunications Engineers on __26th April 2023__

at __JSPM's Bhivrabai Sawant Institute of Technology & Research, Wagholi Pune__

We look forward to work more with you in future and appreciate all that you have done for IETE.

Dr. Daulappa G. Bhalke
Hon. Secretary,
IETE, Pune Centre

Dr. Virendra V. Shete
Chairman
IETE, Pune Centre

DHOLE PATIL COLLEGE OF ENGINEERING, PUNE

ACCREDITED WITH A+ GRADE BY NAAC

DPES
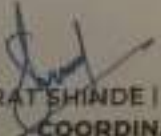
CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms/Dr/Prof Yogesh S. Bahendwar from

JSPM's BSIOTR, Wagholi, Pune has participated in

"Two-Day National Level Workshop" on "Implementation of National Education Policy 2020- Research & Development " organized by Dhole Patil college of Engineering, Pune under Quality Improvement Program in association with Savitribai Phule Pune University, Pune during February 10-11, 2023.

DR. BHARAT SHINDE | DR. GOPAL ALAPURE
COORDINATORS

5/2/23

DR. OMPRAKASH RAJANKAR
CO-CONVENER

DR. NIHAR WALIMBE
PRINCIPAL & CONVENER

Faculty Orientation Workshop

B. E. (E&TC/Electronics) Revised Syllabus 2019C.
Subject: JavaScript

E-Certificate of Participation..!

This is to certify that,

_ Yogesh Sayajirao Bahendwar _
of **JSPM'S BSIOTR Wagholi Pune**

has attended Faculty Orientation Workshop on SE(E&TC) revised syllabus (2019C) under the aegis of Board of Studies (E&TC/Elex.), Savitribai Phule Pune University, organized by, Dept. of Computer Engineering, Matoshri College of Engineering & Research Centre, Nashik from 14/07/2020 to 16/07/2020.

Dr. S.A. Bhavsar
Faculty Coordinator

Dr. V.H. Patil
HOD, Comp.Engg.

Dr. G.K. Kharate
Principal, MCOERC

Dr. D. S. Bormane
Chairman BoS (E&TC)

Dr. M. G. Chaskar
Dean Faculty of Sci. & Tech. SPPU

Made for free with Certify'em

Online Faculty Orientation Program Under the Aegis of BoS (E&TC); SPPU, Pune BE (E&TC) Revised Syllabus 2019 Course.
(30 Jan.-1 Feb. 2023)

This is to certify that

Yogesh Sayajirao Bahendwar , JSPM's BSIOTR Wagholi Pune

has participated in 3 day Online Faculty Orientation Program on BE(E&TC) Revised Syllabus 2019 Course for the Subject Android Development (404191(C))- Elective-V Organized by Department of E&TC Engineering , Bharati Vidyapeeth's College of Engineering for Women, Pune-43.

Dr.V.R.Pawar	**Prof. Dr.S.R.Patil**	**Prof.Dr.D.S.Bormane**	**Dr.Manohar Chaskar**
Co-ordinator	**Principal,BVCOEW,Pune**	**Chairman, BoS (E&TC)**	**Dean Faculty of Sci.& Tech.SPPU**
	Convener		

SYMBIOSIS INSTITUTE OF TECHNOLOGY

Workshop on Embedded System Design Using Raspberry Pi

CERTIFICATE OF PARTICIPATION

Celebrating 50 Years of Excellence

This is to certify that **Suchipriya Vinayak Malge** has participated in one day offline hands on workshop on 'Embedded System Design Using Raspberry Pi'. This session was organized by the Department of Electronics and Telecommunication Engineering, Symbiosis Institute of Technology, Pune on February 25, 2023.

Dr. Harikrishnan R.
Associate Professor

Dr. Pritesh Shah
HoD, E&TC, SIT

SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

Established under Section 3 of the UGC Act, 1956 | **Re-accredited by NAAC with 'A++' Grade (3.56/4)** | **Awarded Category – I by UGC**

Faculty Orientation Workshop

On

B. E. (E&TC/Electronics) Revised Syllabus 2019

Subject: Mobile Computing

Under aegis of Board of Studies (E&TC/Electronics), SPPU Pune
(30th January to 1st February 2023) (Online Mode)

Sinhgad Institutes

SPPU Pune

E-Certificate of Participation..!

This is to certify that

of

has attended Faculty Orientation Workshop on BE(E&TC) revised syllabus (2019) under the aegis of Board of Studies (E&TC/Elex.), Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering, STE'S Sinhgad Institute of Technology and Science ,Narhe,Pune -41, from 30/01/2023 to 1/02/2023.

Mr. R.R.Kubde
Co-coordinator

Dr. V.M.Rohokale
HOD, E&TC, SITS

Dr. S.D.Markande
Principal, SITS

Dr. D. S. Bormane
Chairman BoS (E&TC)

Dr. M. G. Chaskar
Dean Faculty of Sci. & Tech. SPPU

Indian Society for Technical Education
Shaheed Jeet Singh Marg New Delhi – 110 016

CERTIFICATE

This is to certify that Mr/Ms. **SUCHIPRIYA VINAYAK MALGE** has successfully completed ISTE approved SF-STTP/FDP Programme on "**Digital Marketing**" held during **13.03.2023** to **17.03.2023** organized by **K J College of Engineering and Management Research, Pune, Maharashtra.**

P-2023/6947

Executive Secretary

JSPM's

Bhivarabai Sawant Institute of Tech.
& Research, Wagholi, Pune.

Accredited by NAAC, Bengaluru.(Electrical, E & TC and IT accredited by NBA, New Delhi.)

CERTIFICATE OF PARTICIPATION

This certificate is presented to

Suchipriya Malge

of _____ **JSPMs BSIOTR** _____

has participated in One Week National Level Online Faculty Development Program On **"Outcome Based Education through Student Centric Teaching-Learning Process"** held from 22/05/2023 to 26/05/2023 Organized by **Department of Engineering Science , BSIOTR Wagholi, Pune** in association with **"IETE Pune Centre"& "IEEE Communication Society Pune Chair".**

Coordinator
Dr.Manjusha Patil

Coordinator
Mr.S.D.Bhourgunde

Convener
Dr.Swati Godse

Principal
Dr.T.K.Nagaraj

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI PUNE-412207 (BSIOTR)

Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University, Accredited by NBA and NAAC

Department of Electronics and Telecommunication Engineering

Organized One Week Online Faculty Development Program (FDP)

On

"Recent Trends in Mobile Computing with Real Time Approach"

CERTIFICATE

This is to certify that **Prof. Malge Suchipriya Vinayak** from **JSPM's, BSIOTR, Wagholi** has **organized** One Week Online FDP on **"Recent Trends in Mobile Computing with Real Time Approach",** Organized Under the aegis of *"IETE Pune Centre" and "IEEE Communication Society Pune Chair"* from 27/03/2023 to 01/04/2023.

Dr. Y. S. Angal	**Dr. M. M. Jadhav**	**Dr. V. V. Shete**	**Dr. T. K. Nagaraj**
Convener & HOD E&TC	IEEE Communication Society, Pune Chair	Chairman, IETE Pune Centre	Principal, BSIOTR

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MRS POONAM VINAYAK GAWADE

for successfully completing the course

Principles of Communication Systems - I

with a consolidated score of **87** %

Online Assignments	20.94/25	Proctored Exam	66/75

Total number of candidates certified in this course: **217**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Apr 2023
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

JSPM's

Bhivarabai Sawant Institute of Tech. & Research,Wagholi, Pune.

Accredited by NAAC ,Bengaluru.(Electrical, E & TC and IT accredited by NBA, New Delhi.)

CERTIFICATE OF PARTICIPATION

This certificate is presented to

Poonam Gawade

of   JSPM's BSIOTR, Wagholi

has participated in One Week National Level Online Faculty Development Program On **"Outcome Based Education through Student Centric Teaching-Learning Process"** held from 22/05/2023 to 26/05/2023 Organized by **Department of Engineering Science , BSIOTR Wagholi,Pune** in association with **"IETE Pune Centre"**& **"IEEE Communication Society Pune Chair"**.

Coordinator	Coordinator	Convener	Principal
Dr.Manjusha Patil	Mr.S.D.Bhourgunde	Dr.Swati Godse	Dr.T.K.Nagaraj

Electronics Study Centre

JSPM's Bhivarabai Sawant Institute
of Technology & Research Wagholi- Pune.

(NAAC and NBA Accrediated, Approved by AICTE Affiliated to SPPU)

website : www.escworkshop.in

email : escelectronics@gmail.com

Certificate

This is to certify that,

Prof. Mr./Mrs. *Poonam V. Gawade*

has satisfactory worked as co-ordinator for workshop on

" Industrial Approach in Electronics
& Arduino Programming "

(Study of Components - Identification, Testing, PCB Designing and Assembling of Innovative Projects
Arduino programming with interfacing switch, LED, LDR, Thermistor, soil moisture, LCD, GSM Module)

held during 09 - 04 - 2023 To 13 - 04 - 2023

Organized by

Department of Electronics & Telecommunication Engineering

JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi- Pune.

Y.S. Angal

Dr. Yogesh S. Angal
HOD (E & T C)
JSPM's BSIOTR

Dr. T. K. Nagaraj
Principal
JSPM's BSIOTR

Sanjay Chaudhari
Director
Electronics Study Centre

Department of Electronics and Telecommunication Engineering

Organized One Week Online Faculty Development Program (FDP)

On

"Recent Trends in Mobile Computing with Real Time Approach"

CERTIFICATE

This is to certify that **Prof. Gawade Poonam Vinayak** from **JSPM's, BSIOTR, Wagholi** has organized One Week Online FDP on **"Recent Trends in Mobile Computing with Real Time Approach",** Organized Under the aegis of ***"IETE Pune Centre" and "IEEE Communication Society Pune Chair"*** from 27/03/2023 to 01/04/2023.
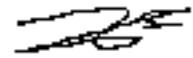
Dr. Y. S. Angal	**Dr. M. M. Jadhav**	**Dr. V. V. Shete**	**Dr. T. K. Nagaraj**
Convener & HOD E&TC	IEEE Communication Society, Pune Chair	Chairman, IETE Pune Centre	Principal, BSIOTR

BoS, SPPU
Board of Studies (E&TC/Electronics)
Savitribai Phule Pune University

AISSMS
COLLEGE OF ENGINEERING
Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra
Affiliated to Savitribai Phule Pune University (Acknowledged by and 12(B) by UGC
(at the PU PN Engg /-/50) (1951)
(Accredited by NAAC with grade A+)

Faculty Orientation Workshop

B.E. E&TC Revised Syllabus 2019 Course
Subject : Digital Business Management

Certificate of Participation..!

This is to certify that,

Mrs. Poonam Vinayak Gawade

of **JSPM's BSIOTR, Wagholi** has attended Faculty Orientation Workshop on B.E. E&TC revised syllabus 2019 for the subject **Digital Business Management** under the aegis of Board of Studies E&TC, Savitribai Phule Pune University, Pune organized by Department of E&TC, **AISSMS College of Engineering, Pune** from 31/01/2023 to 01/02/2023.

Dr. S. B. Dhonde
HOD E&TC & Co-ordinator

Dr. D. S. Bormane
Ex-Chairman BoS E&TC, SPPU
Principal AISSMS COE, Pune

Dr. M G Chaskar
Dean Faculty of Sci. & Tech. SPPU

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K J College of Engineering and Management Research

(Near Khadimachine Chowk, Kondhwa Annexe, Pune 411 048, <u>www.kjei.edu.in/kjcoemr</u>)

CERTIFICATE OF PARTICIPATION

This is to certify that

Poonam Vinayak Gawade

from

JSPM's BSIOTR

has successfully participated in "**One week ISTE Approved Short Term Training Program on <u>Digital Marketing</u>**" organized by Department of Electronics and Telecommunication Engineering, KJCOEMR, Pune-48 on **13th-17th March 2023**.

Prof. S. J. Kale
STTP, Coordinator

Dr. P. U. Chavan
Convener & HOD

Dr. S. S. Khot
Patron & Principal

Electronics Study Centre

JSPM's Bhivarabai Sawant Institute of Technology & Research Wagholi- Pune.

(NAAC and NBA Accrediated, Approved by AICTE Affiliated to SPPU)

website : www.escworkshop.in

email : escelectronics@gmail.com

Certificate

This is to certify that,

Prof. Mr./Mrs. *Sneha D. Dhere*

has satisfactory worked as co-ordinator for workshop on

" Industrial Approach in Electronics"

(Study of Components - Identification, Testing, PCB Designing and Assembling of Innovative Projects)

held during 17 - 04 - 2023 To 19 - 04 - 2023

organized by

Department of Electronics & Telecommunication Engineering

JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi- Pune.

Y. S. Angal

Dr. Yogesh S. Angal
HOD (E & T C)
JSPM's BSIOTR

Dr. T. K. Nagaraj
Principal
JSPM's BSIOTR

Sanjay Chaudhari
Director
Electronics Study Centre

CERTIFICATE

OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

Sneha Dhere

For successfully completing the one-hour **Professional Training Program on Digital Badging**

CEO, Rohit Kumar

Dec 30, 2022

DATE

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843573564182

SYMBIOSIS INSTITUTE OF TECHNOLOGY

Workshop on Embedded System Design Using Raspberry Pi

CERTIFICATE OF PARTICIPATION

Celebrating 50 Years of Excellence

This is to certify that **Ms. Sneha Dhere** has participated in one day offline hands on workshop on 'Embedded System Design Using Raspberry Pi'. This session was organized by the Department of Electronics and Telecommunication Engineering, Symbiosis Institute of Technology, Pune on February 25, 2023.

Dr. Harikrishnan R.
Associate Professor

Dr. Pritesh Shah
HoD, E&TC, SIT

SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

Established under Section 3 of the UGC Act, 1956 | **Re-accredited by NAAC with 'A++' Grade (3.56/4)** | **Awarded Category – I by UGC**

UNIVERSITY OF LONDON

COURSE CERTIFICATE

May 16, 2023

SNEHA DEORAO DHERE

has successfully completed

Introduction to Applied Cryptography

an online non-credit course authorized by University of London and offered through Coursera

Professor Keith M. Martin
Professor of Information Security
Information Security Group

Verify at:

Faculty Orientation Workshop

On

B. E. (E&TC) Revised Syllabus 2019 Course
Subject: Embedded System Design [404191]

Under aegis of Board of Studies (E&TC), SPPU Pune
(Jan 30th – Feb 1st, 2023) (Online Mode)

E-Certificate of Participation..!

SANDIP FOUNDATION

SPPU Pune

This is to certify that, **Dr./Mr./Mrs./Ms. Prof. Sneha Dhere** of **Bhivarabai Sawant Institute of Technology and Research, Pune** has attended Faculty Orientation Workshop on B.E. (E&TC) Revised Syllabus (2019 Course) under the aegis of Board of Studies (E&TC), Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering, Sandip Institute of Technology and Research Centre, Nashik held from 30/01/2023 to 01/02/2023.

Dr. O. S. Vaidya	Dr. G. M. Phade	Dr. M. M. Patil	Dr. D. S. Bormane	Dr. M. G. Chaskar
Coordinator	Convener & HOD - E&TC	Principal, SITRC	Chairman BoS (E&TC)	Dean Faculty of Sci. & Tech. SPPU

Bhivarabai Sawant Institute of Tech. & Research, Wagholi, Pune.

Accredited by NAAC ,Bengaluru.(Electrical, E & TC and IT accredited by NBA, New Delhi.)

CERTIFICATE OF PARTICIPATION

This certificate is presented to

Manoj Sheshrao Sonune

of **BSIOTR**

has participated in One Week National Level Online Faculty Development Program On **"Outcome Based Education through Student Centric Teaching-Learning Process"** held from 22/05/2023 to 26/05/2023 Organized by **Department of Engineering Science , BSIOTR Wagholi,Pune** in association with **"IETE Pune Centre"& "IEEE Communication Society Pune Chair".**

Coordinator
Dr.Manjusha Patil

Coordinator
Mr.S.D.Bhourgunde

Convener
Dr.Swati Godse

Principal
Dr.T.K.Nagaraj

BoS, SPPU

**Board of Studies (E&TC/Electronics)
Savitribai Phule Pune University**

Amrutvahini Sheti & Shikshan Vikas Sanstha's

**Amrutvahini College of Engineering,
Sangamner**

Faculty Orientation Workshop

B. E. (E&TC/Electronics) Revised Syllabus 2019C.

Subject: Radiation & Microwave Theory

E-Certificate of Participation..!

This is to certify that,

Manoj Sheshrao Sonune

of **Bhivrabai Sawant Institute of Technology and Research**

has attended Faculty Orientation Workshop on BE(E&TC) revised syllabus (2019C) under the aegis of Board of Studies (E&TC), Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering, Amrutvahini College of Engineering, Sangamner from 14/07/2022 to 16/07/2022.

Prof. Ms. R.N. Deokar	**Dr. Ms. R.P. Labade**	**Dr. M. A. Venkatesh**	**Dr. D. S. Bormane**	**Dr. M. G. Chaskar**
Co-Coordinator	**Coordinator, HOD, E&TC,**	**Principal, AVCOE**	**Chairman BoS (E&TC)**	**Dean Faculty of Sci. & Tech. SPPU**

BoS, SPPU

Board of Studies (E&TC)
Savitribai Phule Pune University

PVG's

College of Engineering and Technology
& G K Pate(Wani) Institute of Management, Pune

Faculty Orientation Workshop

B. E. (E&TC) Revised Syllabus 2019Course
Subject: Fiber Optic Communication (FOC)

E-Certificate of Participation..!

This is to certify that,

Prof.Nilesh Mohota

of   **Bhivarabai Sawant Institute of Technology and Research** .

has attended Faculty Orientation Workshop on BE(E&TC) revised syllabus (2019Course) under the aegis of Board of Studies (E&TC), Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering at PVG's COET & GKPIOM. Pune from 30/01/2023 to 1/02/2023.

Prof Tanuja S Khatavkar	Dr. Y. B Thakare	Dr. M. R. Tarambale	Dr. D. S. Bormane	Dr. M. G. Chaskar
Faculty Coordinator	HOD, E&TC	I/C Principal, PVGsCOET	Ex. Chairman BoS (E&TC)	Dean Faculty of Sci. & Tech. SPPU

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI PUNE-412207 (BSIOTR)

Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University, Accredited by NBA and NAAC

Department of Electronics and Telecommunication Engineering

Organized One Week Online Faculty Development Program (FDP)

On

"Recent Trends in Mobile Computing with Real Time Approach"

CERTIFICATE

This is to certify that **Prof. Jayashree Yogesh Suryawanshi** from **JSPM's BSIOTR** has attended One Week Online FDP on **"Recent Trends in Mobile Computing with Real Time Approach"**, Organized Under the aegis of *"IETE Pune Centre" and "IEEE Communication Society Pune Chair"* from 27/03/2023 to 01/04/2023.

Dr. Y. S. Angal	**Dr. M. M. Jadhav**	**Dr. V. V. Shete**	**Dr. T. K. Nagaraj**
Convener & HOD E&TC	IEEE Communication Society, Pune Chair	Chairman, IETE Pune Centre	Principal, BSIOTR

Electronics Study Centre

JSPM's Bhivarabai Sawant Institute of Technology & Research Wagholi- Pune.

(NAAC and NBA Accrediated, Approved by AICTE Affiliated to SPPU)

website : www.escworkshop.in

email : escelectronics@gmail.com

Certificate

This is to certify that,

Prof. Mr./Mrs. *Jayashree Y. Suryawanshi*

has satisfactory worked as co-ordinator for workshop on

" Industrial Approach in Electronics & Arduino Programming "

(Study of Components - Identification, Testing, PCB Designing and Assembling of Innovative Projects Arduino programming with interfacing switch, LED, LDR, Thermistor, soil moisture, LCD, GSM Module)

held during 09 - 04 - 2023 To 13 - 04 - 2023

Organized by

Department of Electronics & Telecommunication Engineering

JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi- Pune.

Y. S. Angal

Dr Yogesh S Angal
HOD (E & T C)
JSPM's BSIOTR

Dr. T K Nagaraj
Principal
JSPM's BSIOTR

Sanjay Chaudhari
Director
Electronics Study Centre

JSPM's

Bhivarabai Sawant Institute of Tech. & Research, Wagholi, Pune.

Accredited by NAAC, Bengaluru.(Electrical, E & TC and IT accredited by NBA, New Delhi.)

CERTIFICATE OF PARTICIPATION

This certificate is presented to

Jayshree Suryawanshi

of   **BSIOTR**

has participated in One Week National Level Online Faculty Development Program On **"Outcome Based Education through Student Centric Teaching-Learning Process"** held from 22/05/2023 to 26/05/2023 Organized by **Department of Engineering Science , BSIOTR Wagholi,Pune** in association with **"IETE Pune Centre"& "IEEE Communication Society Pune Chair"**.

Coordinator	Coordinator	Convener	Principal
Dr.Manjusha Patil	Mr.S.D.Bhourgunde	Dr.Swati Godse	Dr.T.K.Nagaraj

Electronics Study Centre

JSPM's Bhivarabai Sawant Institute
of Technology & Research Wagholi- Pune.

(NAAC and NBA Accrediated, Approved by AICTE Affiliated to SPPU)

website : www.escworkshop.in   email : escelectronics@gmail.com

Certificate

This is to certify that,

Prof. Mr./Mrs. *Aniket V. Gunjal*

has satisfactory worked as co-ordinator for workshop on

" Industrial Approach in Electronics & Arduino Programming "

(Study of Components - Identification, Testing, PCB Designing and Assembling of Innovative Projects
Arduino programming with interfacing switch, LED, LDR, Thermistor, soil moisture, LCD, GSM Module)

held during   09 - 04 - 2023   To   13 - 04 - 2023

Organized by

Department of Electronics & Telecommunication Engineering

JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi- Pune.

Y.S. Angal

Dr. Yogesh S. Angal
HOD (E & T C)
JSPM's BSIOTR

Dr. T. K. Nagaraj
Principal
JSPM's BSIOTR

Sanjay Chaudhari
Director
Electronics Study Centre

JAYAWANT SHIKSHAN PRASARAK MANDAL's
Bhivarabai Sawant Institute of Technology & Research
(Approved by AICTE New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)
Gat No. 719/1 & 2, Wagholi, Pune-Nagar Road, Pune-412207
Ph : 020-067335105, 65217050, 67335100
Telefax : 020-67335100
Website : www.jspm.edu.in / www.bsiotr.org
EN 6311 /UEGF-013106

Prof. Dr. T. J. Sawant
B.E. (Elec.) PGDM, Ph.D
Founder Secretary

Dr. T.K. Nagaraj
ME. (Civil Engg), Ph.D (Civil Engg)
LMISTE, LMIGR, LMIRC
LMISAMTT, LME
Principal

Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru
National Board of Accreditation (NBA), New Delhi. Accredited Programs:
Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering

Department of Information Technology

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Year 2021-22				
Year	Name of the participant	Designation	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2021-22	Prof.. Rekha Kotwal	Asst.prof.	One Week FDP on "Artificial Intelligence and Machine Learning"-IEEE	21-06-2021 TO 25-06-2021
2021-22	Prof. Rekha Kotwal	Asst.prof.	Digital teaching Techniquies	24-01-2022 TO 28-01-2022
2021-22	Prof.Vidya Jagtap	HOD	FDP On Udemy For Up Skilling	10-05-2022 TO 15-05-2022
2021-22	Prof.Bhagyashreee Kadam	Asst.prof.	FDP On Udemy For Up Skilling	11-05-2022 TO 16-05-2022
2021-22	Prof.Pranita Ingale	Asst.prof.	FDP On Udemy For Up Skilling	18-05-2022 TO 22-05-2022
2021-22	Prof.Rekha Kotwal	Asst.prof.	FDP On Udemy For Up Skilling	19-05-2022 TO 23-05-2022
2021-22	Prof Ashwini Taksal	Asst.Prof.	FDP On Udemy For Up Skilling	03-06-2022
2021-22	Prof. Prajwali Korade	Asst.prof.	FDP On Udemy For Up Skilling	03-06-2022

Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through techno-economic development"
Mission: "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship For all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral Standards"

Sir Padampat Singhania University
Udaipur, Rajasthan
(A NAAC Accredited Institution)
PROMOTED BY JKCement

IEEE
Advancing Technology for Humanity

IEEE
RAJASTHAN SUBSECTION

ONE WEEK FACULTY DEVELOPMENT PROGRAM ON

"Artificial Intelligence and Machine Learning"
(Organised in association with IEEE Rajasthan Subsection)

This is to certify that

Rekha Kotwal
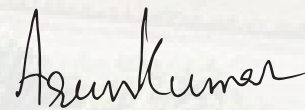
from

Dr.D.Y.Patil School of Engineering

has participated in the above program
from 21st June to 25th June 2021.

Dr. Mukesh Kalla
FDP Coordinator,
Head, Department of CSE,
Sir Padampat Singhania University,
Udaipur, India-313601.

Prof. (Dr). Arun Kumar
Dean, School of Engineering
Sir Padampat Singhania University
Udaipur, India-313601

PS WISDOM
IEEE SPSU
STUDENT BRANCH - STB100002

Course Contents

- Introduction to Artificial Intelligence and Machine Learning
- Supervised Learning-Regression
- Classification
- Unsupervised Learning- Clustering
- Statistical Learning Theory
- Tree based ML Models
- Tree based Ensemble Methods
- Markov decision process (MDP)
- Support Vector Machine Fundamentals
- Reinforcement Learning
- Neural Networks with Pattern Classification
- Convolutional Neural Networks

Practice sessions will be conducted to apply the above techniques in Python in an interactive format. All the coding will be performed on integrated development environment (IDE)(PyCharm) and Colab.

Registration Link:

https://edu.ieee.org/in-spsu/event-registration/
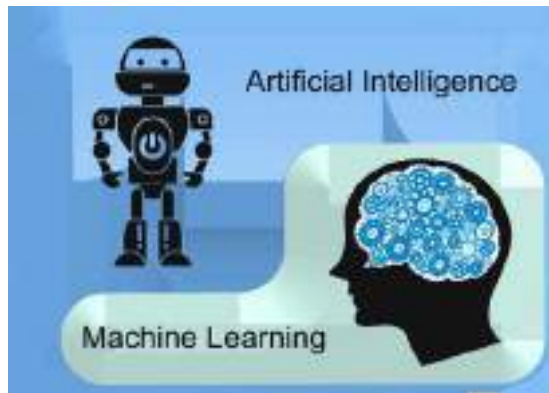
Note - The entire workshop is planned for online mode, given the prevailing scenario in the country.

About FDP

This Faculty Development Program (FDP) is designed to focus on the Artificial Intelligence and Machine Learning. We will discuss its concepts, types, algorithms, techniques, and practical for various applications. It will help to brush up the knowledge and skills of the faculty members of various academic institutions in India. This FDP will generate an ecosystem for research and provide the academic excellence in the system.

The objective of this FDP is to provide the theoretical and practical knowledge about the AIML. AIML has also opened interesting research and academic opportunities in Multi-disciplinary areas.

Organizing Committee

Patron

Prof. (Dr.) Shri Hari P Honwad
President
Sir Padampat Singhania University
Udaipur, Rajasthan

Coordinator

Dr. Mukesh Kalla
Assistant Professor and Head of Department
Department of Computer Science and Engineering
School of Engineering
Sir Padampat Singhania University
Udaipur, Rajasthan
Email: Mukesh.kalla@spsu.ac.in
Phone No.: 94143 08074

SCHOOL OF ENGINEERING

**SIR PADAMPAT SINGHANIA UNIVERSITY
UDAIPUR - 313601**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ORGANIZING

A

**5 DAYS ONLINE
FACULTY DEVELOPMENT PROGRAM
ON**

Artificial Intelligence and Machine Learning (AIML)

21st -25th June 2021

In Association With
IEEE Rajasthan Sub section

Coordinator
Dr. Mukesh Kalla
Assistant Professor and Head of Department
Department of Computer Science and Engineering

Website: http://www.spsu.ac.in
Email: mukesh.kalla@spsu.ac.in

Faculty Development Program

On

Artificial Intelligence and Machine Learning (AIML)

21st to 25th June 2021

Organized By

Department of Computer Science and Engineering

School of Engineering, Sir Padampat Singhania University, Udaipur, in association with IEEE Rajasthan Subsection.

Schedule

			Tea Break		Lunch	
21/6/2021	Inauguration and Introduction of FDP (9:30 AM - 10:00 AM)	Introduction to Artificial Intelligence and Machine Learning (10:01AM - 11:30 AM) Dr. Mukesh Kalla		Supervised Machine Learning Technique (11:45 AM - 1:15 PM) Prof.(Dr.) S.P.Harsha		Practical Session on Machine Learning (2:30 PM - 4:30 PM) Saurabh M.Sharma Research Scholar Sir Padampat Singhania University, Udaipur
22/6/2021	Machine Learning Technique and Algorithm (10:00 AM 11:30 AM) Prof.(Dr.) K.R.Chowdhary			Unsupervised Machine Learning Technique (11:45 AM - 1:15 PM) Prof.(Dr.) K.R.Chowdhary		Practical Session on Machine Learning (2:30 PM - 4:30 PM) Jalpa Mehta Research Scholar Sir Padampat Singhania University, Udaipur
23/6/2021	Tree based ML Models (10:00 AM 11:30 AM) Prof. (Dr.) Rekha Ramesh			Tree based Ensemble Methods (11:45 AM - 1:15 PM) Prof. (Dr.) Rekha Ramesh		Practical Session on Tree based Models (2:30 PM - 4:30 PM) Atul Haribhau Kachare Research Scholar Sir Padampat Singhania University,Udaipur
24/6/2021	Support Vector Machine fundamental (10:00 AM 11:30 AM) Prof.(Dr.) Jayshree Aher			Markov Decision Process (MDP), (11:45 AM - 1:15 PM) Prof.(Dr.) Manisha Thakkar		Practical Session on SVM (2:30 PM 4:30 PM) Prof.(Dr.) Jayshree Aher and Prof.(Dr.) Manisha Thakkar
25/6/2021	Neural Networks with Pattern classification (10:00 AM 11:30 AM) Prof. (Dr.) A.R.Garg			Convolutional Neural Networks (11:45 AM - 1:15 PM) Prof. (Dr.) A.R.Garg		Practical Sessions on Neural Networks Valediction and Feedback (2:30 PM - 4:30 PM) Saurabh M.Sharma Research Scholars Sir Padampat Singhania University, Udaipur

About the Institute

It is nearly half a century now that **Late Sir Padampat Singhania**, the visionary founder of the **JK Organization** dreamt of an empowered India populace, through whom India would take its place as an equal in the comity of nations. According to him, empowerment pre-supposes education and knowledge. That then became the cornerstone of the Organization's philosophy for discharging its social responsibility and the **JK Cement Nimbahera Foundation (JKCNF)** was born. Over time, involvement with education became stronger and deeper. Today, two decades later, it is associated with twelve educational institutions imparting education to nearly **14000 students** at various levels of the learning curve.

About the Department

Department of Computer Science and Engineering (CSE) aims to encourage research and innovation in Computer Science and Engineering and allied areas. The objective of the program in Computer Science and Engineering is as follows:

❖ To understand & analyze the fundamentals of basic sciences & mathematics for solving problems related to computer science.
❖ To be able to design, implement & evaluate a complex software system to meet the desired needs.
❖ To provide necessary expertise for pursuing higher education/research in specialized domains like Artificial Intelligence, Data Mining, Machine Learning, MIS, etc.

Students are encouraged to participate in national and international level conferences, symposiums, workshops and seminars for the national and international level project and research paper presentations.

The department regularly organizes seminars, workshops, and guest lecturers for the students and faculty members. Faculty development programs are organized for faculty to promote academic excellence in the higher education.

Target Audience

This FDP is suitable for the faculty members from the various Institutions in India.

SCHOOL OF ENGINEERING

SIR PADAMPAT SINGHANIA UNIVERSITY, UDAIPUR

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

5 Days Faculty Development Program

on

Artificial Intelligence and Machine Learning (AIML)

21st – 25th June 2021

Registration Form

Name Dr./Mr./Mrs. : ....
(in Block letters)

Designation :..

Organization :..

Address :..

....

....

Mobile :..

Email-Id :..

Signature of the Applicant

(Note: Maximum of 100 participants will be selected based on the receipt of registration forms (FCFS).)

Important: *No Registration fee will be charged from the participants.*

![M Gmail]   **Rekha aher <rekhaaher21@gmail.com>**

Reminder: FDP -Artificial Intelligence and Machine Learning from June 21 to June 25,2021
1 message

IEEE Student Branch <ieeesb@spsu.ac.in>   Mon, Jun 21, 2021 at 8:02 AM
To: Mukesh Kalla <mukesh.kalla@spsu.ac.in>, Nellutla Himanish <nellutla.himanish@spsu.ac.in>
Bcc: rekhaaher21@gmail.com

Dear Sir/Ma'am,

Greetings from Sir Padampat Singhania University, Udaipur.

We would like to inform you that Sir Padampat Singhania University, Udaipur in association with IEEE Rajasthan subsection Will organize a
Five Day FDP on Artificial Intelligence and Machine Learning from 21 June to 25 June 2021.
Practice sessions will be conducted with Python in an interactive format. All the coding will be performed on integrated development
environment (IDE)(PyCharm) and Collab.
I attached a flyer and Schedule of FDP For your reference.
For more information regarding the FDP, you may join the WhatsApp group.
Link of WhatsApp group : https://chat.whatsapp.com/LUv2BjFWzKLKDl61H73MKC

I would request all faculty members and Research Scholars to join this FDP from 21st June to 25 June 2021 using the following Link.

https://teams.microsoft.com/l/team/19%3a8fd8e8c4291e48e4ae53d4beb30964d2%40thread.tacv2/conversations?groupId=6894f14f-
fb6c-4185-8a9b-2727aac4fafb&tenantId=e38d0e8d-19cf-43b9-b174-f5c3066d9ded

Note: The FDP is to be conducted on **"MS TEAMS",** make sure the application is installed on your device, for
a better experience of the FDP we suggest you use laptop or PC.
Download Teams for work on your desktop:
https://www.microsoft.com/en-in/microsoft-teams/download-app#desktopAppDownloadregion

Get the Teams mobile app:
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Regards
Dr. Mukesh Kalla
Coordinator-FDP
Head-CSE,SPSU,Udaipur
M:9414308074

![PDF icon] **FDP_AIML.pdf**
259K

M Gmail   **Rekha aher <rekhaaher21@gmail.com>**

ATOS Syntel & ICT Academy's Digital Teaching Technique Day 1/4
1 message

Nirmal <nirmal@ictacademy.in>   Mon, Jan 24, 2022 at 12:52 PM
To: "rekhaaher21@gmail.com" <rekhaaher21@gmail.com>

Dear Rekha S Kotwal,

Greetings!

The meeting link is given after the Participant Guidelines below.

NOTE: Once you are login to the session, we request you to MUTE your systems and SWITCH OFF your web Camera throughout the session.

Use the same registered email rekhaaher21@gmail.com to login to Cisco Webex and use Faculty ID: G2360-738 as display name.

Your Faculty ID is: G2360-738

Participant Guidelines:

- Must have a Good stable Internet connectivity with functional webcam and Microphone.

- We recommend you to close unrelated applications that could influence the connection speed during the session

- PC/Laptop is highly recommended to attend this certification course.

- Use this Faculty **ID G2360-738** as the display name for attending the online sessions in Webex.

- Please join the session at least **15 minutes** before so that you don't miss valuable information.

- Stay focused during the session, engage throughout the session to get better understanding and take notes wherever necessary.

- Participating in **All Polls is mandatory**, failing will not be counted for attendance of the day.

-   Ask relevant questions as needed in the chat window of the tool and we shall respond to the questions privately in chat window itself and if the question needs detailed explanation by the presenter, we will take up at the end of the session.

- Unregistered or Anonymous participants will be expelled from attending the session.

- Kindly Log out when the session is finished.

- **Please note that 100% attendance is Compulsory.**

G-2022-G2360-0399

Certificate of Completion

THIS CERTIFICATE IS PRESENTED TO

Rekha S Kotwal

for successful completion of all requirements of
one week online Certificate Course on

Digital Teaching Techniques

organized by ICT Academy from 24 January 2022 to 28 January 2022.

Certificate Issued

03 February 2022

Dr B Anbuthambi
President,
ICT Academy

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Meeting Details:

ATOS Syntel & ICT Academy's Digital Teaching Technique

Hosted by **ICT Academy**

Date: 24th January 2021 Thursday 2:00PM – 5:00PM

Meeting Link: https://ictacademy.webex.com/ictacademy/j.php?MTID=m88482309b6706ba8a434bd35766ef3bd

Nirmal Kumar K

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udemy

CERTIFICATE OF COMPLETION

Cyber Security: From Beginner to Expert (2022)

Instructors **Logix Academy**

Vidya Jagtap

Date **May 15, 2022**
Length **6.5 total hours**

udemy

CERTIFICATE OF COMPLETION

The Ultimate Hands-On Hadoop: Tame your Big Data!

Instructors Sundog Education by Frank Kane, Frank Kane, Sundog Education Team

Bhagyashree Kadam

Date **May 16, 2022**
Length **15 total hours**

udemy

CERTIFICATE OF COMPLETION

Artificial Intelligence with Machine Learning, Deep Learning

Instructors **Oak Academy**

Pranita Suresh Ingale

Date **May 23, 2022**

Length **6.5 total hours**

udemy

CERTIFICATE OF COMPLETION

The Complete MySQL Developer Course

Instructors **Rob Percival, Mashrur Hossain, Codestars by Rob Percival**

Rekha Kotwal

Date **June 3, 2022**
Length **10.5 total hours**

üdemy

CERTIFICATE OF COMPLETION

The Complete MySQL Developer Course

Instructors **Rob Percival, Mashrur Hossain, Codestars by Rob Percival**

Ashwini Taksal

Date **June 3, 2022**
Length **10.5 total hours**

udemy

CERTIFICATE OF COMPLETION

The Complete MySQL Developer Course

Instructors **Rob Percival, Mashrur Hossain, Codestars by Rob Percival**

Prajwali Korade

Date **June 3, 2022**
Length **10.5 total hours**

JAYAWANT SHIKSHAN PRASARAK MANDAL's
Bhivarabai Sawant Institute of Technology & Research
(Approved by AICTE New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)
Gat No. 719/1 & 2, Wagholi, Pune-Nagar Road, Pune-412207
Ph : 020-067335108, 65217050, 67335100
Telefax : 020-67335100
Website : www.jspm.edu.in / www.bsiotr.org

Prof. Dr. T. J. Sawant
B.E. (Elec.) PGDM, Ph.D
Founder Secretary

Dr. T.K. Nagaraj
ME. (Civil Engg), Ph.D (Civil Engg)
LMISTE, LMICI, LMIRC
LMISRMTT, LMIE
Principal

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National Board of Accreditation (NBA), New Delhi. Accredited Programs:
Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering

Department of Information Technology
6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Year 2022-23				
Year	Name of the participant	Designation	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2022-23	Dr. Praveen Barapatre	HOD	5 days Online FDp on UHVz	26/12/2022 to 30/12/2022
2022-23	Prof.Ankita Tidke	Asst.Prof	5 days Online FDp on UHVz	26/12/2022 to 30/12/2022
2022-23	Prof.Bhagyashree kadam	Asst.Prof	One Week OnlineFDP on "Research Methodology, Intellectual Property Right and Patent Filing" organized by IT Dept	22/05/2023 to 26/05/2023
2022-23	Prof.Ashwini Taksal	Asst.Prof	One Week OnlineFDP on "Research Methodology, Intellectual Property Right and Patent Filing" organized by IT Dept	22/05/2023 to 26/05/2023
2022-23	Prof.Pranita ingale	Asst.Prof	One Week OnlineFDP on "Research Methodology,	22/05/2023 to

Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through techno-economic development"
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Ph : 020-067335108, 65217050, 67335100
Telefax : 020-67335100
Website : www.jspm.edu.in / www.bsiotr.org
[EN 6311 / CEGF-013190]

Prof. Dr. T. J. Sawant
B.E. (Elec.) PGDM, Ph.D
Founder Secretary

Dr. T.K. Nagaraj
ME. (Civil Engg), Ph.D (Civil Engg)
LMISTE, LMIOR, LMIRC
LMISRMTT, LMIE
Principal

Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru
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Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering

			Intellectual Property Right and Patent Filing" organized by IT Dept	26/05/2023
2022-23	Prof.Vidya Jagtap	Asst.Prof	One Week OnlineFDP on "Research Methodology, Intellectual Property Right and Patent Filing" organized by IT Dept	22/05/2023 to 26/05/2023
2022-23	Prof.Shweta khandekar	Asst.Prof	One Week OnlineFDP on "Research Methodology, Intellectual Property Right and Patent Filing" organized by IT Dept	22/05/2023 to 26/05/2023

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Dr. Praveen Barapatre from JSPM's Bhivarabai Sawant Institute of Technology and Research, Pune has participated and successfully completed the 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 26th December to 30th December 2022.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Ms. Ankita Harshad Tidake from JSPM's Bhivarabai Sawant Institute of Technology and Research, Pune has participated and successfully completed the 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 26th December to 30th December 2022.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

From: NCC-IP UGC-AICTE National Committee - 2 <no-reply@zoom.us>
Sent: Sunday, December 25, 2022 9:08:55 PM
To: pravinbarapatre@hotmail.com <pravinbarapatre@hotmail.com>
Subject: UGC-AICTE Incorporating Universal Human Values in Education (A joint initiative of UGC and AICTE) Confirmation

Hello G1-Dr. Praveen Barapatre,

Thank you for registering for UGC-AICTE Incorporating Universal Human Values in Education (A joint initiative of UGC and AICTE). You can find information about this webinar below.

UGC-AICTE Incorporating Universal Human Values in Education (A joint initiative of UGC and AICTE)

You have registered for this 5-day webinar. You must attend the complete webinar (all sessions) and participate actively. For this you must be available full time.

Taking duty leave is recommended.

Join only if you are committed and able to join for all 5 days full-time.

Please join early each day (before 9:30AM) to ensure your place in the webinar.

-

Please join the workshop using a computer, rather than a smart phone, as it will give you more flexibility to see:

- the main screen or presentation screen
- the poll window
- the chat window
- the controls panel (raise hand etc.)

You are fully responsible for technical issues at your end. For example:

1. network connectivity, bandwidth, interruptions etc.
2. joining device configuration (OS, latest version of webinar software, cache settings, popup settings etc.)

AICTE will not be held responsible for these in any way.

Please be sure to familiarise yourself with "how to attend a webinar", "how to respond to polls", "how to fill Google forms" before the workshop.

-

AICTE Certification

-

Participants have been divided into multiple groups for post-lunch tutorials.
The number (like G1 or G2 or G3, etc.) written prior to your screen name indicates your group.
This name will also appear on your email (in the first line) and other communication.
e.g. your email may be addressed "Hi G1-Arvinder Singh Bains, Director NITTTR, Chandigarh"
The G1 indicates that you are in group 1.

-

Please Note: The workshop will be fully recorded and the recordings may be used for educational purposes.

Add to Calendar(.ics) | Add to Google Calendar | Add to Yahoo Calendar

You can cancel your registration at any time.

Please submit any questions to: uhvaicte2@gmail.com.

WAYS TO JOIN ZOOM

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149.137.40.110 (Singapore)
64.211.144.160 (Brazil)
149.137.68.253 (Mexico)
69.174.57.160 (Canada Toronto)
65.39.152.160 (Canada Vancouver)
207.226.132.110 (Japan Tokyo)
149.137.24.110 (Japan Osaka)

Webinar ID:	852 9622 0919
Passcode:	986807

-

TESTING of this webinar link will be done at the following times:
26th December 2022 8:45-9:30 AM only

Kindly login at the above time to test your link.
Please be sure to test your link and join the workshop early on every day to avoid disappointment at the last moment.
-
HELPDESK FACULTY VOLUNTEERS
Names Mobile Number

Manisha Patil 8766525918
Vennila T 7397267227

e.g. if the webinar window does not open when you click on the webinar joining link, take a screen shot and share it with the volunteer

Thank you!

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This is to certify that **BHAGYASHREE DHANANJAY KADAM**

has participated in a One Week Faculty Development Program on

" Research Methodology, Intellectual Property Right and Patent Filing "

Organized by Department Of Information Technology in Association with CSI and ISTE

during 24th-29th April 2023

Prof.Rekha Kotwal
FDP COORDINATOR

Dr. P. R. Barapatre
CONVENER(HOD-IT)

Dr. T.K. Nagraj
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CONVENER

Dr. Praveen R. Barapatre
Head, Department of Information Technology, JSPM's BSIOTR
Email: dr.p.barapatre@gmail.com
Contact Number: +918149404681

RESOURCE PERSON

1. Dr. Kanan Thakkar (Assistant Professor) National Forensic Science University, Gandhinagar
2. Dr. Sushrut Vinchurkar (Assistant Professor) MIT WPU, Pune
3. Dr. Vijendra Kumar (Assistant Professor) MIT WPU, Pune
4. Dr. Ravindra V. Badhe (Associate Professor & Dean IIC) MMCOP, Pune
5. Ms. Kawita Kanoje (Intellectual Property (IP) Professional, PATHtoIP LLP, Pune
6. Ms. Nidhi Agrawal (Indian Patent Agent) PATHtoIP LLP, Pune

COORDINATOR

Mrs. R. S. Kotwal
Assistant Professor
Contact Number: +917350272729
Email: rskotwal_it@jspmbsiotr.edu.in

REGISTRATION

Registration Fees: Rs.200/-
Mode of Payment (DD/Online)
Name of Account: JSPM Bhivarabai Sawant Institute of Technology & Research
Account Number: 360002010211063
Name of Bank: Union Bank of India
IFSC Code: UBIN0536008
Branch: Navi Peth, Pune
Scan to Pay

Registration Form:
https://forms.gle/cT4CrX6ieB7jKSLG8
Whatsapp group link:
https://chat.whatsapp.com/CVygBy1Efta1ge1bJCJiTm
Mode of Conduct: Online 2 PM to 5 PM

WHO CAN ATTEND

• Teaching faculty members from AICTE approved institutes from all disciplines
• Research Scholars
• Industry Personnel
Certificate will be issued only after attending all online sessions and submitting assignments

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One Week Online Faculty Development Program
On
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ADDRESS OF INSTITUTION

JSPM's
Bhivarabai Sawant Institute of Technology & Research Pune-412207 (Maharashtra)
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Phone: (020) 67335100, Fax No. : (020)-22933424
Website: www.jspmbsiotr.edu.in

ABOUT JSPM

Jayawant Shikshan Prasarak Mandal (JSPM) is established in 1998 with the objective of creating center of excellence for education in the field of Engineering, Medical, Pharmacy, Management etc. JSPM Group of Institutes has been successful in establishing Best Engineering, MBA, MCA, Pharmacy colleges and Schools, spread across six campuses in Pune. JSPM imparts quality education through right curriculum and innovative teaching methodologies at all its campuses. JSPM Group of Institutes has evolved from single institute to 75+ institutes, spread in the vicinity of Pune. JSPM provides students a vibrant academic experience that adheres to stringent international quality standards, imbibes life skills among its students, and prepares them to take up competitive careers and to be successful in life

ABOUT THE INSTITUTE

JSPM's Bhivarabai Sawant Institute of Technology and Research established in 2009, believes in practicing various student centric teaching learning methodologies to impart quality engineering education to students. The Institute has been approved by the All India Council for Technical Education (AICTE), New Delhi and affiliated to SPPU Pune. The institute has been accredited by NAAC and three programs are accredited by NBA. The Institute is located in Wagholi in lush green and well maintained campus which is surrounded by industries and IT companies to provide an opportunity for more Industry-Institute-Interaction. The Institute provides conducive environment for the holistic development of individual skills and personality development.

INSTITUTE VISION

Satisfy the aspirations of youth force, who want to lead nation towards prosperity through techno-economic development.

INSTITUTE MISSION

To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring students, which will prepare them to face global challenges maintaining high ethical and moral standards."

ABOUT THE DEPARTMENT

The department has 60 intake (UG level) with aim to provide students the lifelong learning and leadership skills that enable them to grow in their professions and advance in positions of responsibility by effective Industry-Institute Interaction. The department has well equipped state of the art labs with modern infrastructure and ICT enabled facilities.

DEPARTMENT VISION

To be a nucleus nurturing to cater current & future digital.

DEPATMENT MISSION

•To groom learners for addressing technical challenges by utilizing knowledge and skill set.
•To inculcate professional values to develop effective and efficient organization through best practices.

PROGRAM EDUCATIONAL OBJECTIVE (PEO'S)

PEO1: Graduates shall have abilities to exhibit excellence in professional career by demonstrating a positive representation of their brand.
PEO2: Graduate shall have ability to learn latest trends coping present and future needs.
PEO3: Graduate shall have sense of social responsibility by balancing the emotional quotient and strengthening the personal traits.

WORKSHOP OBJECTIVE

To create awareness of thrust areas, fertile for identifying a research problem, that will lead to further productive outcomes, going ahead through the further stages of research viz., literature review, concerned data collection, mathematical propositions, simulation studies, use of relevant software tools, adoption of appropriate algorithms, concerned experimentation or statistical analysis and other appropriate illustrative components and presenting the overall methodology and conclusions convincingly. To train the researchers in report writing, elaborating the overall sequence adopted and the conclusions very convincingly. To provide detailed information on the various agencies for securing funding and acquiring Intellectual Property Rights (IPR) / copy right are also part of this workshop. Eminent personalities are also being invited to share their views for enhancing the quality of the proposed investigations.

COURSE CONTENTS

- ✓ Research and development introduction
- ✓ Resources and Research processes
- ✓ Problem statement identification methods
- ✓ Scientific measurement techniques
- ✓ Theoretical research methods
- ✓ Scientific communication
- ✓ Sponsored research
- ✓ Presentation seminar and conferences
- ✓ Intellectual property right
- ✓ Patent filing

ORGANIZING COMMITTEE

- ▪ Prof. Pranita Ingale
- ▪ Prof. B. D. Kadam
- ▪ Prof. Vidya jagtap
- ▪ Prof. Ashvini Taksal
- ▪ Prof. Sweta khandekar

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One Week Online Faculty Development Program
On
"Research Methodology, Intellectual   Property Right and Patent Filing   "

(24th to 29th April 2023)
Organized By
Department of Information Technology
In Association with CSI and ISTE

FDP Schedule

Session No.	Topic	Resource Person	Date	Time
Inauguration	Inauguration FDP	Dr. T. K. Nagaraj	24-04-2023	1.30 PM
Inauguration	Inaugural Speech By Principal	Dr. T. K. Nagaraj	24-04-2023	1.40 PM
Inauguration	Inaugural Speech By Convenor	Dr. Praveen Barapatre	24-04-2023	1.50 PM
Session 1	Research and development introduction	Dr. Ravindra V. Badhe	24-04-2023	2:00 PM
Session 2	Resources and Research processes	Dr. Sushrut Vinchurkar	24-04-2023	3.30 PM
Session 3	Intellectual property right	Ms. Kawita Kanoje	25-04-2023	2:00 PM
Session 4	Problem statement identification methods	Dr. Ravindra V. Badhe	25-04-2023	3.30 PM
Session 5	Scientific measurement techniques	Dr. Sushrut Vinchurkar	26-04-2023	2:00 PM
Session 6	Theoretical research methods	Dr. Kanan Thakkar	26-04-2023	3.30 PM
Session 7	Scientific communication	Dr. Vijendra Kumar	27-04-2023	2:00 PM
Session 8	Patent filing	Ms. Nidhi Agrawal	27-04-2023	3.30 PM
Session 9	Presentation seminar and conferences	Dr. Kanan Thakkar	28-04-2023	2:00 PM
Session 10	Sponsored research	Dr. Vijendra Kumar	28-04-2023	3.30 PM
Session 11	Quiz (Online)	----	28-04-2023	5.00 PM
Session 12	Open Discussion	All Speaker Members	29-04-2023	2:00 PM
Session 13	Vote of Thanks	Mrs. Rekha Kotwal	29-04-2023	2.30 PM

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during 24th-29th April 2023

Prof.Rekha Kotwal
FDP COORDINATOR

Dr. P. R. Barapatre
CONVENER(HOD-IT)

Dr. T.K. Nagraj
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Dr. P. R. Barapatre
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This is to certify that

VIDYA VUNOD JAGTAP

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❝ Research Methodology, Intellectual Property Right and Patent Filing ❞

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during 24th-29th April 2023

Prof.Rekha Kotwal
FDP COORDINATOR

Dr. P. R. Barapatre
CONVENER(HOD-IT)

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This is to certify that **SWETA KHANDEKAR**

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during 24th-29th April 2023

Prof.Rekha Kotwal
FDP COORDINATOR

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A State Level Workshop on

Recent Trends In Electromechanical Engineering

Organized by

Department of Mechanical & Electrical Engineering
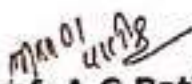
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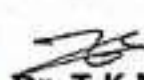
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in Association with QIP, SPPU, Pune

This is to certify that Mr/Ms/Mrs ___Dr.N.N.Ghuge___

has attended the state level workshop on "Recent Trends in Electromechanical Engineering" h

Department of Mechanical and Electrical Engineering, Bhivarabai Sawant Institute of Technolog

Research, Wagholi, Pune, during 8th & 10th February 2019.

of. A.G.Patil
Convener

Prof. N.S.Biradar
HOD,Mech. Engg.

Dr. N.N.Ghuge
HOD,Elect. Engg.

Dr. T.K.Na
Princip

A State Level Workshop on

Recent Trends In
Electromechanical Engineering

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has attended the state level workshop on "Recent Trends in Electromechanical Engineering" h

Department of Mechanical and Electrical Engineering, Bhivarabai Sawant Institute of Technolog

Research, Wagholi, Pune, during 8th &10th February 2019.

Prof. A.G.Patil
Convener

Prof. N.S.Biradar
HOD,Mech. Engg.

Dr. N.N.Ghuge
HOD,Elect. Engg.

Dr. T.K.Na
Princip

A State Level Workshop on

Recent Trends In
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This is to certify that Mr/Ms/M/s _Pooja Shinde_

has attended the state level workshop on "Recent Trends in Electromechanical Engineering" h

partment of Mechanical and Electrical Engineering, Bhivarabai Sawant Institute of Technolog

earch, Wagholi, Pune, during 8ᵗʰ &10ᵗʰ February 2019.

Prof. A.G.Patil
Convener

Prof. N.S.Biradar
HOD,Mech. Engg.

Dr. N.N.Ghuge
HOD,Elect. Engg.

Dr. T.K.Na
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Recent Trends In
Electromechanical Engineering

Organized by

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partment of Mechanical and Electrical Engineering, Bhivarabai Sawant Institute of Technolog

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Dr. N.N.Ghuge
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17 - 18 May, 2019

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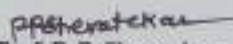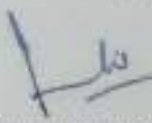
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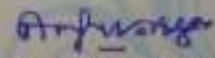
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HOD, Dept. of Comp. Engg.

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(29th December 2018)
In association with
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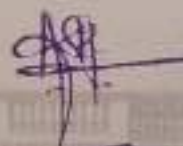
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This is to certify that Prof./Dr./Mr./Mrs./Ms. _____ *Jyoti Y Deshmukh* _____

has participated in a Faculty Development Programme on **"LABORATORY PRACTICE I"** organized by

MIT College of Engineering, Pune, in association with BoS Computer Engineering, SPPU, Pune.

Coordinators, FDP-LP I
MITCOE, Pune

Dr. Anil S. Hiwale
Principal
MITCOE, Pune

Dr. Ramachandra V. Pujeri
Director
MITCOE, Pune

Certificate of Participation

This is to certify that

Prof. Gauri Virkar.

Has Successfully completed workshop on

"Certified Information Security Specialist v1"

Conducted by **CyberCure Technologies Pvt. Ltd.**

held at **Pimpri Chinchwad College of Engineering, Pune**

on 28th & 29th July 2018

in Assosciation with

Department of Computer Engineering (PCCOE)

Authorized Signatory
IT Security Specialist
Vice President- Technical
CyberCure Technologies Pvt. Ltd.
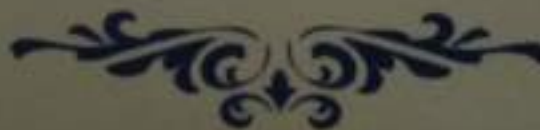
Authorized Signatory
Business Manager
CyberCure Technologies Pvt. Ltd.

CyberCure Technologies

Sr.No. CPN119029

ROYAL ACADEMY OF ENGINEERING

COMPUTER SOCIETY OF INDIA ESTD. 1965

UCL
University College London

D Y PATIL GROUP

BENNETT UNIVERSITY
TIMES OF INDIA GROUP
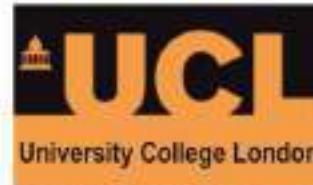
WORKSHOP ON

ARTIFICIAL INTELLIGENCE AND DEEP LEARNING

CERTIFICATE OF COMPLETION

This is to certify that **Megha Jadhav**

has successfully cleared the assessment test and completed a hands on Workshop on Artificial Intelligence and Deep Learning

held at Dr.D.Y. Patil School of Engg. and Tech., Pune **from** October 06, 2018 **to** October 08, 2018

Conducted by leadingIndia.ai, a nation wide initiative by Bennett University, Greater Noida, India

Deepak Garg

Dr. Deepak Garg
Director leadingIndia.ai
Professor and Head, Computer Science Engineering,
Bennett University, Greater Noida

VideoKEN

IEEE computer society

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Brunel University London

ICT ACADEMY
Innovate... Collaborate... Educate...

A DECADE OF
AUGMENTING
NATION BUILDING

10 YEARS

CERTIFICATE OF PARTICIPATION

CNo: 019-186555
Date : 01-02-2019

SUPRIYA SHINDE

Bhivrabai Sawant Institute of Technology & Research, Pune

has participated in 2 Day Faculty Development Program on

Introduction to Python Programming

conducted by ICT Academy on 31-01-2019 to 01-02-2019 at

Marathwada Mitra Mandal's Institute of Technology, Pune

B Anbuthambi
Vice President, ICT Academy

Sr.No. PPN228032
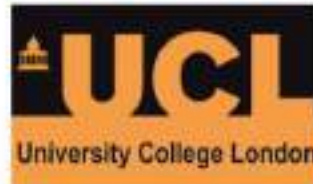
ROYAL ACADEMY OF ENGINEERING

COMPUTER SOCIETY OF INDIA · ESTD. 1965

UCL
University College London

D Y PATIL GROUP

BENNETT UNIVERSITY
TIMES OF INDIA GROUP

WORKSHOP ON

ARTIFICIAL INTELLIGENCE AND DEEP LEARNING

CERTIFICATE OF PARTICIPATION

This is to certify that S A Bajpai

has participated in

a hands on Workshop on Artificial Intelligence and Deep Learning

held at Dr. D Y Patil School of Engg. and Tech., Pune **from** December 27, 2018 **to** December 28, 2018

Conducted by leadingIndia.ai, a nation wide initiative by Bennett University, Greater Noida, India

Deepak Garg

Dr. Deepak Garg
Director leadingIndia.ai
Professor and Head, Computer Science Engineering,
Bennett University, Greater Noida

VideoKEN

IEEE computer society

aws educate

Brunel University London

Dr. D. Y. Patil Educational Charitable Enterprises Trust's

Dr. D. Y. Patil School of Engineering & Technology

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohgaon, Pune - 412105

SPPU Sponsored State Level Faculty Development Program on
" Machine Learning Using Python "

CERTIFICATE

This is to certify that Prof./Dr./Mr./Mrs. ___ SANCHIKA A. BAJPAI ___

has participated in SPPU sponsored state level Faculty Development Program on **Machine Learning Using Python "**

organized by Department of Computer Engineering

on 27th & 28th Dec 2018 at Dr. D. Y. Patil School of Engineering and Technology.

Prof. Bhagyashree Dhakulkar
Co-ordinator

Dr. Roshani Raut
Convener

Dr. Ashok Kasnale
Principal

NVIDIA. | **DEEP LEARNING INSTITUTE**

IN ASSOCIATION WITH

BENNETT UNIVERSITY

CERTIFICATE OF ATTENDANCE

This certificate is awarded to

Megha Jadhav

for completion of

Image Classification with DIGITS,
Object Detection with DIGITS

Mark Ebersole
Director, NVIDIA Deep Learning Institute

Dr. Satyadhyan Chickerur
DLI Instructor/Ambassador

Prof. Deepak
Director, Leadingindia.ai ,
NVIDIA Bennett Research Lab on AI

08/10/2018
Date Issued

ICT ACADEMY
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A DECADE OF AUGMENTING NATION BUILDING
10 YEARS

CERTIFICATE OF PARTICIPATION

CNo: 019-186572
Date : 01-02-2019

VIRKAR GAURI RAJENDRA

JSPM's Imperial College of Engineering and Research Wagholi, Pune

has participated in 2 Day Faculty Development Program on

Introduction to Python Programming

conducted by ICT Academy on 31-01-2019 to 01-02-2019 at

Marathwada Mitra Mandal's Institute of Technology, Pune

ICT ACADEMY FACULTY DEVELOPMENT PROGRAM

B Anbuthambi
Vice President, ICT Academy

JAWAHARLAL DARDA
INSTITUTE OF ENGINEERING & TECHNOLOGY
YAVATMAL

CREATING TALENT FOR TOMORROW

Short-Term Training Program

(Vide Letter ISTE/Proceedings/STTP-SF/MAH-028/2019-20)

(One Week Indisciplinary)

CERTIFICATE

This is to Certify that

Prof. Radha Shirbhate

Attended short term course on

" RESEARCH METHODOLOGY "

Approved by ISTE,New Delhi ,During 22 nd to 27th April, 2019

Organised by,

Department of Computer Science & Engineering
Jawaharlal Darda Institute of Engineering & Technology,
Yavatmal

Dr. D. N. Chaudhari
(Convener)

Dr. R. S. Tatwawadi
(Principal)

JAWAHARLAL DARDA
INSTITUTE OF ENGINEERING & TECHNOLOGY
YAVATMAL
CREATING TALENT FOR TOMORROW

CERTIFICATE

This is to Certify that

Prof. Radha Shirebhate.

has attended

" RESEARCH MEET "

on 27th April 2019

Organised by

Department of Computer Science & Engineering
Jawaharlal Darda Institute of Engineering & Technology,
Yavatmal.

Dr. D. N. Chaudhari
(Convener)

Dr. R. S. Tatwawadi
(Principal)

SPVP's

S B PATIL COLLEGE OF ENGINEERING, INDAPUR

NAAC Accredited & ISO 9001:2015 Certified

Organizes

National level E-Conference on *"Science & Technology"*

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Prof.Yogendra Patil

HAS PRESENTED/ PARTICIPATED WITH A RESEARCH TITLE

Spam Email Detection

In the **National Level E-conference On Science & Technology** Organized by
SPVP's S. B. Patil College of Engineering, Indapur held on 15-16 June 2020

Co-convener	*Convener*	*IQAC Coordinator*	*Principal*
Prof. Y. S. Bahendwar	**Dr. S. R. Kshirsagar**	**Prof. S. A. Sirdeshpande**	**Dr. Pravin D. Nemade**

Dr D Y PATIL SCHOOL OF ENGINEERING & TECHNOLOGY

Dr D Y Patil Knowledge City, Charholi (Bk.), Via. Lohgaon, Pune – 412 105

Department of Computer Engineering

Computer Society Of India (CSI)

Certificate Of Appreciation

This is to Certify that Mr./Ms. **Yogendra Patil** has participated and successfully completed a quiz on "**Cloud Computing**" organized by Department of Computer Engineering, Dr D Y Patil School of Engineering & Technology on 5/11/2020 with 100%.

Prof. Varsha Babar
(Faculty Coordinator)

Prof. Bhagyashree Dhakulkar
(HOD, Computer Engg.)

Dr. Ashok Kasnale
(Principal)

Dr. D. Y. Patil Educational Charitable Enterprises Trust's

Dr. D. Y. Patil School of Engineering & Technology

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohgaon, Pune - 412105

KAIZENS

'K'omputer 'A'ssociation of 'I'ntelligent and 'Z'estful 'EN'gineering 'S'tudents

CONSTANT AND NEVER ENDING IMPROVEMENT

CERTIFICATE OF APPRECIATION

This is to certify that Mr/Ms __Yogendra Patil__

has completed the " **TECHNO QUIZ** " Organized by Department of Computer Engineering, Dr. D. Y. Patil School of Engineering & Technology ,Pune on 5/15/2020 with a passing score 100%.

G7ZBR4-CE000016

Ms. Nutan Borkar	**Ms. Bhagyashree Dhakulkar**	**Dr. Ashok Kasnale**
Co-ordinator	HOD	Principal

(Accredited by NAAC 'A' Grade, NBA accredited, Affiliated to Savitribai Phule Pune University, Approved by AICTE, New Delhi and Recognised   by Govt. of Maharashtra) Institute code: EN6282 , https://aissmsioit.org, Phone: (020) 26057983, 26057636, 8496045045

Engineering Sciences Department

SOCIAL AWARENESS CAMPAIGN ABOUT COVID-19

CERTIFICATE OF APPRECIATION

This is to certify that, Mr./Ms. Yogendra Patil solemnly pledged and performed excellent in online "**COVID-19 Pandemic General Health Awareness Quiz**" organized by **AISSMS'S Institute of Information and Technology , Pune** on 5/4/2020 .

Dr. Nidhi Sharma
Quiz Coordinator

Dr. P.G. Musrif
H.O.D.(Engg. Sciences)

Dr. P.B. Mane
Principal

Bharati Vidyapeeth
College of Engineering

(Permanently affiliated to Mumbai University, Approved by AICTE, New Delhi and NBA Accredited)
Sector-7, CBD, Belapur, Near Kharghar Railway Station, Navi Mumbai-400614. www.bvcoenm.edu.in

CERTIFICATE OF APPRECIATION

This certificate declares that Dr./Prof. **Yogendra Patil**

JSPM BSIOTR wagholi has successfully completed online

Faculty Program on NBA

on 5/9/2020, with a passing score of 65%
organized by Bharati Vidyapeeth College Of Engineering, Navi Mumbai - 400614.

Certificate ID T3IWHA-CE000887

Prof. H. B. Sale
Coordinator

Dr. S. D. Jadhav
Principal

JAYWANT SHIKSHAN PRASARAK MANDAL'S
BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY & RESEARCH
(Approved by AICTE Delhi and DTE Mumbai)
(Affiliated to SPPU, Accredited with B++ grade by NAAC, Bangalore)
Gat No. 720/2, Nagar Road, Wagholi, Pune, Maharashtra 412207

DEPARTMENT OF INFORMATION TECHNOLOGY

8ESJDE-CE000005   19-5-2020

CERTIFICATE OF APPRECIATION

This Certificate is proudly awarded to

Yogendra Patil

for successful completion of Quiz on "COMPUTER NETWORK", organized by Department of Information Technology, at JSPM's BSIOTR,Wagholi, Pune-412207.

Prof.N.N.Thorat
Faculty- Coordinator

Prof.A.H.Tidake
HOD IT

Dr.T.K.Nagaraj
Principal BSIOTR

JSPM'S
BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI PUNE 412207

CERTIFICATE OF COMMITMENT

This certificate is awarded to

YOGENDRA VANA PATIL

For taking solemnly pledge on 22-4-2020 and participation in **"COVID 19 AWARENESS PROGRAM" Organised by JSPM'S Bhivarabai Sawant Institute of Technology & Research, Wagholi, Pune** for commitment to discharge the services to the nation as responsible citizens.

Prof. Nitin M Shivale
Program Officer
NSS Unit A-98

Certificate Id: HYVOEW-CE000019

Dr. T. K. Nagaraj
Principal
JSPM'S BSIOTR

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI PUNE-412207 (BSIOTR)

(Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University)
Accredited with "B++" Grade by NAAC

Department of Electronics and Telecommunication Engineering

Organized one Week

AICTE Funded Short Term Training Program (STTP)

On

"DIGITAL SKILL DEVELOPMENT FOR PROFESSIONALS"

CERTIFICATE

This is to certify that **Yogendra Patil** from **JSPM BSIOTR Wagholi Pune** has attended One week Short Term Training Program on **"DIGITAL SKILL DEVELOPMENT FOR PROFESSIONALS"** from 07/12/2020 to 12/12/2020.

Dr. Y.S. Angal	**Dr. T.K.Nagaraj**	**Dr. S.N.Patil**	**Dr.V.M. Kayande**
Program Coordinator, HOD, E&TC	Organizing Secretary, Principal, BSIOTR	Campus Director, JSPM Wagholi Campus	Campus Director, JSPM Wagholi Campus

SIR VISVESVARAYA INSTITUTE OF TECHNOLOGY, Nashik
DEPARTMENT OF INFORMATION TECHNOLOGY

Certificate of Appreciation

This certificate declares that

Prof. Radha Shirbhate

has participated and completed One Week Online Faculty Development Programme on **"Climbing the Ladder of Education System Through Innovation & E- Learning Tools "** from 04.05.2020 to 09.05.2020 organized by Information Technology Department.

Certificate ID GTDCDS-CE000276

Ms. Sweety G Jachak
FDP Coordinator

Mr. Rushikesh S. Bhalerao
HoD IT

Prof.(Dr.) Y. R. Kharde
Principal

"Techno-Social Excellence"

Marathwada Mitramandal's
INSTITUTE OF TECHNOLOGY (MMIT),
Lohgaon, Pune 411047

Approved By AICTE, New Delhi, Affiliated to SPPU, Pune,

CERTIFICATE OF APPRECIATION

THIS CERTIFICATE IS PROUDLY AWARDED TO

Radha Shirbhate

for successful completion of **"NAAC Awareness Programme for Faculty"** organized by Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune - 47 conducted online during the period 08/05/2020 to 14/05/2020.

MMIT, Lohgaon, Pune

DR. R. V. BHORTAKE

PRINCIPAL

COVID-19: STAY HOME, STAY SAFE

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

(Approved by AICTE, Recognized by Government of Maharashtra &
Affiliated to Savitribai Phule Pune University, Pune)
Dhangawadi, Tal: Bhor, Dist: Pune, Maharashtra, India
Website: www.rajgad.edu.in   Email: scscoe@gmail.com

CERTIFICATE OF APPRECIATION

This is to certify that, **Prof. Radha Shirbhate** of **Jspm's BSIOTR Wagholi Pune** has successfully completed "**Faculty Awareness Program on NAAC Accreditation**" Organized by RD's Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune-412206 conducted online during the period of 10/05/2020 to 15/05/2020.

Prof. S. K. Pawar
Co-ordinator

Dr. S. B. Patil
Principal

Cr No. -SWQVUO-CE000166

Issue Date-10-5-2020

Loknete Dr.Balasaheb Vikhe Patil (Padma Bhushan Awardee)
Pravara Rural Education Society's

SIR VISVESVARAYA INSTITUTE OF TECHNOLOGY, Nashik
DEPARTMENT OF INFORMATION TECHNOLOGY

Certificate of Appreciation

This certificate declares that

Prof. Radha Shirbhate

has participated and completed One Week Online Faculty Development Programme on **"Climbing the Ladder of Education System Through Innovation & E- Learning Tools "** from 04.05.2020 to 09.05.2020 organized by Information Technology Department.

Certificate ID GTDCDS-CE000276

Ms. Sweety G Jachak	Mr. Rushikesh S. Bhalerao	Prof.(Dr.) Y. R. Kharde
FDP Coordinator	HoD IT	Principal

NAGPUR INSTITUTE OF TECHNOLOGY, NAGPUR
(Accredited by NAAC)

Department of Information Technology

In Association With

Department of Forensic Science
GOVERNMENT INSTITUTE OF FORENSIC SCIENCE, NAGPUR

Organizes
One-Week (Online) Faculty Development Program
on

"Introduction to Forensic Science and Digital & Cyber Forensics"
15.05.2020 to 19.05.2020

CERTIFICATE

This is to certify that Dr./ Mr./ Mrs./ Ms. **Radha Shirbhate**

has participated in the one-week Faculty Development Program from 15th May 2020 To

19th May 2020.

Prof. Jagdish Pimple
Head &Asst. Professor
Department of IT, NIT
Nagpur

Shri Ashish Badiye
Resource Person
Head & Asst. Professor
Department of Forensic Science
Govt. Institute of Forensic Science, Nagpur

Dr. Amol Deshmukh
Principal
Nagpur Institute of Technology
Nagpur

Jayawant Shikshan Prasarak Mandal's

JSPM Narhe Technical Campus

Department of Computer Engineering

CERTIFICATE OF APPRECIATION

This is to certify that,

Radha Shirbhate

has completed the technology awareness program for faculty on

" Introduction To Blockchain Technology"

Organised by JSPM Narhe Technical Campus, from 25th May to 30th May 2020.

DR. NIHAR M. RANJAN
HOD (Computer Engineering)

DR. R. K. LAD
Director (JSPM NTC)

Certificate Id: CXXKDO-CE000041

Jayawant Shikshan Prasarak Mandal's

JSPM Narhe Technical Campus

Department of E & TC Engineering

Certificate of Appreciation

This is to certify that **Radha Shirbhate** *of* **Jspm's BSIOTR Wagholi Pune** *has successfully completed the online* **" Awareness Program on Digital Teaching Learning: Need of Time"** *organized by Department of Electronics and Telecommunication Engineering, JSPM Narhe Technical Campus during May 25, 2020 to May 30, 2020 with score of* **53%** *on* **5/28/2020**

Prof. H. N. Patil & Prof. K. P. Wagh
Coordinatior

Dr. M. M. Sardeshmukh
HOD

Dr. R. K. Lad
Director

Certificate Id **KSVR0W-CE000**

Shri Chhatrapati Shivajiraje College of Engineering

Department of Electronics and Telecommunication Engineering

Certificate of Appreciation

This is certify that *Radha Shirbhate*

has successfully completed the online **"Quiz on Digital Image processing"**
organized by Department of Electronics and Telecommunication Engineering,
Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune from
20-05-2020 to 24-05-2020 with 50%.

Prof. Dr. S. I. Nipanikar
Co-ordinator

Prof. T. M. Dudhane
HOD, E&TC Engg.

Prof. Dr. S. B. Patil
Principal

Cr No. - UCZ09C-CE000486

CERTIFICATE
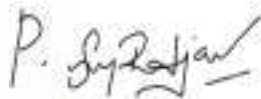
of Participation

This Certificate is hereby Awarded To

Adsure Sharad Sampat

FROM

JSPM's BSIOTR Wagholi Pune

For Participation and Obtained Passing Grades in "AICTE Sponsored One Week Short Term Training Program (STTP) Phase IV on Machine Learning with Python in Data Science - Applications and Research Perspectives" on 05th to 11th November, 2020 organized by Department of Information Technology, SRM Institute of Science and Technology.

Coordinator
Dr.P.Supraja

HOD / IT
Dr.G.Vadivu

DPU

Dr. D. Y. Patil Unitech Society's

Dr. D. Y. Patil Institute of Technology, Pimpri, Pune

Department of Computer Engineering

This is to certify that,

Adsure Sharad Sampat

has successfully completed one week online Faculty Development Program on **"Recent and Emerging Trends in Information Technology"** organized by Department of Computer Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune from 27th July to 31st July 2021.

Dr. Rachna Somkunwar	**Dr. Santosh Chobe**	**Dr. Urmila Patil**	**Dr. Pramod Patil**
Dr. Archana Chaudhari	**HOD**	**Dean Academics**	**Principal**
FDP Coordinators			

Shri Vithal Education & Research Institute's

College of Engineering (Polytechnic), Pandharpur

Approved by AICTE, New Delhi and Affiliated to MSBTE, Mumbai, NBA Accreditation for all 5 applied programmes

P.B.No.54 Gopalpur-Ranjani Road, Pandharpur-413304, Dist.: Solapur, Maharashtra, India.

Department of Computer Engineering & Information Technology

CERTIFICATE OF COMPLETION

13-14 July 2020

This is awarded to

Mr. Sharad Sampat Adsure

of

JSPM's BSIOTR Pune

for successfully completing the two days online FDP on "OOMD with STAR UML" organized by Department of Computer Engineering and Information Technology at SVERI COE(Polytechnic), Pandharpur from 13 July to 14 July, 2020.

Ms. V. V. Khandagale   **Mr. A.S. Bhise**   **Mr. A. S. Bhatlavande**   **Dr. N. D. Misal**

CJYHU0-CE000156

www.cod.sveri.ac.in

Sinhgad Technical Education Society's
Sinhgad College of Engineering,Vadgaon(Bk),Pune
Department of Computer Engineering

Three days Online FDP on
"System Programming and Operating System"

Certificate

This is to certify that

Sharad Sampat Adsure

has participated in three days Faculty Development Program on

"SYSTEM PROGRAMMING AND OPERATING SYSTEM (Theory and Laboratory)*"*

organized in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune

from 05/08/2021 to 07/08/2021.

Prof. M. P. Wankhade	**Dr. Pramod Patil**	**Dr. Varsha Patil**	**Dr. S. D. Lokhande**
Head of Department, (Computer Engineering) SCOE, Pune	Member, BoS, (Computer Engineering) SPPU	Chairman, BoS, (Computer Engineering) SPPU	Principal, SCOE, Vadgaon(Bk) Pune

Sinhgad Technical Education Society's

Sinhgad College of Engineering,Vadgaon(Bk),Pune

Department of Computer Engineering

Three days Online FDP on
"System Programming and Operating System"

Certificate

This is to certify that

Sharad Sampat Adsure

has participated in three days Faculty Development Program on

"SYSTEM PROGRAMMING AND OPERATING SYSTEM (Theory and Laboratory)*"*

organized in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune

from 05/08/2021 to 07/08/2021.

Prof. M. P. Wankhade	**Dr. Pramod Patil**	**Dr. Varsha Patil**	**Dr. S. D. Lokhande**
Head of Department, (Computer Engineering) SCOE, Pune	Member, BoS, (Computer Engineering) SPPU	Chairman, BoS, (Computer Engineering) SPPU	Principal, SCOE, Vadgaon(Bk) Pune

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Madhavi Manohar Kulkarni**, **Assistant Professor** of **Jspms BSIOTR, Wagholi Pune** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "**Faculty Development Program on "Data Science""** from **21/02/2022** to **25/02/2022** at **J C Bose University of Science & Technology, YMCA, Faridabad** .

Advisor-I, ATAL Academy
Mamta Rani Agarwal

Coordinator

Marathwada Mitra Mandal's College of Engineering (MMCOE), Pune

Accredited with "A" Grade by NAAC, Recipient of 'Best College Award 2019' By SPPU,
NBA Accreditation of Mechanical and Electrical Engineering

Marathwada Mitra Mandal's Institute of Technology (MMIT), Pune

Accredited with "A" Grade by NAAC

Certificate of Participation

Gayatri Bhandari
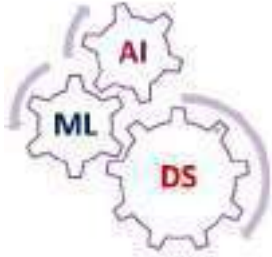
Has successfully completed International Short Term Training Programme (STTP) through ICT mode on **'Advanced Applications in Artificial Intelligence and Machine Learning'** organized by Marathwada Mitra Mandal's Institutions MMCOE and MMIT from 2nd To 6th August 2021.

Dr. H. K. Khanuja
HOD, COMP, MMCOE

Mr. S. G. Rathod
HOD, COMP, MMIT

Dr. R. V. Bhortake
Principal, MMIT

Dr. S. M. Deshpande
Principal, MMCOE

Marathwada Mitra Mandal's College of Engineering, Pune
Accredited with "A" Grade by NAAC, Recipient of 'Best College Award 2019' By SPPU,
NBA Accreditation of Mechanical and Electrical Engineering

QUANTUM COMPUTING

Certificate of Participation

Prof.Juhi Agrawal

Has successfully completed one week Faculty Development Programme on
'*Recent Trends in Quantum Computing*'
organized by Department of Computer Engineering, Marathwada Mitra Mandal's College of Engineering, in association with CSI under Center of Excellence, from 21st to 25th March 2022.

Dr. G. G. Chiddarwar
Co-ordinator

Dr. K. S. Thakre
Co-ordinator

Dr. H. K. Khanuja
Convenor, HOD COMP

Dr. V. N. Gohokar
Principal, MMCOE

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY (I²IT)

An Engineering College

[Approved by AICTE | Recognized by DTE, Govt. of Maharashtra | Affiliated to Savitribai Phule Pune University]

Accredited by NAAC

Certificate of Participation

This is to certify that

Madhavi Manohar Kulkarni

of **JSPMS Bhivrabai Sawant Institute of Technology and Research, Wagholi Pune**

has participated in One-Day Faculty Development Program on **"Data Science & Big Data Analytics"** held on 08th February 2022 organized by the Department of Computer Engineering, I²IT in Association with BoS Computer Engineering, SPPU, Pune.

Dr. Ajitkumar Shitole
HoD, CE
I²IT

Dr. Pramod Patil
Member, BoS
Computer Engg. (SPPU)

Dr. Varsha Patil
Chairman, BoS
Computer Engg. (SPPU)

Dr. Vaishali Patil
Principal
I²IT

A Project of Hope Foundation - FINOLEX

Made for free with Certify'em

G H Raisoni College of Engineering and Management, Pune

NBA & NAAC Accredited,(Autonomous Institute Affiliated to Savitribai Phule Pune University)

Certificate of Appreciation

This certificate is awarded to

Dr. Gayatri M Bhandari

In recognition for her contribution as **Session Chair** in the

International Conference on Computation, Data Intelligence and Security (ICCDIS-21) sponsored by AICTE, organized by Department of Computer Engineering and Information Technology, on 9th-10th July 2021

Dr. Simran Khiani
General Chair ICCDIS-2021

Mrs Poonam Gupta
General Chair ICCDIS-2021

Dr. Mukesh Raghuwanshi
General Chair ICCDIS-2021

This is to certify that

Juhi Agrawal

from

Bhivarabai Sawant Institute of Technology and Research

has participated in the workshop

Designing and Modelling of IoT, AI & ML Systems

Organized by – All India Council for Technical Education (AICTE),
ATAL Academy, Arm Education and STMicroelectronics
from August 1st to 5th 2022

Mamta Rani Agarwal
Advisor-I,
ATAL Academy

Arnaud Julienne
Vice President,
Microcontrollers and Digital ICs Group,
IoT/AI Competence Center and Digital Marketing,
China and APeC, STMicroelectronics

Guru Ganesan
Managing Director and President,
Arm India

Dr Khaled Benkrid
Senior Director,
Education and Research,
Arm Ltd

"Techno-Social Excellence"

Marathwada Mitramandal's

INSTITUTE OF TECHNOLOGY (MMIT)

Lohgaon, Pune - 411047

Approved By AICTE, New Delhi, Affiliated to SPPU, Pune.

"Towards Ubiquitous Computing Technology"

Department of Computer Engineering

One Day Online Faculty Orientation Program on "Laboratory Practice-IV"

In association with Board of Studies Computer Engg. Savitribai Phule Pune University(SPPU), PUNE

CERTIFICATE OF PARTICIPATION

Juhi Agrawal

Has Participated in **"Faculty Orientation Program on Laboratory Practice-IV"** Organized by Computer Engineering Department, MMIT Lohgaon, Pune-47, on 3rd August 2022.

Ms.S.K.Patil   Mr.C.S.Bhosale
Coordinator

Mr.S.G.Rathod
HoD & Convenor

Dr. V. H. Patil
Chairman BOS Comp Engg

Dr. R. V. Bhortake
Principal

udemy

CERTIFICATE OF COMPLETION

Beginner Full Stack Web Development: HTML, CSS, React & Node

Instructors **Mark Wahlbeck, Devslopes by Mark Wahlbeck**

Juhi Agrawal

Date **June 21, 2022**

Length **31.5 total hours**

AICTE-EXAMINATION REFORMS WORKSHOP

Certificate of Participation

This is to certify that

Prof./Dr./Mr./Mrs./Ms.   *Juhi Agrawal*

has participated in three days' Examination Reforms workshop in online mode
conducted by AICTE

Col. B. Venkat
Director
Faculty Development, AICTE

AICTE-EXAMINATION REFORMS WORKSHOP

Certificate of Participation

This is to certify that

Prof./Dr./Mr./Mrs./Ms. _Madhavi Kulkarni_

has participated in three days' Examination Reforms workshop in online mode conducted by AICTE

Col. B. Venkat
Director
Faculty Development, AICTE

AICTE-EXAMINATION REFORMS WORKSHOP

Certificate of Participation

This is to certify that

Prof./Dr./Mr./Mrs./Ms. _Madhavi Kulkarni_

has participated in three days' Examination Reforms workshop in online mode conducted by AICTE

Col. B. Venkat
Director
Faculty Development, AICTE

Techno-Social Excellence

Marathwada Mitramandal's Institute of technology, Pune

(Accredited with "A" grade by NAAC)

Three Days National Level Online Faculty Development Program

On

RESEARCH TOOLS FOR DATA SCIENCE

Organised by Engineering Sciences Department, MMIT.

Certificate of Participation

This is to certify that **Madhavi Kulkarni** has participated in Three Days National Online FDP on RESEARCH TOOLS FOR DATA SCIENCE, from 29th - 31st March, 2022 organised by Marathwada Mitra Mandal's Institute of Technology, Lohgaon, Pune - 411047.

Convenor
MMIT Pune

HOD
Engineering Sciences

Principal
MMIT Pune

Certificate No. - FDP-RTDS -063

THE MET LEAGUE OF COLLEGES

MET

AS SHARP AS YOU CAN GET

Bhujbal Knowledge City

MET's Institute of Engineering
Bhujbal Knowledge City,
Adgaon, Nashik-422003

Department of Computer Engineering

This is to certify that Mrs. Madhavi Manohar Kulkarni from JSPMS Bhivrabai Sawant Institute of Technology & Research Wagholi Pune has attended One Day Faculty Orientation Program on "Object Oriented Programming & Computer Graphics Laboratory" (217523) S.E. Artificial Intelligence & Data Science (2020 Course), organized by Department of Computer Engineering, MET's Institute of Engineering, Nashik in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune on August 24, 2021.

Ms. V. R. Khandave	Dr. M. U. Kharat	Dr. V. P. Wani	Dr. P. M. Yawalkar	Dr. V. H. Patil
FOP Coordinator	HOD	Principal	Member, BoS	Chairman, BoS, Comp Engg

DPU

Dr. D. Y. Patil Institute of Technology, Pimpri Pune
Department of Electrical Engineering

In association with

All India Council for Technical Education (AICTE)
&
Indian Society for Technical Education (ISTE)

Certificate of Completion

This Certificate is granted to

Mrs. Madhavi Manohar Kulkarni

of Jspms Bhivrabai Sawant Institute of technology and research Wagholi
in recognition of attending the **AICTE-ISTE** Sponsored Refresher Program on
"**Python Beyond Hands-On**" orgnized by the
Department of Electrical Engineering during **28th Jan-3rd feb 2022**

Mrs. Ekta Mishra	Dr Urmila Patil	Dr. Pramod Patil
Coordinator	HOD & Dean Academics	Principal

udemy

CERTIFICATE OF COMPLETION

Beginner Full Stack Web Development: HTML, CSS, React & Node

Instructors **Mark Wahlbeck, Devslopes by Mark Wahlbeck**

Juhi Agrawal

Date **June 21, 2022**

Length **31.5 total hours**

udemy

CERTIFICATE OF COMPLETION

SQL & Database Design A-Z™: Learn MS SQL Server + PostgreSQL

Instructors **Kirill Eremenko, Ilya Eremenko, Ligency I Team, Ligency Team**

Madhavi Kulkarni

Date **June 21, 2022**

Length **12.5 total hours**

udemy

CERTIFICATE OF COMPLETION

SQL & Database Design A-Z™: Learn MS SQL Server + PostgreSQL

Instructors   **Kirill Eremenko, Ilya Eremenko, Ligency I Team, Ligency Team**

Madhavi Kulkarni

Date   **June 21, 2022**

Length   **12.5 total hours**

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Ms. Madhavi Kulkarni from JSPM's Bhivarabai Sawant Institute of Technology and Research, Pune has participated and successfully completed the 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 05th December to 09th December 2022.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE
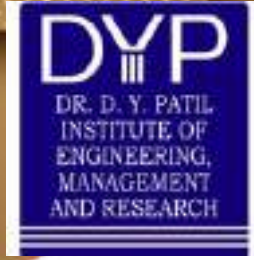
Dr. D Y Patil Institute of Engineering and Management research, Akurdi.

E-CERTIFICATE

OF PARTICIPATION

This is to certify that **Vijay Dhanaraj Sonawane** from **Jspm bsiotr wagholi pune** has attended a one-week online FDP on "Data Science", organized by Department of Artificial Intelligence & Data Science, Computer Engineering, Dr. D Y Patil Institute of Engineering and Management Research, Akurdi.

Date :- 6th February 2023 to 10th February 2023.

Dr. Suvarna Patil
Convener

Mrs. P. P. Shevatekar
Convener

Mrs Pallavi Yevale
HOD (AI & DS)

Dr. Amol Dhakne
HOD COMP

Dr. Anupama V Patil
Principal
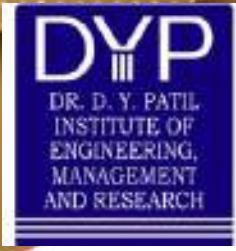
DYP

DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH

Dr. D Y Patil Institute of Engineering and Management research, Akurdi.

E-CERTIFICATE

OF PARTICIPATION

....

This is to certify that **Shrishail Patil** from **Jspm BSIOTR wagholi Pune** has attended a one-week online FDP on "Data Science", organized by Department of Artificial Intelligence & Data Science, Computer Engineering, Dr. D Y Patil Institute of Engineering and Management Research, Akurdi.

Date :- 6th February 2023 to 10th February 2023.

Dr. Suvarna Patil	Mrs. P. P. Shevatekar	Mrs Pallavi Yevale	Dr. Amol Dhakne	Dr. Anupama V Patil
Convener	Convener	HOD (AI & DS)	HOD COMP	Principal

"Empowerment through quality technical education"

AJEENKYA
DY Patil School of Engineering

Approved by AICTE, Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University, MSBTE

R World Institutional RANKING Ranked No.1 In Maharashtra

CERTIFICATE OF PARTICIPATION

Department of Computer Engineering

Dr. Gayatri Mahendra Bhandari
of JSPM's BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY
AND RESEARCH WAGHOLI PUNE institute
is awarded with certificate for active participation in Five Days Online
Faculty Development Program on "Deep Learning" conducted during
23rd Jan 2023 to 28th Jan 2023.

Mr. Ashwin Balani
(CEO of First Impression
Technologies Company)

Dr. Pankaj Agarkar
(HoD, Civil Engg.)

Dr. Farook B. Sayyad
(Principal)

Dr. Kamaljeet Kaur
(Director - TC)

IGPH

Made for free with Certify'em

Department of Computer Engineering
FACULTY ORIENTATION PROGRAM ON
Laboratory Practice-V (410254)

Certificate of Participation

This is to certify that

Nitin Mohan Shivale

Faculty of JSPM'S Bhivarabai Sawant Institute of Technology and Research. , Pune has participated in Faculty Orientation Program on Laboratory Practice-V:410254 held on 23-01-2023 organized by Department of Computer Engineering, SITRC,Nashik in Association with Board of Studies (BoS),Computer Engineering, SPPU,Pune.

Dr.Naresh Thoutam
Co-ordinator

Dr.Ankita Karale
Co-Convener

Dr.Amol Potgantwar
Member BOS

Dr.Milind M.Patl
Principal,SITRC

Made for free with Certify'em

Department of Computer Engineering
FACULTY ORIENTATION PROGRAM ON
Laboratory Practice-V (410254)

Certificate of Participation

This is to certify that

Shrishail Sidram Patil

Faculty of Jspm BSIOTR wagholi Pune, Wagholi, Maharashtra has participated in Faculty Orientation Program on Laboratory Practice-V:410254 held on 23-01-2023 organized by Department of Computer Engineering, SITRC,Nashik in Association with Board of Studies (BoS),Computer Engineering, SPPU,Pune.

Dr.Naresh Thoutam
Co-ordinator

Dr.Ankita Karale
Co-Convener

Dr.Amol Potgantwar
Member BOS

Dr.Milind M.Patl
Principal,SITRC

Department of Computer Engineering
FACULTY ORIENTATION PROGRAM ON
Laboratory Practice-V (410254)

Certificate of Participation

This is to certify that

Tushar Tulshidas Phadtare

Faculty of Jspm BSIOTR , Pune , Maharashtra has participated in Faculty Orientation Program on Laboratory Practice-V:410254 held on 23-01-2023 organized by Department of Computer Engineering, SITRC,Nashik in Association with Board of Studies (BoS),Computer Engineering, SPPU,Pune.

Dr.Naresh Thoutam
Co-ordinator

Dr.Ankita Karale
Co-Convener

Dr.Amol Potgantwar
Member BOS

Dr.Milind M.Patl
Principal,SITRC

Certificate of Participation

This is to certify that

Yogendra Patil

Of

JSPM BSIOTR Wagholi

has attended the One-Week Online Faculty Development Programme on

"Biomedical Image Processing using AI" held from 25th October to 30th October 2021

organized by the Department of Information Technology & Computer Engineering.

Prof. Vishal Chaudhary
Coordinator

Dr. Ajitkumar Shitole
Co-Convener

Prof. Sarang Saoji
Convener

Dr. Vaishali Patil
Principal

A Project of Hope Foundation - FINOLEX

MODERN EDUCATION SOCIETY'S
COLLEGE OF ENGINEERING,PUNE-01

19, Late Prin. V. K. Joag Path, Wadia College Campus, Pune – 411001.
Accredited by NAAC with an 'A' Grade

Department of Computer Engineering
Accredited by NBA

Certificate of Participation

One Day Syllabus Revision Online FOP on
"Design and Analysis of Algorithms"
(BE 2019 Course)

This is to Certify that **Dr. Gayatri Mahendra Bhandari** of **JSPM's BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH WAGHOLI** has participated in One Day Syllabus Revision Online Faculty Orientation Programme on **"Design and Analysis of Algorithms" (BE 2019 Course)** organized by the Department of Computer Engineering, Modern Education Society's College of Engineering, Pune in association with Board of Studies (Computer Engineering), Savitribai Phule Pune Univ on *29ᵗʰ July 2022.*

Dr. (Mrs.) Nuzhat F. Shaikh	**Dr. Varsha Patil**	**Dr. S. S. Sarawade**
Head of Department	Chairman,	Principal,
(Computer Engineering)	BOS, Computer Engineering	MES College of Engineering

eX | EXCELR
Raising Excellence

CERTIFICATE

OF PARTICIPATION

This is to certify that

Madhavi Manohar Kulkarni

participated 5 Day's Online International Level Faculty Development Program on

Data Science using Machine Learning

organized by Pravara Rural Engineering College in Collaboration with ExcelR

Date: 2nd January 2023 to 6th January 2023

Dr. S. M. Gulhane
Principal PREC Loni

Code: 10041/12012023/EXCELR

Ram Tavva
CEO, ExcelR Solutions

EDL
Everyday Learning

CERTIFICATE

OF PARTICIPATION

This is to certify that

Dr. Gayatri Mahendra Bhandari

participated 5 Day's Online International Level Faculty Development Program on

Data Science using Machine Learning

organized by Pravara Rural Engineering College in Collaboration with ExcelR

Date: 2nd January 2023 to 6th January 2023

Dr. S. M. Gulhane
Principal PREC Loni

Code: 10066/12012023/EXCELR

Ram Tavva
CEO, ExcelR Solutions

EDL
Everyday Learning

PRAVARA RURAL EDUCATION SOCIETY
PRAVARA RURAL ENGINEERING COLLEGE
LONI

EXCELR
Raising Excellence

CERTIFICATE

OF PARTICIPATION

This is to certify that

Dr. Gayatri Mahendra Bhandari

participated 5 Day's Online International Level Faculty Development Program on

Data Science using Machine Learning

organized by Pravara Rural Engineering College in Collaboration with ExcelR

Date: 2nd January 2022 to 6th January 2022

Dr. S. M. Gulhane
Principal PREC Loni

Ram Tavva
CEO, ExcelR Solutions

Code: 10066/12012023/EXCELR

EDL
Everyday Learning

PRAVARA RURAL EDUCATION SOCIETY
PRAVARA RURAL ENGINEERING COLLEGE
LONI

EXCELR
Raising Excellence

CERTIFICATE

OF PARTICIPATION

This is to certify that

Juhi Agrawal

participated 5 Day's Online International Level Faculty Development Program on

Data Science using Machine Learning

organized by Pravara Rural Engineering College in Collaboration with ExcelR

Date: 2nd January 2022 to 6th January 2022

Dr. S. M. Gulhane
Principal PREC Loni

Code: 10252/12012023/EXCELR

Ram Tavva
CEO, ExcelR Solutions

EDL
Everyday Learning

This is to certify that

Gayatri Bhandari

from **JSPM's BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI** has successfully participated in Microsoft India & SAP India led Faculty Development Program on "Artificial Intelligence" under TechSaksham Program from

"23rd Jan. 2023 – 27th Jan. 2023".

Ashutosh Chadha
Director & Country Head
Public Policy & Government Affairs
Microsoft India

Nitish Agrawal
Chief Customer Officer
SAP India

Nagesh Singh
Executive Director
Edunet Foundation

Referral code   TSP2_FDP_15420

410243/ 78

Maratha Vidya Prasarak Samaj's

Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering, Nashik

Permanently Affiliated to Savitribai Phule Pune University, Pune and Approved by AICTE, New Delhi

Accredited by NAAC with A Grade

Department of Computer Engineering

Accredited by NBA

Certificate of Participation

One Day Syllabus Revision Online Faculty Orientation Programme on
"Block chain Technology (BE 2019 Course)"

This is to Certify that **Gayatri Mahendra Bhandari** of **JSPM's BSIOTR, Pune** has actively participated in One Day Syllabus Revision Online Faculty Orientation Programme on "Block chain Technology (BE 2019 Course)" Organized by the Department of Computer Engineering, MVPS's KBTCOE, Nashik in association with Board of Studies(Computer Engineering), Savitribai Phule Pune University, Pune on 01st August 2022.

Dr. D. V. Medhane
Head of Department
Computer Engineering

Dr. Varsha Patil
Chairman
BOS, Computer Engineering

Dr. S. R. Devane
Principal
MVPS's KBTCOE, Nashik

EASWARI

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Certificate of Participation

This is to certify that Dr./Mr./Ms. GAYATRI MAHENDRA BHANDARI, ASSISTANT PROFESSOR JSPM's BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY of AND RESEARCH .... has participated in the One Week International Faculty Development programme on "**Research Innovations and Emerging Advances in Electrical Engineering**" organized by the Department of Electrical & Electronics Engineering, **Easwari Engineering College** from 05th to 12th Jan 2023.

ORIENTATION WORKSHOP ON

SYLLABUS DETALING OF BE COMPUTER - 2019 COURSE

Organized by

BOARD OF STUDIES, COMPUTER ENGINEERING, SAVITRIBAI PHULE PUNE UNIVERSITY INASSOCIATION WITH SRES'S SHREE RAMCHANDRA COLLEGE OF ENGINEERING, LONIKAND, PUNE.

SRCOE

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

PROF./DR./MR./MRS./MISS ....Dr. Gayatri Mahendra Bhandari.... OF ....JSPM's BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY....

HAS ATTENDED A ORIENTATION WORKSHOP (FDP) ON " **SYLLABUS DETALING B.E. COMPUTER, 2019 COURSE,**

SUBJECT - DEEP LEARNING (SUBJECT CODE- 410251) " ORGANISED BY BOARD OF STUDIES,

COMPUTER ENGINEERING, SAVITRIBAI PHULE PUNE UNIVERSITY ON 19TH JANUARY 2023

IN ASSOCIATION WITH DEPARTMENT OF COMPUTER ENGINEERING ,

SRES'S SHREE RAMCHANDRA COLLEGE OF ENGINEERING, LONIKAND, PUNE.

DR. ARCHANA CHOUGALE
SUBJECT CO-ORDINATOR
BOS MEMBER

MRS. SHUBHRA MATHUR
CONVENER & H.O.D.

PROF. DR. A.D. DESAI
PRINCIPAL S.R.C.O.E.

E & ICT Academy, IIT Kanpur

(A Joint initiative of MeitY & IIT Kanpur)

Certificate

This is to certify that

Dr. / Mr. / Ms. **Gayatri Mahen a Bhandari** of

JSPMs Bhivarabai Sawant Institute of Technology and Research, Pune , Maharashtra

has completed the **Faculty Development Program** on

Cyber Security

from 20-02-2023 to 24-02-2023

Prof B. V. Phani

Prof Amey Karkare

Date of Issue: 13-03-2023

Chief Investigator E & ICT Academy, IIT Kanpur

E & ICT Academy, IIT Kanpur

(A Joint initiative of MeitY & IIT Kanpur)

Certificate

This is to certify that

Dr. / Mr. / Ms. **Gayatri Mahen a Bhandari** of

JSPMs Bhivarabai Sawant Institute of Technology and Research, Pune , Maharashtra

has completed the **Faculty Development Program** on

Cyber Security

from 20/02/23 to 24/02/23

Date of Issue: 13/03/23

Prof B. V. Phani   **Prof Amey Karkare**

Chief Investigator E & ICT Academy, IIT Kanpur

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Ms. Kanchan Pradhan from JSPM's Bhivarabai Sawant Institute of Technology and Research, Pune has participated and successfully completed the 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 30th January to 3rd February 2023.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

Certificate of Participation

presented to

Prof. Priya Sharma

of

Savitribai Phule Pune University

for participating in Professional Development Workshop on Digital Creativity Skills
as a part of **Adobe Academic Essentials** program.

Adobe Express

Garima Babbar
Head Education & Skills - APAC and India
Adobe

Dr. Mamta Rani Agarwal
Advisor-I
AICTE

Certificate

This is to certify that **Priya Sharma** from **JSPM Bsiotr** has successfully completed

Microsoft, SAP & AICTE ATAL led Faculty Development Program on "Cloud Computing"

under **TechSaksham** Program from **30th January to 03rd February 2023**.

Ashutosh Chadha
Director & Country Head
Public Policy & Government Affairs
Microsoft India

Nitish Agrawal
Chief Customer Officer
SAP India

Dr. Mamta Rani Aggarwal
Advisor-I
AICTE

Nagesh Singh
Executive Director
EdunetFoundation

Reference no. TSP2_FDP_16381

JSPM's
Bhivarabai Sawant Institute of Tech. & Research,Wagholi, Pune.

Accredited by NAAC ,Bengaluru.(Electrical, E & TC and IT accredited by NBA, New Delhi.)

CERTIFICATE OF PARTICIPATION

This certificate is presented to

Priya Sharma

of _____ **JSPM, BSIOTR, wagholi, Pune(M.H)** _____

has participated in One Week National Level Online Faculty Development Program On **"Outcome Based Education through Student Centric Teaching-Learning Process"** held from 22/05/2023 to 26/05/2023 Organized by **Department of Engineering Science , BSIOTR Wagholi,Pune** in association with **"IETE Pune Centre"**& **"IEEE Communication Society Pune Chair"**.

Coordinator	**Coordinator**	**Convener**	**Principal**
Dr.Manjusha Patil	Mr.S.D.Bhourgunde	Dr.Swati Godse	Dr.T.K.Nagaraj

Society For Computer Technology and Research's

Pune Institute of Computer Technology, Pune

Department of Computer Engineering

One day FOP on 'Software Defined Network'

under the guidance of

Board of Studies-Computer Engineering, Savitribai Phule Pune University, Pune

Certificate of Participation

This Certificate is presented to

Prof. Shrishail Patil

for participation in Online Faculty Orientation Program on the new curriculum for BE-Computer Engineering (2019 Course) for the subject **"Elective V- Software Defined Network (410252C)"** held on 20th January 2023.

Dr. G. V. Kale	**Dr. Varsha Patil**	**Dr. S. T. Gandhe**	**Dr. P. T. Kulkarni**
Convener & HOD	Chairman, BOS	Principal,	Director,
(Computer Engineering)	(Computer Engineering)	PICT	PICT
PICT	SPPU, Pune		

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Mrs. Sonal Nikhil Jirapure from JSPM's Bhivarabai Sawant Institute of Technology and Research, Pune has participated and successfully completed the 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 30th January to 3rd February 2023.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

MECHANICAL ENGINEERING DEPARTMENT

Faculty Development Programs attended for Academic year 2020-21

Sr No	Name of Faculty	Title of FDP attented	Date
1	Prof.P.V.Jatti	ICT enabled One-week online course on Digital	29.06.2020
2.	Dr.P.S.Kachare	8 D Problem Solving Methodology	13.7.2020

Dr.P.S.Kachare

HOD

ICTACADEMY

CERTIFICATE

OF COMPLETION

This certificate is presented to

Jatti Prabhuling V.

for successful completion of all requirements of

one week online Certificate Course on

DIGITAL TEACHING TECHNIQUES

organized by ICT Academy from 29 Jun 2020 to 04 Jul 2020.

Dr B Anbuthambi
President
ICT Academy

CERTIFICATE ISSUED

11 Jul 2020

CERTIFICATE NO

DTT-9181

M Sivakumar
Chief Executive Officer
ICT Academy

CERTIFIED
DIGITAL
TEACHER

This certificate can be validated at verify.ictacademy.in

LET'S LEARN AND GROW TOGETHER

CERTIFICATE

OF APPRECIATION

KRUSHIVARDHAN AGROTECH

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Dr. Pravin S. Kachare

For attending a webinar on "8D Problem Solving Methodology" on 13th July, 2020

13th July, 2020

Date

Dattatraya Khodake

Team LLAGT

A Webinar on 8D Problem Solving Methodology | Webinar Series | RMTate | LLAGT

MECHANICAL ENGINEERING DEPARTMENT
Faculty Development Programs attended for Academic year 2021-22

Sr No	Name of Faculty	Title of FDP attented	Date
1	Dr.A.G.Patil	Recent Trends in Renewable Energy	31/01/2022 to 04/02/2022
2	Dr.A.G.Patil	An overview of CFD	22/01/2022
3	Prof.A.V.Talape	Advanced Applications of AIML	22/11/2022 to 2/12/2023
4	Prof.V.R.Mohite	FDP on Artificial Intelligence and Blockchain application for agriculture for agriculture sector.	24/01/2022 to 28/01/2022
5	Prof.V.R.Mohite	Intellectual Property Rights	25/01/2022
6	Prof.V.R.Mohite	Programming and Problem solving with Python	02/01/2022
7	Dr.L.M.Rathod	Surviving peer review for Research Publication	25/01/2022
8	Prof.R.R.Rathod	International webinar Series	02/09/2022
9	Dr.P.S.Kachare	Intellectual Property Rights	25/01/2022

Dr.P.S.Kachare

HOD

No: ATAL/2022/1643280139

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that Arun Patil, Assistant Professor of JSPM,BSIOTR participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Recent Trends in Renewable Energy" from 31/01/2022 to 04/02/2022 at GOVERNMENT ENGINEERING COLLEGE.

Advisor-I, ATAL Academy
Mamta Rani Agarwal

Coordinator

SKILL LYNC

CERTIFICATE OF PARTICIPATION

ARUN PATIL

for attending the bootcamp on

An overview of CFD

22 Jan 2022
Date:

SURYANARAYANAN P
Program Director

Certificate UID : msr0agtnz7

Sinhgad College of Engineering, Pune

Department of Mechanical Engineering

Certificate of Participation

This is to certify that

Mr.Atul Vasant Talape

JSPM's Bhivarabai Sawant IOTAR, Wagholi

has attended two weeks short term training program (STTP) on

Advances and Applications of Artificial Intelligence and Machine Learning (AIML)

approved by AICTE-ISTE, held during 22nd November 2021 to 2nd December 2021,
organized by STES's Sinhgad College of Engineering, Pune, Maharashtra.

Prof. P. H. Lokhande	Dr. T. A. Jadhav	Dr. A. P. Pandhare	Dr. Y. P. Reddy	Dr. S. D. Lokhande
Coordinator	Coordinator	HoD, Mechanical Engineering	Vice-Principal, SCOE, Pune	Principal, SCOE, Pune

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **MOHITE VIVEK RAMCHANDRA**, **Associate Professor** of **JSPM's Bhivarabai Sawant Institute of Technology and Research Wagholi Pune** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Advanced** FDP on "**FDP on Artificial Intelligence and Blockchain Application for Food Agriculture Sector**" from **24/01/2022** to **28/01/2022** at **INDIAN INSTITUTE OF PLANTATION MANAGEMENT BENGALURU** .

Advisor-I, ATAL Academy
Mamta Rani Agarwal

Coordinator

INTELLECTUAL
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NATIONAL IP AWARENESS MISSION

सत्यमेव जयते

Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

CERTIFICATE

This is to certify that, **MR. MOHITE VIVEK** of **JSPM'S BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH WAGHOLI, PUNE** has successfully participated in IP Awareness/Training program under

NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION

on January 25,2022

Organized by
Intellectual Property Office, India

Date:February 07,2022

(RAJENDRA RATNOO, IAS)
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

M **Gmail**   **Vivek Mohite <vrmohite@gmail.com>**

Certificate of Participation

McGrawHillEducation@theonlinexpo.com <McGrawHillEducation@theonlinexpo.com>   Tue, Feb 1, 2022 at 11:00 AM
Reply-To: McGrawHillEducation@theonlinexpo.com
To: VRMOHITE@gmail.com

McGraw Hill

CERTIFICATE OF
PARTICIPATION

This certificate is presented to

Vivek Mohite

For Participating in the Webinar

PROGRAMMING
AND PROBLEM
SOLVING WITH PYTHON

By ASHOK NAMDEV KAMTHANE
& AMIT ASHOK KAMTHANE

LALIT SINGH
Managing Director
McGraw-Hill

Research Circle

Certificate of Participation

This is to certify that

Lakhan Rathod

has participated in the webinar - Surviving Peer
Review For Research Publication
- organized by Research Circle held on
25 Jan 2022

Signature

ISO 9001

Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

CERTIFICATE

This is to certify that, **MR. PRAVIN KACHARE** of **JSPM'S BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH WAGHOLI, PUNE** has successfully participated in IP Awareness/Training program under

NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION

on January 25,2022

Organized by
Intellectual Property Office, India

Date:February 07,2022

(RAJENDRA RATNOO, IAS)
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

MECHANICAL ENGINEERING DEPARTMENT
Faculty Development Programs attended for Academic year 2022-23

Sr No	Name of Faculty	Title of FDP attented	Date
1	Prof.A.V Talape	One day Certificate course on Industrial Robotics By Autofina Robotics	17/09/2022
2	Prof.A.V Talape	Syllabus Implementation workshop on Computer Integrated Manfacturing	11/01/2022 to 13/01/2022
3	Prof.A.V Talape	FDP on advanced manufacturing Processes	17/10/2022 to 22/10/2022
4	Prof.A.V Talape	Python for data science	Jully to August 2022
5	Prof.A.V Talape	STTP-Role of AIML & Data science in emerging trends of Mechanical Engineering	22/01/2022 to 30/01/2022
6	Prof.A.V Talape	Workshop on NEP Implementation	12/08/2022
7	Prof.A.V Talape	Syllabus Implementation workshop on IPOB	16/01/2023 to 18/01/2022
8	Prof.A.V Talape	Workshop on Voice Modulation to improve your voice	11/03/2023
9	Prof.Pankaj Patil	FDP on advanced manufacturing Processes	17/10/2022 to 22/10/2022
10	Prof.Pankaj Patil	Workshop on NEP 2020 Implementation	12/08/2022
11	Dr.Ajay Pingale	NPTEL-Electronic Waste Management	Jan to feb 2023
12	Dr.Ajay Pingale	FDP on Application of ANSYS for Engineering problems	19/12/2022 to 23/12/2022

13	Dr.Ajay Pingale	FDP on advanced manufacturing Processes	17/10/2022 to 22/10/2022
14	Dr.Ajay Pingale	Syllabus Implementation workshop on Computer Integrated Manfacturing	11/01/2022 to 13/01/2022
15	Dr.Ajay Pingale	FDP on Recent advancement in material,Micro manufacturing and Charaterization	13/03/2023 to 17/03/2023
16	Dr.Ajay Pingale	FDP on Geometric Dimensioning and Tolerances	17/04/2023 to 22/04/2023
17	Dr.Ajay Pingale	Syllabus Implementation workshop on Engineering Economics & Financial Management	11th,12th and 16th Jan 2023
18	Dr.Ajay Pingale	Recent trends in Artificial Intelligence and Cyber security	1/11/2022 to 5/11/2022
19	Dr.Ajay Pingale	STTP on Applications of AIML in Mechanical Engineering	08/08/2022 to 12/08/2022
20	Dr.Ajay Pingale	FDP on Taking Research to next level	26/09/2022 to 30/09/2022
21	Dr.Ajay Pingale	Syllabus Implementation workshop on PED	12/01/2023 to 14/01/2023
22	Dr.P.S.Kachare	NPTEL-Design thinking-A Primer	Aug to Sept 2022
23	Prof.P.V.Jatti	FDP on advanced manufacturing Processes	17/10/2022 to 22/10/2022
24	Prof.P.V.Jatti	Workshop on NEP 2020 Implementation	12/08/2022
25	Prof.V.A.Patil	Recent Advances & Challenges in Electric,hybrid & Fuel cell Vehicles	27/01/2023 to 31/01/2023
26	Prof.V.A.Patil	FDP on advanced manufacturing Processes	17/10/2022 to 22/10/2022
27	Prof.V.A.Patil	STTP-Role of AIML & Data Science in Emerging Trends of Mechanical Engineering	23/01/2023 to 30/01/2023
28	Prof.V.A.Patil	Syllabus implementation workshop on CIM	11/01/2023 to 13/01/2023

29	Prof.V.A.Patil	Workshop on NEP 2020 Implementation	12/08/2022
30	Prof.A.M.Salve	FDP on advanced manufacturing Processes	17/10/2022 to 22/10/2022
31	Prof.A.M.Salve	Syllabus implementation workshop on CIM	11/01/2023 to 13/01/2023
32	Prof.M.S.Devdhe	Design and simulation in solid and Fluid mechanics applications using Ansys 14	31/1/2023 to 4/02/2023
33	Prof.M.S.Devdhe	Syllabus Implementation Workshop Cum Faculty Development Program" for the subject "Quality & Reliability Engineering	12/1/2023 to 14/1/2023

Dr.P.S.Kachare

HOD

AUTOFINA
ROBOTICS

CERTIFICATE

FOR INDUSTRIAL ROBOTICS

This is awarded to

Atul Vasant Talape

for successful completion of
the One-Day Certificate Course on Industrial Robotics
conducted by Autofina Robotics, United Kingdom.

Date of achievement: 17th Sep 2022

Head Of Examination

Scan to Verify

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SCIENCE & TECHNOLOGY
GOVERNMENT OF INDIA

SCIENCE AND
TECHNOLOGY PARK

Savitribai Phule Pune University

Faculty of Science and Technology

Board of Automobile and Mechanical Engineering

BE-Mechanical Engineering (2019 Course)

(January 11-13, 2023)

Certificate of Appreciation

This certificate is gratefully presented to

ATUL VASANT TALAPE

JSPM'S Bhivarabai Sawant Institute of Technology and Research

for participating in **Faculty Development Program** on **"Syllabus Implementation Workshop"**

for the subject of **"Computer Integrated Manufacturing"** on **11-13 January 2023** organised at

SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad, Dist: Nashik .

Prof. R. M. Sonar	Dr. V. D. Wakchaure	Dr. P. A. Patil	Dr. M. D. Kokate	Dr. S. S. Pardeshi
Subject Coordinator	Domain Coordinator	(BOS Coordinator)	(Principal SNJB's COE)	(Immediate BOS Chairman)

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

ATUL VASANT TALAPE

of

JSPM's Bhivarabai Sawant Institute of Technology and Research wagholi

For attending 6 Days FDP on

"Advanced Manufacturing Processes"

for the period of 17th to 22nd October, 2022.

LET'S LEARN AND GROW TOGETHER

KRUSHIVARDHAN AGROTECH

Team LLAGT

Certificate ID: HGZ3DA-CE000063

6 Days FDP on Advanced Manufacturing Processes | WebinarMonday | ProfDGhodake | #LLAGT

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ATUL VASANT TALAPE

for successfully completing the course

Python for Data Science

with a consolidated score of **66** %

Online Assignments	20.67/25	Programming Assignment	23.25/25	Proctored Exam	21.83/50

Total number of candidates certified in this course: **3991**

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Aug 2022
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

E9GKGK-CE000102

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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that

Mr./Mrs. _ATUL VASANT TALAPE_

from _JSPM's Bhivarabai Sawant Institute of Technology and Research_

has participated in **ISTE Approved Short Term Training Program (STTP) on Role of Artificial Intelligence, Machine Learning & Data Science in Emerging Trends of Mechanical Industries** organized by Department of Mechanical Engineering from 23rd January to 30th January 2023.

Prof. V. C. Shinde
Co-ordinator

Dr. A. B. Ubale
Co-ordinator

Prof. S. M. Godase
HOD, Mechanical Engineering

Dr. A. M. Kate
Principal

UGC-Human Resource Development Centre

Savitribai Phule Pune University

This is to Certify that

Prof. Atul Talape, Professor of **JSPM's BSIOTR,** affiliated to **SPPU PUNE,** has participated in Online Workshop on NEP-2020 Implementation Plan under the component **Promotion of Indian Knowledge Systems** conducted by the **UGC-Human Resource Development Centre ,Savitribai Phule Pune University, Pune 411007,** on **12/08/2022** under the UGC scheme.

DIRECTOR

Savitribai Phule Pune University
Faculty of Science and Technology
Board of Automobile and Mechanical Engineering

BE-Mechanical Engineering (2019 Course)

(January 16-18, 2023)

Certificate of Appreciation

This certificate is gratefully presented to

ATUL VASANT TALAPE

JSPM'S Bhivarabai Sawant Institute of Technology and Research Pune

for participating in **"Syllabus Implementation Workshop"** for the subject of
"Industrial Psychology and Organizational Behavior" on **16-18 January 2023** organised by
Guru Gobind Singh College of Engineering and Research Centre, Nashik

Dr. C.D.Mohod
(Subject Coordinator)

Dr. N.G. Nikam
(Principal GCOERC)

Dr. S. S. Pardeshi
(BOS Chairman)

ESTD. : 2013

JAYAWANT SHIKSHAN PRASARAK MANDAL'S
CHARAK COLLEGE OF PHARMACY AND RESEARCH
WAGHOLI, PUNE-412207

Accredited by National Assessment and Accreditation Council

Savitribai Phule Pune University, Pune
Sponsored
Two Days State Level Workshop under Quality Improvement Programme
on
Implementation of National Education Policy 2020
Theme- SWAYAM MOOCs

This is to certify that Dr./Mr./Ms./Mrs. _Talape Atul_ has

participated as Resource Person/Delegate in Savitribai Phule Pune University Sponsored Two Days

Workshop on "Implementation of National Education Policy 2020: Theme- SWAYAM MOOCs organized

by JSPM's Charak College of Pharmacy and Research, Wagholi, Pune, on 21st & 22nd February, 2023.

Dr. Sampada S. Jangam
Co-ordinator

Dr. Sagar B. Wankhede
Principal

Jaywant Shikshan Prasarak Mandal's
Imperial College of Engineering and Research,
Wagholi, Pune, India.
(Accredited by NAAC 'A' Grade, affiliated to Savitribai Phule Pune University)

Office of Dean Academics

CERTIFICATE OF PARTICIPATION

This is to certify that _Prof. Atul Vasant Talape_

has participated in Offline National Level Workshop on *"Voice Modulations-Improve Your Voice Skills"* held on 11th March 2023. Best wishes!

Dr. S. L. Borse
Co-ordinator

Prof. N. S. Biradar
Convener

PRINCIPAL
Jaywant Shikshan Prasarak Mandal's
Imperial College of Engineering & Research,
Dr. R.S. Deshpande
Principal

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Patil Pankaj Ganpatrao

of

JSPM's BSIOTR, Pune, India

For attending 6 Days FDP on "Advanced Manufacturing Processes".

KRUSHIVARDHAN AGROTECH

LET'S LEARN AND GROW TOGETHER

Team LLAGT

Certificate ID: HGZ3DA-CE000010

6 Days FDP on Advanced Manufacturing Processes | Webinar Monday | ProfDGGhodake | #LLAGT

UGC-Human Resource Development Centre

Savitribai Phule Pune University

This is to Certify that

Prof. Pankaj Patil, Professor of **JSPM's BSIOTR,** affiliated to **SPPU PUNE,** has participated in Online Workshop on NEP-2020 Implementation Plan under the component **Promotion of Indian Knowledge Systems** conducted by the **UGC-Human Resource Development Centre ,Savitribai Phule Pune University, Pune 411007,** on **12/08/2022** under the UGC scheme.

DIRECTOR

NPTEL-AICTE
Faculty Development Programme

This certificate is awarded to

DR AJAY PINGALE

for successfully completing the course

Electronic Waste Management - Issues and Challenges

with a consolidated score of **85** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jan-Feb 2023)

CERTIFICATE OF PARTICIPATION

This is to certify

Dr. Ajay Pingale

of

JSPM's BSIOTR, Pune

Has participated in

5 Days FDP

On

"APPLICATION OF ANSYS FOR ENGINEERING PROBLEMS"

Conducted by

Marwadi University & ARK Infosolution Pvt. Ltd.

from

19th – 23rd Dec, 2022

BINISH PARIKH
Vice President
ARK INFOSOLUTIONS PVT. LTD

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Dr. Ajay Pingale

of

JSPM's BSIOTR, Pune, India

For attending 6 Days FDP on

"Advanced Manufacturing Processes"

for the period of 17th to 22nd October, 2022.

LET'S LEARN AND GROW TOGETHER

KRUSHIVARDHAN AGROTECH

Team LLAGT

Certificate ID: HGZ3DA–CE000061

6 Days FDP on Advanced Manufacturing Processes | WebinarMonday | ProfDGGhodake | #LLAGT

Savitribai Phule Pune University

Faculty of Science and Technology

Board of Automobile and Mechanical Engineering

BE-Mechanical Engineering (2019 Course)

(January 11-13, 2023)

Certificate of Appreciation

This certificate is gratefully presented to

Dr. Ajay Pingale

JSPM's BSIOTR Pune

for participating in **Faculty Development Program** on **"Syllabus Implementation Workshop"**

for the subject of **"Computer Integrated Manufacturing"** on **11-13 January 2023** organised at

SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad, Dist: Nashik .

Prof. R. M. Sonar	Dr. V. D. Wakchaure	Dr. P. A. Patil	Dr. M. D. Kokate	Dr. S. S. Pardeshi
Subject Coordinator	Domain Coordinator	(BOS Coordinator)	(Principal SNJB's COE)	(Immediate BOS Chairman)

DPU

Dr. D. Y. Patil Unitech Society's
DR. D. Y. PATIL INSTITUTE OF TECHNOLOGY, PIMPRI, PUNE-18

DEPARTMENT OF MECHANICAL ENGINEERING

Certificate

of Participation

This certifies that

Dr. Ajay Pingale

from JSPM's BSIOTR has actively attended ISTE approved One Week National Level Faculty Development Program on **"Recent Advancement in Material, Micro-Manufacturing and Characterization (RAMMC-23)"** from **13th to 17th March 2023**, organized by Department of Mechanical Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune.

Mr. Yogesh Khairnar
Faculty Coordinator

Dr. Narendra Bhople
Faculty Coordinator

Dr. Nitin P. Sherje
Head Of Mechanical Engg.

Dr. Lalit Kumar Wadhwa
Principal

JSPM, Bhivarabai Sawant Institute of Technology & Research

Gat No: 720/2, Nagar Road, Wagholi, Pune, Maharashtra 412207.

CERTIFICATE

OF PARTICIPATION

PROUDLY PRESENTED TO

Dr Ajay Pingale

for participating and attending Six days **FACULTY DEVELOPMENT PROGRAMME** on the theme
GEOMETRIC DIMENSIONING & TOLERANCES held from **17 April 2023 to 22 April 2023**

Dr. P.S.KACHARE
HOD-MECH

Dr. ARUN PATIL
CONVENOR

Dr. T.K.NAGARAJ
PRINCIPAL

silhouettez

DEPARTMENT OF MECHANICAL ENGINEERING

Board of Studies
Mechanical and Automobile Engineering

Faculty of Science and Technology
Savitribai Phule Pune University, Pune

BE - MECHANICAL ENGINEERING

2019 Course Implementation and Faculty Development Program

Certificate of Appreciation

This is to certify that

Dr. Ajay Pingale

of

JSPM'S BSIOTR Pune

has attended implementation of 2019 Course Curriculum at
BE Mechanical Engineering for the Course

Department of Mechanical Engineering
Vidya Pratishthan's Kamalnayan Bajaj
Institute of Engg. & Technology
Baramati

Department of Mechanical Engineering
Amrutvahini College of Engineering,
Sangamner

Engineering Economics & Financial Management (402050D)

from 11,12 & 16 January 2023

Dr. Manisha Lande	Dr. V. D. Wakchaure	Dr. S. M. Bhosle	Dr. S. S. Pardeshi
MED, VPKBIET	HOD, MED, AVCOE	HOD, MED	MED, COEP
Subject Co-ordinator	Domain Co-ordinator	VPKBIET	Chairman, BOS

Savitribai Phule Pune University

Faculty of Science and Technology

Board of Automobile and Mechanical Engineering

BE-Mechanical Engineering (2019 Course)

(January 12-14, 2023)

Certificate of Appreciation

This certificate is gratefully presented to

Dr. Ajay Pingale

JSPM's BSIOTR Pune

for participating in **"Syllabus Implementation Workshop"** for the subject of **"Process Equipment Design"** on **12-14 January 2023** organised at **Sharadchandra Pawar College of Engineering and Technology, Someshwarnagar.**

Dr. S. R.Gawade	Dr. P. A. Patil	Dr. S..A. Deokar	Dr. S. S. Pardeshi
(Coordinator SPCOE&T)	(BOS Coordinator)	(Principal SPCOE&T)	(Immediate BOS Chairman)

KJ's EDUCATIONAL INSTITUTE

K J COLLEGE OF ENGINEERING AND MANAGEMENT RESEARCH

One Week ISTE Approved Online STTP Program on

"Applications of Artificial Intelligence and Machine Learning in Mechanical Engineering"

Certificate

This is certified that Dr./Prof./Mr./Ms. **Ajay Dadabhau Pingale** of **JSPM's Bhivarabai Sawant Institute of Technology and Research** participated and completed successfully One Week ISTE Approved Online STTP Program on *"Applications of Artificial Intelligence and Machine Learning in Mechanical Engineering"* from 08/08/2022 to 12/08/2022, organized by Department of Mechanical Engineering, K J College of Engineering and Management Research, Pune.

Prof. S.S. Dol / S.G. Potdar
(STTP Coordinator)

Prof. G. S. Patil
(HOD, Mech)

Dr. S. S. Khot
(Principal)

Made for free with Certify'em

CERTIFICATE OF PARTICIPATION

PRESENTED TO

Dr. Ajay D. Pingale

of

JSPM's Bhivarabai Sawant Institute of Technology and Research

In recognition for participation in

One Week Online Faculty Development Progamme on "Taking Research to Next Level" organized by Department of Mechanical Engineering & Department of Basic Science , in Association with IQAC, ISNT and IIC Cell, Sri Venkateshwara College of Engineering, Bengaluru from 26th to 30th September 2022.

Dr. K Srinivasa Rao
Co-Convener

Dr. Sunil S
Convener

Dr. Nageswara Guptha M
Principal

Made for free with Certify'em

Shri Vishnu Engineering College for Women : : Bhimavaram
(Autonomous)
Department of Computer Science & Engineering

One Week National Level Online Faculty Development Program on

Recent Trends in Artificial Intelligence and Cyber Security

Certificate of Participation

This is to certify that **Dr. Ajay Pingale** of **JSPM's BSIOTR**, has participated in One Week National Level Online Faculty Development Program on **Recent Trends in Artificial Intelligence and Cyber Security** from 01-05 November 2022 organized by the department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram. He/She has cleared the end exam successfully.

Dr. P. Kiran Sree
HOD-CSE

Dr. P. Srinivasa Raju
Vice-Principal

Dr. G. Srinivasa Rao
Principal

GRHPSY-CE000203

NPTEL-AICTE
Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DR PRAVIN SUDHAKAR KACHARE

for successfully completing the course

Design Thinking - A Primer

with a consolidated score of **67** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Aug-Sep 202

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Mr Prabhuling V Jatti

of

Bhivarabai sawant Institute of Techology and Research, Pune

For attending 6 Days FDP on

"Advanced Manufacturing Processes"

for the period of 17th to 22nd October, 2022.

KRUSHIVARDHAN AGROTECH

LET'S LEARN AND GROW TOGETHER

Team LLAGT

Certificate ID: HGZ3DA–CE000066

6 Days FDP on Advanced Manufacturing Processes | WebinarMonday | ProfDGhodake | #LLAGT

UGC-Human Resource Development Centre

Savitribai Phule Pune University

This is to Certify that

Prof. Prabhuling Jatti, Professor of JSPM's BSIOTR, affiliated to SPPU PUNE, has participated in Online Workshop on NEP-2020 Implementation Plan under the component Promotion of Indian Knowledge Systems conducted by the UGC-Human Resource Development Centre ,Savitribai Phule Pune University, Pune 411007, on 12/08/2022 under the UGC scheme.

DIRECTOR

CERTIFICATE OF PARTICIPATION

Department of Automobile Engineering
in association with
Internal Quality Assurance Cell (IQAC)

Prof.Varsha A Patil

of

JSPM'S BSIOTR

is awarded with certificate for active participation in Five Days Online Faculty Development Program on "Recent Advances & Challenges in Electric, Hybrid & Fuel Cell Vehicles" conducted during 27th Jan 2023 to 31st Jan 2023.

Prof. Vyom Bhushan	Prof. Atul N. Gowardipe	Dr. Rahul Bachute	Dr. Farook B. Sayyad	Dr. Kamaljeet Kaur
(Co-ordinator)	(Co-ordinator)	(HoD, Automobile Engg.)	(Principal)	(Director - TC)

Made for free with Certify'em

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Mrs.Varsha Amol Patil

of

JSPM's BSIOTR

For attending 6 Days FDP on

"Advanced Manufacturing Processes"

for the period of 17th to 22nd October, 2022.

KRUSHIVARDHAN AGROTECH

LET'S LEARN AND GROW TOGETHER

Team LLAGT

Certificate ID: HGZ3DA-CE000063

6 Days FDP on Advanced Manufacturing Processes | Webinar Monday | ProfDGGhodake | #LLAGT

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ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE

DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that

Mr./Mrs. *Prof. Varsha Amol Patil*

from Jspm's BSIOTR

has participated in **ISTE Approved Short Term Training Program (STTP) on Role of Artificial Intelligence, Machine Learning & Data Science in Emerging Trends of Mechanical Industries** organized by Department of Mechanical Engineering from 23rd January to 30th January 2023.

Prof. V. C. Shinde
Co-ordinator

Dr. A. B. Ubale
Co-ordinator

Prof. S. M. Godase
HOD, Mechanical Engineering

Dr. A. M. Kate
Principal

Savitribai Phule Pune University

Faculty of Science and Technology

Board of Automobile and Mechanical Engineering

BE-Mechanical Engineering (2019 Course)

(January 11-13, 2023)

Certificate of Appreciation

This certificate is gratefully presented to

Varsha Amol patil

JSPM'S BSIOTR Wagholi pune

for participating in **Faculty Development Program** on **"Syllabus Implementation Workshop"**

for the subject of **"Computer Integrated Manufacturing"** on **11-13 January 2023** organised at

SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad, Dist: Nashik .

Prof. R. M. Sonar	Dr. V. D. Wakchaure	Dr. P. A. Patil	Dr. M. D. Kokate	Dr. S. S. Pardeshi
Subject Coordinator	Domain Coordinator	(BOS Coordinator)	(Principal SNJB's COE)	(Immediate BOS Chairman)

UGC-Human Resource Development Centre

Savitribai Phule Pune University

This is to Certify that

Prof. Varsha Patil, Professor of **JSPM's BSIOTR,** affiliated to **SPPU PUNE,** has participated in Online Workshop on NEP-2020 Implementation Plan under the component **Promotion of Indian Knowledge Systems** conducted by the **UGC-Human Resource Development Centre ,Savitribai Phule Pune University, Pune 411007,** on **12/08/2022** under the UGC scheme.

DIRECTOR

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Mrs Anusaya salwe

of

JSPM's BSIOTR Wagholi

For attending 6 Days FDP on

"Advanced Manufacturing Processes"

for the period of 17th to 22nd October, 2022.

KRUSHIVARDHAN AGROTECH

LET'S LEARN AND GROW TOGETHER

Team LLAGT

Certificate ID: HGZ3DA-CE000060

6 Days FDP on Advanced Manufacturing Processes | Webinar Monday | Prof.D.G.hodake | #LLAGT

Savitribai Phule Pune University

Faculty of Science and Technology

Board of Automobile and Mechanical Engineering

BE-Mechanical Engineering (2019 Course)

(January 11-13, 2023)

Certificate of Appreciation

This certificate is gratefully presented to

Salwe A.M.

JSPM's BSIOTR Wagholi

for participating in **Faculty Development Program** on **"Syllabus Implementation Workshop"**

for the subject of **"Computer Integrated Manufacturing"** on **11-13 January 2023** organised at

SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad, Dist: Nashik .

Prof. R. M. Sonar	Dr. V. D. Wakchaure	Dr. P. A. Patil	Dr. M. D. Kokate	Dr. S. S. Pardeshi
Subject Coordinator	Domain Coordinator	(BOS Coordinator)	(Principal SNJB's COE)	(Immediate BOS Chairman)

Pune Vidyarthi Griha's

College of Engineering and Technology &

G.K. Pate (Wani) Institute of Management, Pune-09

Approved by AICTE, DTE (CODE: 6274) | Affiliated to SPPU, Pune | NAAC Second Cycle 'A' Grade

CERTIFICATE OF PARTICIPATION

This is to certify that

Devdhe Mayur Sayaji from **Adsul Technical Campus,Chas Ahmednagar**

has successfully completed "One week Online Faculty Development Program on 'Design and simulation in Solid and Fluid Mechanics Applications using Ansys -R21' during – 31st January 2022 to 04th February 2022 organized by the Department of Mechanical Engineering of Pune Vidyarthi Griha's College of Engineering and Technology & G.K. Pate (Wani) Institute of Management, Pune-09 in Association with ARK Infosolutions Pvt. Ltd

Prof. V. S. Chavan
Co-Coordinator

Prof. D. S. Patil
Coordinator

Dr. M. M. Bhoomkar
Convenor, HOD MECH

Bimish Parikh
Vice President
ARK INFOSOLUTIONS
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Dr. M. R. Tarambale
(I/C) Principal

Prof. R. G. Kaduskar
Director

Shri. S. P. Redekar
Chairman, PVG

Savitribai Phule Pune University

Faculty of Science and Technology
Board of Automobile and Mechanical Engineering

BE - Mechanical Engineering (2019 Course)

(January 12-14, 2023)

Certificate of Appreciation

This certificate is gratefully presented to

Ms. / Mrs. /Mr. /Prof.Devdhe Mayur S

of JSPM BSIOTR Wagholi

for participating in **"Syllabus Implementation Workshop Cum Faculty Development Program"** for the subject
"Quality & Reliability Engineering" on **12 to 14 Jan 2023** at
Ajeenkya DY Patil School of Engineering, Lohegaon,Pune-412105.

Prof. Amol N. Patil
(Coordinator, ADYPSOE)

Prof. Rohit N. Garad
(HOD, Mech. ADYPSOE)

Dr. P. A. Patil
(BOS Coordinator)

Dr. F.B. Sayyad
(Principal, ADYPSOE)

Dr. S. S. Pardeshi
(BOS Chairman)

ABOUT

Sinhgad College of Engineering (SCOE) is private unaided institution that was established in the year 1996. The institute offers eight undergraduate engineering programmes of four year duration namely Mechanical Engineering, Electronics & Telecommunication Engineering, Computer Engineering, Chemical Engineering, Information Technology, Production Engineering, Civil Engineering, Bio-Technology. Three engineering departments are offering post-graduate programs. The department of Mechanical Engineering, Electronics & Telecommunication Engineering, and Civil Engineering are recognized Ph.D. Research Centre by University of Pune. The institute also offers a post-graduate program leading to MBA degree. The Institute has a total under-graduate and post-graduate enrollment of 1140 and 90 students respectively. There are 67 students registered for Ph.D. with this research center. All the courses are approved by All India Council for Technical Education (AICTE) and affiliated to University of Pune.

OBJECTIVE OF THE FDP

- To orient faculty towards the TE Revised Syllabus for System Programming and Operating System (Theory and Laboratory)
- To bring uniformity in teaching across all colleges under SPPU Pune.

REGISTRATION DETAILS

Link for Free Registration:
http://bit.do/FDP-SPOS-TE-2019

Note:
- Sessions will be conducted online through Microsoft Teams
- Online Registration is mandatory to participate in session
- E-certificate will be provided to all participants on attendance and submission of feedback form.

CHIEF PATRONS

Prof. M. N. Navale
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Dr. Mrs. Sunanda M. Navale
Founder Secretary, STES, Pune
Mrs. Rachana Navale-Ashtekar
Vice President (Admin), STES, Pune.
Mr. Rohit M. Navale
Vice President (HR) STES, Pune

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Dr. (Mrs.) Varsha Patil	Chairman, BOS Comp Engg.
Dr. S. S. Sane	Member, BOS-COMP, SPPU
Dr. M. L. Dhore	Member, BOS-COMP, SPPU
Dr. R. V. Patil	Member, BOS-COMP, SPPU
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Dr. Pramod Patil	Member, BOS-COMP, SPPU
Dr. Parikshit Mahalle	Member, BOS-COMP, SPPU
Dr. P. M. Yawalkar	Member, BOS-COMP, SPPU
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Mr. R Venkateswaran	Member, BOS-COMP, SPPU
Mr. Girish Khilari	Member, BOS-COMP, SPPU
Mr. Sachin Lodha	Member, BOS-COMP, SPPU
Dr. Manisha Bhende	SPOS, Subject Coordinator
Dr Amol D Potgantwar	LP-1, Coordinator

ORGANZING COMMITTEE

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- Prof. R. G. Deshmukh   • Prof. A. A.Kotalwar

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CONVENER

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Head, Dept. of Computer Engg, Pune

PRINCIPAL

Dr. S. D. Lokhande
SCOE, Vadgaon(Bk.), Pune

STE'S, Sinhgad College of Engineering, Vadgaon (Bk.), Pune-411041

(Affiliated to Savitribai Phule Pune University, Approved by AICTE, New Delhi, DTE Maharashtra, Accredited by NAAC)

Department of Computer Engineering

Organizing

Three days Online
Faculty Development Program
On

System Programming and Operating System (Theory and Lab)
TE Computer Engineering Course 2019
(w.e.f. A.Y.2021-22)

in association with
Board of Studies (Computer Engineering), Savitribai Phule Pune University (SPPU), Pune

Dates - 5/8/2021 to 7/8/2021

Three Days
Faculty Development Program
On
DEEP LEARNING FOR COMPUTER VISION
(12th to 14th August 2021)

Organized by
Center for Innovative Learning (CIL)
&
PICT Alumni Association (PAA)

Society for Computer Technology and Research's
Pune Institute of Computer Technology
Sr. No. 27, Pune-Satara Road, Dhankawadi,
Pune, Maharashtra 411043. (www.pict.edu)

CHIEF PATRON
Shri. R. S. Kothavale
Managing Trustee, SCTR, Pune

Shri. S. M. Sirsikar
Secretary, SCTR, Pune

PATRON
Dr. P. T. Kulkarni
Director, PICT, Pune

Dr. R. Sreemathy
Principal, PICT, Pune

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Prof. M. R. Khodaskar   [+91 9822074520]
Dr. S. S. Sonawane   [+91 9890146320]

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Prof. A. V. Yenkikar [+91 9028071300]
avyenkikar@pict.edu

PICT OVERVIEW

Pune Institute of Computer Technology (PICT) an elite academic Institute located in Pune (India), which is rightly known as "The Oxford of the East", playing an inspiring role in the education sector since its establishment in 1983.

PICT believes in value-based quality education in the field of Information and Communication Technology (ICT) and we are constantly endeavouring to achieve higher levels of technical excellence by offering under-graduate (UG) programmes in Computer Engineering (CE), Electronics & Telecommunication Engineering (E&TC), and Information Technology (IT); and post-graduate (PG) programmes in Computer Engineering, Data Science, Electronics & Communication (Wireless Communication Technology), and Information Technology. It is also Savitribai Phule Pune University (SPPU) recognized Research Center in Computer Engineering and Electronics & Telecommunication Engineering.

Institute is UGC Approved, ISO 9001:2015 Certified, and is NAAC Accredited. All UG programmes of PICT are NBA Accredited. PICT is Ranked 8th among private Engineering Institutions in India, 1st among all private Engineering Institutions in Maharashtra, and 4th among all Engineering Institutions including IITs, NITs, and Govt. Colleges in Maharashtra (as per the EDU-RAND ranking- 2015). As per the NIRF 2020 Ranking, PICT is in rank band of 201 to 250.

ABOUT FDP

The recent advancements of deep learning methods has revolutionized the field of computer vision which greatly achieved state-of-the-art results on challenging computer vision problems such as image classification, object detection, face recognition , medical imaging etc. The goal of this FDP is to introduce faculties to modern deep learning models for computer vision applications starting from basic and up skill them for applying Deep Learning in Computer Vision and relevant applications.

Contents of FDP

1. Overview of Computer Vision and its techniques, applications
2. Basics of Machine Learning and Deep Learning
3. Introduction to Artificial Neural Network (ANN)
4. Convolutional Neural Network (CNN) and image classification
5. Implementation of CNN in Pytorch and Model Life Cycle Management
6. Object detection, localization, and segmentation with deep learning
7. Deep learning for Medical Imaging

Resource Persons

- Mr. Shabbir Bhusari, Apexon, Bangalore
- Dr. Sheetal Sonawane, PICT, Pune
- Prof. Radhika Kulkarni, PICT, Pune
- Dr. Bhakti Baheti, University of Pennsylvania (USA)
- Mr. Vipul Vaibhaw, Senior Data Scientist/ Engineer, Pune
- Mr. Aditya Mitkari, Machine Learning Engineer, Pune
- Dr. Bhushan Garware, Persistent Systems, Pune

Registration Details

No Registration fees will be charged.

Registration Starts: 09th August 2021
Registration Ends: 11th August 2021, 4PM
Mode of conduction: Online (MS Teams)
Registration Link:
https://forms.gle/rLuX8PX9KZVXRkmM7
After registration kindly join following Whatsapp group:
https://chat.whatsapp.com/CPJg5iMuySi9md5VflPMsW

Bansilal Ramnath Agarwal Charitable Trust's
Vishwakarma Institute of Technology,Pune
(An Autonomous Institute
affiliated to Savitribai Phule Pune University)

Department

of

Computer Engineering

One week
Faculty Development Program

On

Recent Trends in Computation

18th - 23rd July 2022

Chief Patrons

Shri Rajkumarji Agarwal
Chairman, BRACT, Pune

Shri Bajrangdas Lohiya
Vice Chairman, VI, Pune

Shri Bharat Agarwal
Managing Trustee, BRACT, Pune

Prof. (Dr.) Rajesh Jalnekar
Director , VIT, Pune

Chief guest
Mr. Mahesh Paradkar

Program Director,

IBM Security,Pune,India

Convener
Prof. (Dr.) Sandip R. Shinde

Professor and Head ,
Department of Computer Engineering

Coordinator

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Bansilal Ramnath Agarwal Charitable Trust's
Vishwakarma Institute of Technology, Pune

(An Autonomous Institute affiliated to Savitribai Phule Pune University)

One week
Faculty Development Program

On

Recent Trends in Computation

18th - 23rd July 2022
Organized by

Department

of

Computer Engineering

666, Upper Indira Nagar, Bibwewadi,
Pune, Maharashtra,
India-411037
Website: - www.vit.edu
Phone : 020 – 24202180/190

About the Institute and the Department

Vishwakarma Institute of Technology, Pune, a highly commendable private institute, occupies a place of pride amongst the premier technical institutes of the western region of India. Established in 1983, financed and run by Bansilal Ramnath Agrawal Charitable Trust, it is an autonomous institute affiliated to Savitribai Phule Pune University. The institute runs 9 Under Graduate, 8 Post Graduate & 6 Ph.D. programs which are affiliated to the university. The institution has been awarded A++ grade by NAAC in 2019 which is the highest in the western region for private engineering institute. The institution has been awarded ISO 9001-2008 certification by BSI, India & university granted autonomous status since academic year 2008-2009.The institute is ranked 122 by NIRF ranking .The institute has marched towards the pinnacle of glory through its remarkable achievement & laurels in the field of engineering education.

The Computer Engineering Department is one of the leading departments established in 1991 and runs B.Tech, M.Tech and Doctoral programmes. We have experienced faculty with a strong background of academics, industry exposure, research and consultancy activities. The department is in active collaboration with many industries like Nvidia, IBM, GitHub etc. and foreign Universities like Binghamton in USA and Technical University of Sofia, Bulgaria, Europe. Department has well established laboratories with high end equipment and latest software. Our Google Developer Student Club and Trident Lab students club are giving practical exposure to the students through various technical activities. The NBA has accredited the department in a continuous cycle from 2003 to the present.

About the Program

Technology has been growing at a rapid pace, enabling faster change and progress. It is very important to stay current with the new technology trends and keep eyes on the latest developments, to make an informed choice about where to head next. FDP will guide you to learn, unlearn and relearn different areas ranging from mathematical modelling to cyber security through various computing and intelligence systems.. This program will help researchers and practitioners to discover the recent trends in computer science. It will open a new horizon for research discovery works locally and internationally.

Expert Speakers from VIT, Pune

Dr. S. R. Shinde, HOD Computer Engineering
Dr. M. L. Dhore, Professor
Dr. S. T. Patil, Professor
Dr. M. V. Kulkarni, Associate Professor
Dr. G. D. Bhutkar, Assistant Head Research
Dr . P. S. Joglekar, Assistant Head Academics
Dr. Mrs. S. M. Jaybhaye, Assistant Head Admin
Dr. Mrs. M. R. Dhage, Assistant Professor
Dr. Mrs. J. P. Kanjalkar Assistant Professor
Mrs. S. G. Lade, Assistant Professor
Mrs. S. V. Jadhav Assistant Professor
Mrs. R. J. Bharadwaj, Assistant Professor

Course Content

- Mathematical Modeling for Computations
- Quantum Computing
- AI & Parallel Algorithms
- GPU Architectures and CUDA programming
- Modern Usability Evaluation Techniques
- Cloud Data Management
- Randomness in Computation
- Cyber Security a Deepdive,
- Blockchain
- Recent Trends in IoT
- IoT: Edge Computing ,
- Augmented reality. Virtual Reality

Target Audience

- Faculties
- Research Scholar
- PG Students
- Educators

Registration Details

- Do online registration on following link :

  https://forms.gle/yNi8a217xHQ49pB28

- Admission will be on First Come First Serve basis.

- No Registration Fees

- Conduction online mode.

- Attendance is mandatory.

- E-certificate will be provided to participants after attending all sessions

Modern Education Society's
College of Engineering-Pune 01

Department of Computer Engineering
ONE DAY ONLINE SYLLABUS IMPLEMENTATION

FACULTY ORIENTATION PROGRAM

ON

DESIGN & ANALYSIS OF ALGORITHMS

(BE COMP, 2019 Course)

Date – 29th July 2022

SCHEDULE

Time	Activities
10.00 – 10.10 AM	**Welcome / Inaugural speech**
10.10 – 10.15 AM	**Address by HoD, Dr .(Mrs) N.F. Shaikh** Head, Department of Computer Engineering
10.15 – 10.20 AM	**Address by Dr. M. P. Dale** Vice-Principal, MES College of Engineering
10.20 – 10.25 AM	**Address by Dr. S.S. Sarawade** Principal, MES College of Engineering
10.25 – 10.30 AM	**Introduction of Chief Guest and Speakers**
10.30 – 10.45 AM	**Address by Chief Guest,** Dr.P.D Patil Principal D.Y.Patil Institute of Technology, Pimpri Associate Dean Faculty of Science and Technology, SPPU, Pune
10.45 – 11:00 AM	**Short Break**
11.00 - 11.30 AM	**Session 1- Unit 1** (Algorithms and Problem Solving) Prof. S.P.Pingat
11.30 –12.00 PM	**Session 2- Unit 2** (Analysis of Algorithms and Complexity Theory) Dr.(Mrs.)Rachna Somkunwar
12.00 –12.30 PM	**Session 3- Unit 3** (Greedy And Dynamic Programming algorithmic Strategies) Dr.(Mrs.)Vaishali Tidake
12.30 – 1.00 PM	**Lunch Break**
1.00 – 01.30 PM	**Session 4- Unit 4** (Backtracking and Branch-n-Bound) Mrs.Pragati Chaudhari
1.30 to 2.00 PM	**Session 5- Unit 5** (Amortized Analysis) Dr.(Mrs.) S.P.Khedkar
2.00 to 2.30 PM	**Session 6- Unit 6** (Multithreaded And Distributed Algorithms) Dr.S.V.Chobe
2.30 – 02.40 PM	**Conclusion and vote of thanks by** Dr.(Mrs.) S. P. Khedkar, FOP Coordinator

ABOUT PICT & COMPUTER ENGINEERING DEPARTMENT

Pune Institute of Computer Technology (PICT), an Engineering college established in 1983 has been one of the leading institutes in higher technical education and research. The college is well known as a reputed institute for UG programs in Computer Engineering, Electronics & Telecommunication Engineering, and Information Technology; and PG program in Computer Engineering, Data Science, Electronics & Telecommunication (Wireless Communication Technology) and Information Technology. PICT is Savitribai Phule Pune University recognized research center in Computer Engineering, and Electronics & Telecommunication Engineering. PICT has been awarded "A" grade by the DTE Maharashtra & accredited by NAAC. PICT has excelled in academics, co–curricular & extra–curricular activities.

The Computer Engineering department is NBA accredited and has pioneered the first post graduate programs in Computer Engineering in the unaided engineering colleges in Savitribai Phule Pune University.

ABOUT FOP

This FOP is organized to orient faculty members towards "Distributed System(310245C)" theory and related assignments in LP-I in view of the revised syllabus of TE CE 2019 course for the uniform and effective conduction of this course across all colleges under SPPU Pune.

TOPICS TO BE COVERED

- Unit wise discussion on contents of syllabus
- Guidelines for conduction of online theory lecture
- Practical assignments coverage during theory

RESOURCE PERSONS

Dr. R. B. Ingle	Professor, PICT, Pune
Dr. A. R. Buchade	Asst. Prof., PICT, Pune
Prof. R. Bharti	Asst. Prof., DIT, Pimpri, Pune
Prof. M. Jagtap	Asst. Prof., PVG, Nashik
Prof. M. S. Wakode	Asst. Prof., PICT, Pune
Dr. S. Limkar	Asst. Prof., AISSMS-IoIT, Pune

CHIEF PATRONS

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Managing Trustee, PICT, Pune
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Secretary, SCTR, Pune

PATRONS

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Director, PICT, Pune
Dr. R. Sreemathy
Principal, PICT, Pune

CONVENER

Prof. M. S. Takalikar
Head, Department of CE, PICT, Pune

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Dr. M. G. Chaskar	Dean, Faculty of Science, SPPU
Dr. Varsha Patil	Chairman BOS-COMP, SPPU
Dr. S. S. Sane	Member BOS-COMP, SPPU
Dr. M. L. Dhore	Member BOS-COMP, SPPU
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Dr. Suhasini A. Itkar	Member BOS-COMP, SPPU
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Mr. Girish Khilari	Member BOS-COMP, SPPU
Dr. Sachin Lodha	Member BOS-COMP, SPPU
Dr. Swati Bhavsar	Member BOS-COMP, SPPU

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Prof. U. S. Pawar	Prof. A. A. Chadwale
Mr. D. D. Thikekar	Mr. S. M. Pawal

One Day (Online) FACULTY ORIENTATION PROGRAM on

"DISTRIBUTED SYSTEMS"

In Association with BOS (Computer Engineering)
Savitribai Phule Pune University
(21st August 2021)

AND

Society for Computer Technology & Research's
Pune Institute of Computer Technology, Pune
Sr. No. 27, Pune-Satara Road, Dhankawadi, Pune
Phone No.:- 020- 24371101, 24372041, 24378063
Fax: (020)24372106 Web site:-www.pict.edu

REGISTRATION

Online registration is mandatory to participate in FOP

Link for online registration till 20th August 2021

https://forms.gle/UPAgu42XzNEbAT889

For queries contact:
Prof. M. S. Wakode (9730576927)
Prof. A. A. Chadwale (7887870024)

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Mr. Girish Khilari	Member BOS-COMP, SPPU
Dr. Sachin Lodha	Member BOS-COMP, SPPU
Dr. Swati Bhavsar	Member BOS-COMP, SPPU

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Prof. M. S. Wakode	mswakode@pict.edu (9730576927)

ORGANIZING COMMITTEE

Prof. U. S. Pawar	**Prof. A. A. Chandavale**
Mr. D. D. Thikekar	**Mr. S. M. Pawal**

One Day (Online) FACULTY ORIENTATION PROGRAM on

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AND

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Fax: (020)24372106 Web site:-www.pict.edu

REGISTRATION

Online registration is mandatory to participate in FOP

Link for online registration till 20th August 2021

https://forms.gle/UPAgu42XzNEbAT889

For queries contact:
Prof. M. S. Wakode (9730576927)
Prof. A. A. Chandavale (7887870024)

Amrutvahini Sheti & Shikshan Vikas Sanstha's

Amrutvahini College of Engineering,
Sangamner

Department of Computer Engineering

Schedule for One Day Online Faculty Orientation Program
on
Elective – VI (Soft Computing)
(B.E. Computer, 2019 Course)

Platform: Google Meet   **Date:** 18th January, 2023

Time	Session	Activity
10:00 AM To 10:30 AM	Inauguration	Joining of all invitees, speakers, and attendees
		Welcome Speech by Dr. M.R.Sangvi, HoD -CE, SNJB
		Address by Dr. M.D. Kokate, Principal, SNJB
		Welcome Speech by Prof. Rahul Paikrao, HoD – CE, AVCOE
		Address by Dr. M.A.Venkatesh, Principal, AVCOE
		Address by Dr. Amol Potgantawar – BoS Member CE, SPPU
		Vote of Thanks - Prof. Rahul Paikrao, HoD – CE, AVCOE
10:30 AM To 11:45 AM	Session I	Introduction to Soft Computing - Prof. Archana Kollu, PCCOER,Pune
11:45 AM To 12:30 PM	Session II	Artificial Neural Network- Dr. Sandip Patil, I2IT,Pune
12:30 PM To 1:15 PM	Session III	Evolutionary Computing – Dr. P.S.Game, PCCOE, Pune
1.15 PM To 2.00 PM		LUNCH BREAK
2:00 PM To 2:45 PM	Session IV	Fuzzy Logic – Dr. Madhuri Pote, DYP, COE, Akurdi
2:45 PM To 3:30 PM	Session V	Genetic Algorithm – Dr. D.V.Patil, GES, COE, Pune
3:30 PM To 4:15 PM	Session VI	Hybrid System and Application Areas of Soft Computing- Dr. Darshan Medhane, KBT COE, Nashik
4:15 PM To 4:30 PM	Valedictory	Question Answer Session
		Vote of Thanks and Feedback Submission

Faculty Orientation Program Meeting Link: https://meet.google.com/zyt-vkzf-yxt

6 Days Faculty Development Programme on
"Research at a Glance: Current Protocols"
For the Period of 18th to 23rd January, 2021

Organized by

Department of Mechanical Engineering, SIT, Lonavala

About the Institute:

Sinhgad Institute of Technology (SIT) was established in 2004 under the umbrella of Sinhgad Technical Education Society. It is a premium self-financed institute, under the strong Sinhgad Institutes brand and is one of the reputed technical institutes of Maharashtra.SIT is approved by All India Council for Technical Education (AICTE), New Delhi, Directorate of Technical Education (DTE), Mumbai, NAAC Accredited Institute and is affiliated to Savitribai Phule Pune University (SPPU), Pune.

It is well known for academic excellence and is committed to provide quality education as per the standards set by NBA. The teaching and learning processes are streamlined to achieve top ranking result in the Savitribai Phule Pune University examinations. Professors are experienced having sound technical know-how and expertise in their subjects. Innovative learning process and flexibility in the approach are integral part of the programs. It has necessary academic infrastructure including State-of-the art Laboratories with Computer Center Well-stocked Digital Library with National and International Books & Journals.

About the Faculty Development Program:
This Program mainly focuses on following topics,
1. NEP 2020 and Introduction to Research.
2. How to Fetch Funds from Various Government and Private Institutions?
3. How to Fetch Consultancy?
4. Intellectual Property Rights and Patent Facilitation.
5. How to Write Research Paper?
6. Tools used in Research.

Program Coordinator
Prof. S. M. Gaikwad
Mr. Dattatraya S. Ghodake
Mr. S. G. Dabade
Mr. A. P. Ogale

How to Apply:
The online registrations are open. The last date for registration is 17th January, 2021.
Click Here to Reserve Your Free Spot:
https://forms.gle/qwDkakPv7qj1D82i8

Course Fees: The Course is **FREE OF COST!!!**

For any query please feel free to contact us.
Contact Details:
Email ID: hodmech.sit@sinhgad.edu
TeamLLAGT@gmail.com

Mobile No.: +919881776196

Principal
Prof. Dr. M. S. Gaikwad,
Vice-Principal
Prof. Dr. D. D. Chaudhary,
HOD, Mechanical
Prof. S. M. Gaikwad

CHANDIGARH UNIVERSITY
Discover. Learn. Empower.

NAAC GRADE A+
ACCREDITED UNIVERSITY

QS UNIVERSITY RANKINGS
ASIA
OVERALL RANK 271-280

ONE WEEK
FACULTY DEVELOPMENT PROGRAMME
ON

RESEARCH ESSENTIALS

(31st Jan–5th Feb 2022)

ORGANIZED BY

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
CHANDIGARH UNIVERSITY, GHARUAN - 140413
MOHALI, PUNJAB, INDIA**

ABOUT CHANDIGARH UNIVERSITY

Chandigarh University is a leading Indian institution offering its students a unique amalgamation of professional and academic excellence. In the QS Asia Rankings 2022, CU made a remarkable debut and ranked among the top 1.7% universities of the continent. The university is among the top 5% institutes in India to be accredited with the prestigious A+ grade by the National Assessment and Accreditation Council (NAAC).

At Chandigarh University, a wide spectrum of programs paired with flexibility, experiential learning and interdisciplinary orientation emancipate our students to explore their interests and pursue their dream careers. Here, we are grooming students to be socially sensitive by intellectually challenging them and through our contemporary diverse culture.

The University provides a global perspective to facilitate our students with international learning opportunities through partnerships with more than 350+ top ranked universities worldwide. Chandigarh University has a cosmopolitan friendly and inclusive atmosphere. It provides optimal learning experiences and services that lead to student success. We empower our students to take responsibility for their academic work, social life and career development.

ABOUT C.S.E. DEPARTMENT

The Department of Computer Science & Engineering at Chandigarh University commenced with a mission to become a 'Center of Excellence' that facilitates high-end research at par with industry challenges and raise computer science engineers with high-technical competencies. Highest Number of Placements in Top MNCs (Microsoft, Amazon, HPE, IBM, etc.). Highest Number of In-house Industry-Sponsored Labs for Hands-on Exposure (Microsoft Innovation Centre, IBM Software Lab, Virtusa Robotics & Automation Center, HP Center of Excellence & many more). Guidance by Professionally Trained Faculty & Industry Experts via use of Latest Teaching Aids and Live Projects.

PROGRAM OBJECTIVE

- To support faculty, to enhance their knowledge in the domain of Research.
- To acquainting the faculty and research scholars to familiarize with the research essentials and recent trends in the domain of computer science.
- To understand research ethics to invent and promote research interests.
- To learn the tips and tools to dive in the depth of Research.

PROGRAM OUTCOMES

- To support faculty and researchers to expertise in research domain and qualitatively contribute for supporting research activities.
- To gain up to date knowledge of current research possibilities.
- To understand the ethics of research, patents, etc. and support researchers by making them aware of various tools and techniques used in research domain.

SPEAKERS FOR FDP

Speakers from eminent Government organization, National and International Academic Institutions, And Industries will be delivering talk on the thrust area.

DATE, TIME & PLATFORM OF FDP

One week FDP starts on 31st January 2022, and ends on 5th February 2022. The programme will be conducted on MS-Teams. The detailed schedule & the link to join the programme will be shared with participants post registration Via E-Mail.

PROGRAM SCHEDULE

S. no	Day & Date	Timeings	Topic	Resource Person	Designation and Organisation
1	Monday, 31st January 2022	9:30 AM to 10:00 AM		Inaugural Session	
2	Monday, 31st January 2022	10:00 AM to 12:00 PM	Research Publication Ethics	R. Maheswari	Assistant Professor in CS-Bbcit, Hyderabad
3	Monday, 31st January 2022	2:00 PM to 4:00 PM	Process and Impact- Modern Day Patents	Prof. Christo Ananth	Professor, Samarkand State University, Samarkand, Uzbekistan
4	Tuesday, 1st Feb. 2022	10:00 AM to 12:00 PM	Research Profiling- Google Scholar, Scopus, Orchid Account, Publon, etc.	Dr. Abhishek Dasore	Assistant Professor, RGM College of Engineering and Technology, Nandyal Andhra Pradesh
5	Tuesday, 1st Feb. 2022	2:00 PM to 4:00 PM	Managing Literature and Bibliographic Metadata	Dr. Neha Gulati	Assistant Professor, Panjab University, Chandigarh
6	Wednesday, 2ndFeb. 2022	10:00 AM to 12:00 PM	Dimensions of Research Ethics in Higher Education Scenario	Dr. Reshmi S	Assistant Professor, MES Asmabi College, Thrissur, Kerala (Affiliated to Calicut University)
7	Wednesday, 2ndFeb. 2022	2:00 PM to 4:00 PM	High quality typesetting Using Latex	R. Maheswari	Assistant Professor-Bbcit, Hyderabad
8	Thursday, 3rd Feb. 2022	10:00 AM to 12 PM	Systematic Review and Meta-Analysis	Dr. Paresh Shah	Professor, Accredited Management Teacher and Research Alumni of IIM, Ahmdabad; University of London; Illinios, Virginia
9	Thursday, 3rd Feb. 2022	2:00 PM to 4:00 PM	Reference Management and Citation : Hands on using Mendeley	Dr. Neha Gulati	Assistant Professor, Panjab University Chandigarh
10	Friday - 4th Feb. 2022	10:00 AM to 12:00 PM	Research Support and career opportunities in research	Dr. A. Santham Bharathy	Associate Professor, Dilkap Research Institute of Engineering and Management Studies, Mumbai
11	Friday - 4th Feb. 2022	2:00 PM to 4:00 PM	Writing an impactful research paper	Dr. V. Shanmugasundaram	Assistant Professor, Department of Electrical and Electronics Engineering, Sona College of Technology, Salem- 636005, Tamilnadu
12	Friday - 5th Feb 2022	10:00 AM Onwards		Quiz and Valedictory	

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S. Satnam Singh Sandhu
Chancellor, Chandigarh University

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Pro- Chancellor,
Chandigarh University

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Chandigarh University

Prof. (Dr). S. S. Sehgal
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Chandigarh University

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Dean Research,
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Chandigarh University

Prof. (Dr.) Sandeep Singh Kang
Prof. & Head 3rd year CSE,
Chandigarh University

COORDINATOR

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Associate Professor, CSE,
Chandigarh University

Er. Jasneet Kaur
Assistant Professor, CSE,
Chandigarh University

Er. Lisha Yugal
Assistant Professor, CSE,
Chandigarh University

Dr. Raman Chadha
Professor, CSE,
Chandigarh University

ELIGIBILITY

Any Faculty, Research Scholar or PG Student from any Technical institutes can apply.

Registration Link:

https://forms.gle/dFBkwfkc6e39WNQM7

IMPORTANT DATES

Last Date of Registration: 29th January, 2022

KEY INFORMATION

· NO registration fees
· 80% Attendance is mandatory for Certificate
· E-Certificate will be provided to the Participants

Address For Communication

shruti.e10901@cumail.in
9803698036

jasneete7747@cumail.in
9988822424

CHIEF PATRONS

Hon'ble Shri. Balasaheb Thorat
Revenue Minister, Government of Maharashtra
President, Amrutvahini S. & S.V.S., Sangamner

Hon'ble Dr. Shri. Sudhirji Tambe
Member - MLC, Nashik Graduate Constituency,
Trustee, Amrutvahini S. & S.V.S., Sangamner

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CEO, Amrutvahini Sheti &
Shikshan Vikas Sanstha,
Sangamner

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Manager, Amrutvahini
Sheti & Shikshan Vikas
Sanstha, Sangamner

Dr. M. A. Venkatesh
Principal, Amrutvahini College
of Engineering, Sangamner

CONVENER

Prof. R.L. Paikrao
HOD, Department of Computer
Engineering, AVCOE

CO-ORDINATOR

Dr. S. K. Sonkar, Asst. Professor,
Department of Computer Engineering, AVCOE

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Dr. Geethanjali Kale
Member, BOS

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Member, BOS

Dr. Pramod D. Patil
Member, BOS

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Member, BOS

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Dr. S. P. Lodha
Member, BOS

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Prof. P.N. Shingote
Prof. R. S. Gaikwad
Prof. M.B. Gunjal

RESOURCE PERSONS

Dr. Pankaj Agarkar,
D.Y. Patil School of Engg. Lohgaon

Dr. Aniruddha Rumale,
G.H. Raisoni COE, Wagholi

Dr. S. K. Sonkar,
AVCOE, Sangamner

Prof. Abhijit Jadhav,
D.Y.Patil Institute of Tech. Pimpri

Prof. Sita Yadav,
Army Institute of Tech., Pune

Mr. Santosh Ugale,
ESDS Nashik

VENUE & TIME

ONLINE MODE

Microsoft Teams

TIME: 9:30 AM TO 4:30 PM

**ONE DAY
FACULTY DEVELOPEMENT PROGRAM
on
"CLOUD COMPUTING"
(11th FEBRUARY, 2022)
in
Association with
Board of Studies, Computer Engineering,
SPPU, Pune**

Organized By

**Department of Computer Engineering,
Amrutvahini College of Engineering,
Sangamner-422608**

Amrutvahini's Sheti Shikshan and Vikas Sanstha's
**Amrutvahini College of Engineering,
Sangamener 422608**

ABOUT INSTITUTE

Amrutvahini College of Engineering (AVCOE), Sangamner is established in 1983 under the leadership of Hon. Late. Bhausaheb Thorat and progressing under the guidance of Hon. Shri. Balasaheb Thorat, Revenue Minister, Government of Maharashtra and Hon.Dr.Sudhir Tambe Member-MLC. Institute offers 8 UG courses, 5 PG courses and 2 PhD centres.

The institute has following major credentials at its credit.

√ Two times best college award by SPPU Pune in 2021 and 2010
√ Accredited 3 Times by NBA
√ Accredited with A+ Grade by NAAC
√ Permanently affiliated to SPPU Pune
√ ISO 9001-2015 TUV-SVD Accreditation
√ A Grade by state government
√ ISRO IIRS Dehradoon Nodal Centre
√ Awarded by Meda and QCFI
√ Empanelled with UBA/UMA
√ Awarded as Energy Efficient Campus
√ Green and Clean Campus award by AICTE
√ Outstanding IEEE Chapter Award

ABOUT DEPARTMENT

Department of Computer Engineering was started in **1986** with the intake of 60 and intake is increased to **120** in the academic year 2012-2013. The department is accredited **3 times by National Board of Accreditation, New Delhi.** The department has introduced with **ME (Computer Engineering)** in the year 2010 with the intake of 18. Department has excellent infrastructure and human resources to cater both these courses.

The department has well qualified and experienced staff. We have excellent record of results and placements. Department is enriched with the laboratories are well equipped with latest software and hardware with de-facto standard. Students are trained in Computer Programming for engineering applications to meet the IT Industry challenges.

DEPARTMENT VISION

To serve the needs of society through competent technical education, promoting Industry-Institute Interaction and develop competent and cultured Computer Engineers.

DEPARTMENT MISSION

M1: The Mission of computer Engineering Department is to effectively develop and channelize creative talents of students to face challenges posed by ever- changing computing industry with enhancement in Industry-Institute interaction.

M2: We, the faculty & the staff of Computer Engineering department commit ourselves to inculcate good moral values and shape a strong academic background of the pupil so important to work towards the betterment of the society as able technocrats & responsible citizens.

ABOUT FDP

The aim of the FDP is to offer guidline sesions for all six units theory content and practicals (LP2) of Cloud Computing as per T.E. Computer Engineering 2019 revised course. All the faculties those who are going to take this course are encouraged to participate in this FDP. The FDP will be helpful to get acquainted with theory and practical contents and their scope and technicality as per the revised TE-2019 syllabus.

FDP OBJECTIVES

⌑ To study fundamental concepts of cloud computing
⌑ To learn various data storage methods on cloud
⌑ To understand the implementation of Virtualization in cloud Computing
⌑ To learn the application and security on cloud computing
⌑ To study risk management in cloud computing
⌑ To understand the advanced technologies in cloud computing

COURSE CONTENTS

1. Introduction to Cloud Computing
2. Data Storage and Cloud Computing
3. Virtualization in Cloud Computing
4. Cloud Platforms and Cloud Applications
5. Security in Cloud Computing
6. Advanced Techniques in Cloud Computing

IMPORTANT DATES

Last Date of Registration: 10th February, 2022

FDP Date: 11th February, 2022

REGISTRATION LINK

https://forms.gle/H4maHJMB89Wv9tqTA

WHATSAPP LINK

https://chat.whatsapp.com/EEi1JIPSi9m2zFVliWjEK9

K.K.Wagh Institute of Engineering Education and Research,Nashik
Department of Computer Engineering

Organizes One Day Online Faculty Development Program in Association with
Board of Studies (Computer Engineering), Savitribai Phule Pune University (SPPU), Pune

on

Elective-I(310245A):IoT and Embedded Systems
TE(Computer Engg.) 2019 Course SEM-I
Resource Persons

Date:21st Aug 2021
Day: Saturday

Time: 10:00 a.m - 4:30 p.m

Dr. A.B. Pawar
Professor,
Sanjivani College of
Engineering, Kopargaon

Prof. M.P. Wankhade
Associate Professor,
Sinhgad College of
Engineering,
Pune

Dr. M.S. Chaudhari
Associate Professor, Sinhgad
Institute of Technology,
Lonavala.

Dr. R.S Tiwari
Cognifront Software
pvt Ltd,   Nashik.

I.Priyadarshini
Assistant Professor,
K.K.Wagh Institute of
Engineering Education
and Research, Nashik

Registration Link: https://forms.gle/6R5pqF1x949AUpQN9

E-Certificates will be provided to participants   For any queries contact: 9405209881/8237622821

I.Priyadarshini   Prof. Dr. S.M. Kamlapur   Prof. Dr. S.S. Sane   Prof. Dr. K.N. Nandurkar
A.V. Tavare   **Head,**   **Principal**
FDP Coordinators   **Convener**   **Department of Computer Engg.**   **KKWIEER**

ORGANIZING COMMITTEE

Dr. M. A. Wackhaure
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5. Security in Cloud Computing
6. Advanced Techniques in Cloud Computing

IMPORTANT DATES

Last Date of Registration: 10th February, 2022

FDP Date: 11th February, 2022

REGISTRATION LINK

https://forms.gle/H4maHJMB89Wv9tqTA

WHATSAPP LINK

https://chat.whatsapp.com/EEi1JIPSi9m2zFVliWjEK9

ORGANIZING COMMITTEE

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Prof. P.G. Patil
Prof. N.D. Ghuse
Prof. M.Sharique
Prof. R.D.More

Prof. S. M. Kale
Prof. B. V. Panzade
Prof. J. D.Bhoj
Prof. B. P. Ahuja

RESOURCE PERSONS

Prof. Jameer G. Kotwal,
Asst. Professor, Computer Dept.,
Pimpri Chinchwad College Of Engg,
Pune.

Prof. Sita M. Yadav,
Assistant Professor, Computer Dept.
Army Institute of Technology, Pune.

VENUE & TIME

ONLINE MODE

TIME: 10:30 AM TO 5:00 PM

ONE DAY
FACULTY ORIENTATION PROGRAM
on
"Laboratory Practice V(PR):410254"

(23rd JANUARY, 2023)
in
Association with
Board of Studies, Computer Engineering, SPPU, Pune.

Organized by

Department of Computer Engineering, Sandip Institute of Technology and Research Center, Nashik- 422213.

ABOUT INSTITUTE

Sandip Institute of Technology and Research Center (SITRC), the top Engineering colleges in Nasik, Maharashtra is established in 2008 and is approved by AICTE, New Delhi and affiliated to Savitribai Phule Pune University, Pune. SITRC's Computer Engineering & Mechanical Engineering (UG) programs accredited by NBA, in February 2020. The Institute is accredited by NAAC with A Grade (CGPA 3.11 Score).

SITRC have an ambiance that stimulates intellectual thinking and academic proceedings.

The institute has following major credentials at its credit.
- √ Accredited by NBA Computer & Mechanical Engineering
- √ Accredited with A Grade by NAAC
- √ Affiliated to SPPU Pune
- √ Green and Clean Campus

ABOUT DEPARTMENT

The Department **Computer Engineering** started in the Academic Year **2008 – 09**, at the **Sandip Institute of Technology and Research Centre** affiliated to **Savatribai Phule Pune University, Pune** offers at **Engineering Undergraduate Program (UG)** leading to the degree of **Bachelor of Engineering (B.E)**, with an intake of **120** and **Post Graduate (PG) in the Academic Year 2012-13 with an intake of 18.**
The department has state-of-the-art laboratories, computing facilities and qualified faculty members.

DEPARTMENT VISION

To evolve as center of excellence in Computer Engineering for rendering services to the industry and socio economic fabric of nation.

DEPARTMENT MISSION

∗ To produce globally competent professionals by providing research opportunities and inculcate leadership qualities.

∗ To establish industry institute interaction activities to enhance the entrepreneurship skills with effective teaching-learning practices.

∗ To educate the students with strong fundamentals of Computer Engineering to expose them in the field of design and development of software that helps them to become a successful entrepreneur.

To facilitate the students and faculty to work with FOSS tools and ICT based technologies for solving real world problems by effective teaching-learning practices.

ABOUT FOP

This FOP is intended to provide the foundations of the practical implementation of High Performance Computing Programs and Deep Learning concepts to ensure that the learner evolves into a competent programmer capable of designing and analyzing implementation of High Performance Computing and Deep Learning that contain different kinds of problems.

FOP OBJECTIVES

- To understand and implement searching and sorting algorithms.
- To learn the fundamentals of GPU Computing in the CUDA environment.
- To illustrate the concepts of Artificial Intelligence/Machine Learning(AI/ML).
- To understand Hardware acceleration.
- To implement different deep learning models.

COURSE CONTENTS

- Design and implement Parallel Breadth First Search and Depth First Search based on existing algorithms using OpenMP.
- program to implement Parallel Bubble Sort and Merge sort using OpenMP.
- Implement Min, Max, Sum and Average operations using Parallel Reduction.File concepts and primitive operations,sequential and linked organization.
- Write a CUDA Program for :Addition of two large vectors and Matrix Multiplication using CUDA C.
- Implement HPC application for AI/ML domain.
- Linear regression by using Deep Neural network.
- Classification using Deep neural network.
- Convolutional neural network (CNN).
- Recurrent neural network (RNN).
- Miniprojects.

IMPORTANT DATES

Last Date of Registration: 22nd Jan, 2023.

FDP Date: 23rd Jan, 2023.

REGISTRATION LINK
https://forms.gle/Wrgj79YRv6Tw7eYE8

WHATSAPP LINK

https://chat.whatsapp.com/I3g2ec4gljkDdAhHX0QWaV

CHIEF PATRONS:
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Hon. Dr. (Mrs.) Sunanda M. Navale
Founder Secretary, STES, Pune
Hon. Ms. Rachana Navale- Ashtekar
Vice-President (Admin), STES, Pune
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Vice President (HR), STES, Pune

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Dr. S. D. Nawale, Principal, NBNSTIC, Solapur

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Dr. S. M. Patil, HOD Computer Engineering
Mr. G.V. Khandekar, HOD Engineering Sciences

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Data Scientist Manager, Accenture
Dr. Shweta Gupta
Associate Prof., Jain University, Bengaluru
Dr. Vaishali A. K.
Founder & CEO, Vasv Research & Consultancy Service
Prof. P. D. Halle
HOD IT, SKNSITS
Dr. Sangeeta S. Tripathi
SKNSITS

ORGANIZING CHAIRMAN
Dr. M. S. Rohokale
Principal, SKNSITS

CONVENER
Prof. P. D. Halle, HOD, IT

COORDINATOR
Dr. Sangeeta S. Tripathi
sttpsknsits@gmail.com
sshekawat.sknsits@sinhgad.edu
Mob: +91-9828695294

FOR REGISTRATION
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pspatil.sknsits@sinhgad.edu

Mrs. K.G. Walke
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ORGANIZING COMMITTEE

Dr. R.S. Apare
Mrs. R.M. Thadi
Mrs.K.G Walke
Mr. A. T. Sonawane
Mrs P. S. Patil
Mr. S. P. Gunjal
Mr. S. S. Chavan
Mr.B. C. Tandale
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Mr.R. R. Chaudhari
Ms.H. Agrawal
Mrs.A. A. Patil
Mr. R. C. Bhaganagare
Mr.U. Dhatrak
Ms. C. P. Lachake

*No Registration Fees
*E-Certificate will be provided to participants after submitting feedback
* Registration Link
https://forms.gle/wUe2H2WCk2vKwex78

*Join Whatsapp Group
https://chat.whatsapp.com/JAYZEHFRron2CFpyyO3N9x

REGISTRATION FORM
You can register by sending mail to
 sttpsknsits@gmail.com

Virtual
"Short Term Training Program (STTP)"
On
"Emerging Technological Advancements and Practical Applications of Data Science"
[16th-20th Jan, 2023]

Name:………………………………………………..

Designation:……………………………………….

Department:…………………………………………

Institute/ organization:………………………………..

………………………………………………………

Correspondence Address:……………………………

………………………………………………………

Mobile No. :…………………………………………

Email ID

Signature of   Signature & seal
Participant   Head of the Institution

Address for Correspondence
SKN Sinhgad Institute of Technology & Science,
Kusgaon (Bk), Lonavala, Pune
410 401, MS, India.
(02114) 673225
Website: http://sknsits.sinhgad.edu/

ABOUT STES

Sinhgad Technical Education Society (STES) was set up in August 1993, under the able and dynamic leadership of Prof. M.N. Navale with an objective of providing quality education in the field of Engineering, Dentistry, Management, Computer, Pharmacy, Architecture, Hotel Management and the basic school education from kinder garden onwards. There are 100+ institutes under the aegis of STES offering full-fledged school education, diploma, Graduation, Post Graduation courses and Ph.D. programs in various branches of Engineering, Science and Management at various educational campuses ideally located in pollution free lush green and picturesque environment conducive for learning. This year STES is celebrating 29 years of its academic excellence.

ABOUT SKNSITS

STES's SKN Sinhgad Institute of Technology & Science (SKNSITS) was established in year 2011. SKNSITS is approved by All India Council for Technical Education (AICTE), New Delhi, Directorate of Technical Education (DTE), Mumbai, and is affiliated to Savitribai Phule Pune University, Pune. NAAC Accredited with ' A ' grade .
SKNSITS has the environment to cultivate the students such that students can show case their talents and ideas in innovative way. A comprehensive syllabus, excellent infrastructure and extensive facilities ensure effective planning, implementation and delivery of quality education. The institute has excellent infrastructure to facilitate quality learning. Institute stresses on e-learning and project based learning to make the students globally competent. The institute has laboratories with modern and state of art equipment to meet the requirements of the curriculum.
 The institute consists of a library which has rich collection of reference books and technical magazines. The institute has subscribed to a good number of national and international print/online research journals to get the insight on recent research work.

STTP OBJECTIVES

The STTP's goal is to provide academicians, research scholars, industry professionals, and R&D organizations with the ability to understand the need for Data Science and its impact on our society. It would be useful for solving research problems with AI, machine learning, and the emerging field of data science.

- Seeking a data scientist profession with an outstanding career opportunity that will offer a rewarding work environment along with a winning team that will fully utilize management skills.

- To explore, sort and analyze metadata from various sources in order to take advantage of them and reach conclusions to optimize business processes.

- Develop in depth understanding of the key technologies in data science and business analytics: data mining, machine learning, visualization techniques, predictive modeling, and statistics.

- Practice problem analysis and decision-making.

SCOPE

Data Science   and its application are now becoming The most novel emerging research field. The application of Data Sciences is the time calls for intensifying research area spanning in the fields of Computer Science and Information Technology.

ELIGIBILITY

The programme is open to the faculty members, research Scholars, UG and PG Students from allied disciplines. Industry personal working in the same discipline can also attend the STTP.

ISTE & IIC Approved

Virtual
"Short Term Training Program (STTP)"

On

"Emerging Technological Advancements and Practical Applications of Data Science"

[16th-20th Jan, 2023]

Organized By
Department of Information Technology
Sinhgad Technical Education Society's
SKN Sinhgad Institute of Technology & Science
Kusgaon (Bk), Lonavala, Pune (MS) - 410 401

(NAAC Accredited with 'A' Grade)

ABOUT INSTITUTE:

Prof. M. N. Navale embarked on his journey on 12th August 1993 with his academic qualifications, professional expertise, his mother's blessings, and a thought, 'A burden of one's own choice is not felt.

It is because he made this choice 22 years ago that we stand proud today as a part of this esteemed establishment called 'Sinhgad Technical Education Society'.

STES is now spread into 13 campuses with 100+ institutes, more than 15 disciplines, around 5000+ academic staff, and 60,000+ students. RMD School of Engineering was established in 2011 and it became synonymous with quality engineering education.

The college is offering undergraduate and postgraduate degree courses in Computer, IT, E&TC, Civil and Mechanical. All above courses are approved by AICTE accredited by National Assessment and Accreditation Council Accredited) (NAAC) 'A' affiliated to New Delhi and Savitribai Phule Pune University.

OBJECTIVE OF THE FOP

• To orient faculty towards the BE Revised Syllabus for Software Testing and Quality Assurance
•To bring uniformity in teaching across all colleges under SPPU Pune.

REGISTRATION DETAILS

Link for Free Registration:
https://forms.gle/y1wsQQpyrU4Je2zZA

Note:
• Sessions will be conducted online through Microsoft Teams
•Online Registration is mandatory to participate in the session
•E-certificate will be provided to all participants on attendance and submission of feedback form.

CHIEF PATRONS
Prof. M. N. Navale
Founder President, STES, Pune
Dr. Mrs. Sunanda M. Navale
Founder Secretary, STES, Pune
Mr. Rohit M. Navale
Vice President (HR) STES, Pune
Mrs. Rachana Navale-Ashtekar
Vice President (Admin), STES, Pune.

ADVISORY COMMITTEE CONVENER

Dr. K. V. Kale	Vice Chancellor, SPPU
Dr. S.A. Sonawane	Pro- Vice Chancellor, SPPU
Dr. M.G. Chaskar	Dean, Faculty of Science, SPPU
Dr. Pramod Patil	Assoc. Dean, Faculty of Science & Tech., SPPU
Dr. Varsha Patil	Chairman, BOS COMP, SPPU
Dr. S.S. Sane	Member, BOS COMP, SPPU
Dr. M.L. Dhore	Member, BOS COMP, SPPU
Dr. R.V. Patil	Member, BOS COMP, SPPU
Dr. (Mrs)S.A. Itakar	Member, BOS COMP, SPPU
Dr. P.M. Yawalkar	Member, BOS COMP, SPPU
Dr. Geetanjali Kale	Member, BOS COMP, SPPU
Mr. R. Venkateswaran	Member, BOS COMP, SPPU
Mr. Girish Khilari	Member, BOS COMP, SPPU
Mr. Sachine Lodha	Member, BOS COMP, SPPU

SPEAKERS

Dr. Uday C. Patkar	HOD, Comp Engg, BVCOE, Lavale, Pune
Dr. Shrinivas k. Sonkar	Asst. Professor, ACOE, Sangamner
Dr. Sunil S. Khatal	HOD, Comp Engg, SPCOE, Otur
Prof. V. M. Lomte	HOD, Comp Engg, RMDSSOE, Pune
Mr. Jayesh Kamble	Senior Test Engineer, IBM-ISDL

PATRON

Dr. V. V. Dixit	Director/Principal, RMDSSOE, Pune
Dr. S. S. Mulik	Dean Academics, RMDSSOE, Pune

CONVENER

Prof. V. M. Lomte	HOD Computer Dept, RMDSSOE, Pune

FOP COORDINATORS

Mrs. Manisha Desai
Assistant Professor, RMDSSOE, Pune.
Ph no.:9561070286

Mrs. Poi Tamrakar
Assistant Professor, RMDSSOE,Pune.
Ph. no.: 8830112771

FOP ORGANIZING COMMITTEE

Mrs. Jyoti Raghatwan	Asst. Professor, RMDSSOE, Pune
Mrs. Vanita Babanne	Asst. Professor, RMDSSOE, Pune
Mrs. Kalpna Saharan	Asst. Professor, RMDSSOE, Pune
Mr. Amol Jadhav	Asst. Professor, RMDSSOE, Pune
Mrs. Madhuri Patil	Asst. Professor, RMDSSOE, Pune
Mrs. Hema Kumbhar	Asst. Professor, RMDSSOE, Pune
Mrs. Rohini Rankhamb	Asst. Professor, RMDSSOE, Pune

Sinhgad Institutes

**STE'S
RMD SINHGAD SCHOOL OF ENGINEERING,
WARJE, PUNE-411058**
Accredited "A" Grade by NAAC
(Affiliated to Savitribai Phule Pune University, Approved by AICTE, New Delhi, DTE Maharashtra)

DEPARTMENT OF COMPUTER ENGINEERING

Organizing

**Faculty Orientation Program
On
SOFTWARE TESTING AND QUALITY ASSURANCE
(410245(D))**
BE Computer Engineering Course 2019
(w.e.f. A.Y.2022-23)
**in association with
Board of Studies (Computer Engineering),
Savitribai Phule Pune University (SPPU),Pune**

**Date - 22/08/2022
Time: 10:00 AM - 3:00 PM**

OUR INSPIRATION

Late Hon. Shri. Balasaheb Wagh

CHIEF PATRON

Hon. Er. Sameer B. Wagh
Trustee, K K Wagh Education Society, Nashik

Hon. Shri. K. S. Bandi
Secretary, K. K. Wagh Education Society, Nashik

PATRON

Prof. Dr. K. N. Nandurkar
Principal, KKWIEER, Nashik

Prof. Dr. S. S. Sane
Vice Principal, Prof. & Head of Department of Computer and AI-DS Engg, KKWIEER

CONVENER

Prof. Dr. S. M. Kamalapur
Department of Computer Engg., KKWIEER

CO-ORDINATOR

Prof. M. J. Patil
Prof. P. D. Rakibe

ADVISORY COMMITTEE

Dr. N. R. Karmalkar, Vice Chancellor, SPPU
Dr. M. G. Chaskar, Dean, Faculty of Science, SPPU
Dr. (Mrs.) Varsha Patil, Chairman, BOS-COMP, SPPU.
Dr. S. S. Sane, Member, BOS-COMP, SPPU.
Dr. M. L. Dhore, Member, BOS-COMP, SPPU.
Dr. R. V. Patil, Member, BOS-COMP, SPPU.
Dr. (Mrs.) S. A. Itkar, Member, BOS-COMP, SPPU.

Dr. Pramod Patil, Member, BOS-COMP, SPPU.
Dr. Parikshit Mahalle, Member, BOS-COMP, SPPU.
Dr. P. M. Yawalkar, Member, BOS-COMP, SPPU.
Dr. (Mrs.) Gitanjali Kale, Member, BOS-COMP, SPPU.
Mr. R Venkateswaran, Member, BOS-COMP, SPPU.
Mr. Girish Khilari, Member, BOS-COMP, SPPU.
Mr. Sachin Lodha, Member, BOS-COMP, SPPU
Mr. Abhijit Jadhav, Subject Coordinator

ORGANIZING COMMITTEE

All faculty members of the department

KEYNOTE SPEAKER

Mr. Atul Kahate
Head of Learning and Development at RIA Advisory.

RESOURCE PERSONS

1. Mr. Abhijit Jadhav
Assistant Professor, Department of Computer Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune-18.

2. Mr. Tushar Kute
Data Scientist and Researcher in MITU Research, Pune

3. Mr. K. P. Birla
Assistant Professor, Department of Computer Engineering, KKWIEER, Nashik

**ONE DAY
ONLINE FACULTY ORIENTATION PROGRAMME (FOP)
on**

Web Technology and Web Technology Laboratory (310252 & 310257)

**Friday, February 25, 2022
in
Association with BOS,
Computer Engineering,
SPPU, Pune**

Organized By

Department of Computer Engineering

K. K. Wagh Institute of Engineering, Education & Research, Nashik-422003
(Permanently affiliated to the Savitribai Phule Pune University, Approved by AICTE New Delhi Government of Maharashtra, Accredited by NAAC with 'A' Grade and Nine courses NBA Accredited)
www.engg.kkwagh.edu.in

ABOUT THE INSTITUTE

The institute was established in the year 1984. A land of 20.5 Acres was generously donated by Shri. Kakusheth Udeshi of Hirabai Haridas Charitable Trust, Mumbai. The institute is approved by All India Council of Technical Education (AICTE), New Delhi and Governementof Maharashtra, permanenetly affiliated to Savitribai Phule Pune University and has recognition under section 2(F) and 12(B) of (UGC ACT 1956). The institute is accredited by National Assessment & Accreditation Council (NAAC) with 'A' Grade, and accredited by National Board of Accreditation (NBA) for 08 courses. It is only institute in Nashik to receive recognition thrice under "Platinum Category" by AICTE-CII Survey of Industry Linked Institutes and according to NIRF ranking survey 2016 ranked 85th amongst all engineering institutes in India. AICTE has granted IDEA Lab for the Institute. Total Project cost is 1.1 crore. AICTE will contribute 53 lacs towards the same. It is the only institute under SPPU to receive this grant. The Institute has been allotted online Exam center for GRE & TOEFL exam. The Institute having fully dedicated infrastructure for conducting the training and placement activities of the Institute. This Dedicated infrastructure is spread over 5078 Sq.Ft. area being named as "Dr. A.P.J Abdul Kalam Career Development Center".

ABOUT THE DEPARTMENT

The Department of Computer Engineering at the K. K. Wagh Institute of Engineering, Education and Research, Nashik was established in the year 1984. Since then, especially in the last twenty years of the IT revolution, the department has taken long strides and is now among one of the best departments in the University. The Department has well furnished laboratories equipped with state-of-the-art hardware and software resources, instruction halls, a seminar hall, tutorial and faculty rooms. The Department has a blend of experienced and young faculty members who also work as mentors to the equally diligent, hardworking and intelligent students. The department is twice accredited with recent accreditation by the AICTE-NBA in Dec 2019 for 3 years.

The degree programme BE (Artificial Intelligence and Data Scienc) is approved by AICTE, New Delhi from academic year 2020-21. The degree programme BE (Computer Science and Design) is approved by AICTE, New Delhi from academic year 2021-22. These programs are affiliated to Savitribai Phule Pune University, Pune with sanctioned intake for Artificial Intelligence and Data Science Engineering is 120 and Computer Science and Design is 60 respectively.

ABOUT THE FOP

This FOP is intended to explain the scope of the course Web Technology and Web Technology Lab. It provides guidelines to develop course material and deliver course effectively

FOP OBJECTIVES

- To conduct guidance sessions on course on web Technology and web Technology Laboratory as per revised SPPU curriculum (TE 2019 pattern).
- To identify the scope of the course and to improve the efficiency of delivery of the course.
- To provide a forum to exchange views, ideas and recent trends in the field of web Technology.

FOP SCHEDULE

Date	Session	Time	Topic Covered	Name of Expert
25/2/2022		10:30am - 11:15am	Inauguration	Mr. Atul Kahate
	SessionI	11:15am – 01:15pm	Web essentials and markup language, JSP and web services, Web technology laboratory	Mr. Abhijit D.Jadhav
	Session II	01:45 - 02:45pm	Client side technologies: JavaScript and DOM Java servlets and XML	Mr. Kushal P. Birla
	Session III	03:00 - 04:30pm	Server-side scripting languages Ruby and Rails	Mr. Tushar Kute
			Valedictory and Vote of Thanks	

IMPORTANT DATE
Date of FOP: **25th February2022**
Last date for registration is **23rd February 2022.**

REGISTRATION FEE DETAILS
- No participation fees for the FOP
- E-certificates will be issued after attending all sessions and submitting the feedback form.

REGISTRATION LINK
https://forms.gle/tRDU9k8nJ2DSZrWA9

ABOUT STES

The Sinhgad Group of Educational Institutes, spread over Maharashtra have a presence to reckon with. The Group is benchmarked in every aspect. It struck its foundation in 1993 to transform the dream of its visionary architect Founder President Prof. M. N. Navale into a palpable reality. The entire Sinhgad Group has convincingly evolved, into the most sought after education destination. Every Institute is duly accredited by NBA, approved by AICTE and affiliated to Savitribai Phule Pune University. Its Smt. Kashibai Navale Medical College subscribes to the code of the IMC. Every Institute has an Independent presence with enviable state-of-the-art infrastructure and all the facilities and resources, to label it an ideal place for learning. Invariably every campus has an impressive Research Centre and extensively stocked Library. It Comprises Institutes in its fold, run by capable and qualified resource people, drawn from various disciplines.

ABOUT SIT

Sinhgad Institute of Technology (SIT), Lonavala established in 2004 is affiliated to Savitribai Phule Pune University, approved by AICTE. SIT is involved in practicing teaching-learning methodologies of excellence to deliver quality engineering education for students all over India. Sinhgad Institute of Technology, one of the fastest-growing engineering colleges in Maharashtra, offers Graduate courses in the Department of Computer engineering, Information Technology, Mechanical Engineering, Electrical Engineering, Electronics and Telecommunication Engineering, and Post Graduate Course in Department of Electrical Engineering.

OBJECTIVE OF THE FDP

- The objective of this FDP is to orient faculty towards the TE Revised Syllabus for Human Computer Interface
- To bring uniformity in teaching across all colleges under SPPU Pune.
- To provide uniform guidelines towards conducting theory and practical

NOTE:

- Sessions will be conducted online through Ms Teams
- Online Registration is mandatory to participate in Session
- E-certificate will be provided to all participants on attendance and submission of feedback form

CHIEF PATRONS

Hon. Prof. M. N. Navale,
Founder President, STES, Pune
Dr. (Mrs). S. M. Navale,
Founder Secretary, STES, Pune
Mr. Rohit M. Navale,
Vice–President (HR), STES, Pune
Ms. Rachana M. Navale
Vice–President (Admin), STES, Pune

PATRON

Dr. M. S. Gaikwad Principal, Sinhgad Institute of Technology, Lonavala.

CONVENER

Dr. S. D. Babar
Professor and Head of Computer Engineering Department, SIT, Lonavala.

ADVISORY COMMITTEE

Dr. N. R. Karmalkar	Vice Chancellor, SPPU
Dr. Manohar G. Chaskar	Dean, Faculty of Science, SPPU
Dr. (Mrs.) Varsha Patil	Chairman, BOS Comp Engg.
Dr. S. S. Sane	Member, BOS-COMP, SPPU
Dr. M. L. Dhore	Member, BOS-COMP,SPPU
Dr. R. V. Patil	Member, BOS-COMP,SPPU.
Dr. (Mrs.) S. A. Itkar	Member, BOS-COMP,SPPU.
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Mr. R Venkateswaran	Member, BOS-COMP,SPPU.
Mr. Girish Khilari	Member, BOS-COMP,SPPU.
Mr. Sachin Lodha	Member, BOS-COMP,SPPU.

CO-ORDINATOR

Prof. Shailaja Lohar,   SIT, Lonavala.
Prof. Madhuri Kumbhar, SIT, Lonavala

Registration Link
https://forms.gle/W3hVRe3H1No4uoUEA

Sinhgad Technical Education Society's
SINHGAD INSTITUTE OF TECHNOLOGY
Kusagaon (Bk), Lonavala Pune – 410401
(Affiliated to Savitribai Phule Pune University, Pune & Approved by AICTE)

FACULTY DEVELOPMENT PROGRAM
on
TE Computer (Course 2019)
for Subject
"Human Computer Interface"
Elective - I (B)

5th AUGUST 2021

Organized by

COMPUTER ENGINEERING DEPARTMENT,
SIT, Lonavala

In association with

Board of Studies Computer Engineering,
SPPU, Pune

ABOUT THE INSTITUTE

The institute was established in the year 1984.A land of 20.5Acres was generously donated by Shri. Kakusheth Udesi of Hirabai Haridas Charitable Trust, Mumbai. The institute is approved by All India Council of Technical Education (AICTE), New Delhi and Government of Maharashtra, permanently affiliated to Savitribai Phule Pune University and has recognition under section 2(F) and 12(B) of (UGC ACT 1956). The institute is adjudged as Grade 'A' by Government of Maharashtra. The institute is Accredited by National Assessment & Accreditation Council (NAAC) with 'A' Grade, and accredited by National Board of Accreditation (NBA) for 08 courses. It is only institute in Nashik to receive recognition thrice under "Platinum Category" by AICTE-CII Survey of Industry Linked Institutes and according to NIRF ranking survey 2016 ranked 85th amongst all engineering institutes in India. AICTE has granted IDEA Lab for the Institute. Total project cost is 1.1 crore. AICTE will contribute 53 lacs towards the same. It is the only institute under SPPU to receive this grant.The Institute has been allotted online Exam center for GRE & TOEFL exam. The Institute having fully dedicated infrastructure for conducting the training and placement activities of the Institute.This Dedicated infrastructure is spread over 5078 Sq.Ft. area being named as "Dr. A.P.J Abdul Kalam Career Development Center".

CHIEF PATRONS

Hon. Shri. BalasahebWagh
President, K. K.Wagh Educaion Society, Nashik.
Hon. Er. Sameer B. Wagh
Trustee, K K Wagh Education Society, Nashik
Hon. Shri.K.S.Bandi
Secretary, K. K. Wagh Educaion Society, Nashik

PATRONS

Prof. Dr. K.N Nandurkar
Principal, KKWIEER, Nashik
Prof. Dr. S.S. Sane
Vice Principal, Prof. & Head of department of Computer and AI-DS Engg, KKWIEER, Dean (Admn)

ADVISORY COMMITTEE

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Dean, FoST, SPPU, Pune
Prof. Dr. V.H.Patil
Chairman BOS,SPPU,Pune
Prof. Dr. Pramod Patil
Member of BOS & FoST,SPPU, Pune

CONVENER

Prof.Dr. S.M. Kamalapur
Professor, KKWIEER Nashik

FACULTY COORDINATORS

I.Priyadarshini & A.V. Tavare
Assistant Professor ,KKWIEER,Nashik

K. K.Wagh Institute of Engineering Education & Research Nashik-422003

(Permanently Affiliated to the Savitribai Phule Pune University.Approved by AICTE New Delhi Government of Maharashtra.Accredited by NAAC with 'A' Grade and Eight Courses NBA Accredited)

Department of Computer Engineering
Organizes
One Day Faculty Development Program
on
Elective-I(310245A)
IoT and Embedded Systems

TE 2019 Course Sem-I

(Saturday 21st Aug, 2021)

10:30a.m. to 4:30 p.m

In Association with
Board of Studies (Computer Engineering), Savitribai Phule Pune University (SPPU), Pune

ABOUT THE DEPARTMENT

The Department of Computer Engineering at the K. K.Wagh Institute of Engineering Education and Research, Nashik was established in the year 1984. Since then, especially in the last twenty years of the IT revolution, the department has taken long strides and is now among one of the best departments in the University. The Department has well furnished laboratories equipped with state-of-the-art hardware and software resources, instruction halls, a seminar hall and tutorial and faculty rooms. The Department has a blend of experienced and young faculty members who also work as mentors to the equally diligent, hardworking and intelligent students. The department is twice accredited with recent accreditation by the AICTE-NBA in Dec 2019 for 3 years.

The Department of Artificial Intelligence and Data Science Engineering is recently established by the institute from academic year 2020-21 and the Department of Computer Science and Design from the year 2021-22. These programs are approved by AICTE, New Delhi and affiliated to Savitribai Phule Pune University, Pune. Sanctioned intake for Artificial Intelligence and Data Science Engineering is 120 and Computer Science and Design is 60.

OBJECTIVE OF THE FDP

- To conduct guidance sessions on course on IOT and Embedded Systems as per revised SPPU curriculum.
- To identify the scope of the course and to improve the efficiency of delivery of the course
- To provide a forum to exchange views, ideas and recent trends in the field of IoT and Embedded Systems.

CONTENTS

- Syllabus Overview and CO,PO, CO-PO mapping , Internet of Things Concepts
- Introduction to Embedded Systems
- IoT Design Methodology
- IoT Protocols ,Cloud Platform for IoT, Security in IoT
- Arduino Simulation using TinkerCad

CHIEF GUEST & RESOURCE PERSONS

- ❖ **Mr. R. Venkateswaran,** Senior Vice President, IOT Solutions , Persistent Technology, Pune
- ❖ **Dr.A.B.Pawar,** Sanjivani COE, Kopargaon
- ❖ **Prof. M.P. Wankhade,** Sinhgad COE, Pune
- ❖ **Dr. M.S.Chaudhari ,** Sinhgad Institute of Technology, Lonavala.
- ❖ **Dr.R.S.Tiwari,** Cognifront Software pvt Ltd, Nashik
- ❖ **Mrs.I.Priyadarshini,** KKWIEER Nashik

ORGANIZING COMMITTEE

All faculty members of the department

TARGET AUDIENCE

Faculty Members of Engineering colleges affiliated to Savitribai Phule Pune University

REGISTRATION LINK

https://forms.gle/6R5pqF1x949AUpQN9

FOR MORE INFORMATION CONTACT

Mrs. I.Priyadarshini
ipriyadarshini@kkwagh.edu.in
9405209881
Mrs. A.V. Tavare
avtaware@kkwagh.edu.in
8237622821

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www.youtube.com/channel/UCwWJ3-aCITg 6WvNmrPiVaew?view_as=subscriber

ADVISORY COMMITEE

Dr. Santosh Patil (HOD Civil)

Dr. Sanjay Khonde (HOD Electrical)

Dr. Pramod Chavan (HOD E&TC)

Mrs. Gayatri Patil (HOD Mechanical)

Dr. Prajakta Deshmukh (FE Coordinator)

RESOURCE PERSONS

1. **Mr. Atul Kahate**
   (Consult, Persistent System)
2. **Mr. Sahil Malik**
   (Project Heat at Power Agro)
3. **Dr. Sonali Patil** (PCCOE, Pune)
4. **Dr. Ram Mangrulkar** (Dwarkadas J. Sanghavi College of Engineering, Mumbai)
5. **Dr. Balaso N. Jagdale** (MIT-WPU , Pune)
6. **Prof. Anita Patil** (Dr. D. Y. Patil's RAIT Navi Mumbai)
7. **Prof. Rahul Sonkamble** (MIT-ADT, Pune)
8. **Prof. Kushal Kunjir** (MIT-ADT , Pune)

ORGANIZING COMMITTEE

Department of Computer Engineering

CHIEF PATRON

Hon. Shri. Kalyan Jadhav

President, KJEI

Hon. Mr. Vinod Jadhav

Treasurer, KJEI

Hon. Mrs. Harshada Jadhav

Managing Director, KJEI

Hon. Ms. Vibhavari Jadhav

Managing Director, KJEI

Hon. Maj. Gen. Sameer Kalla VSM (Retd.)

Executive Director, KJEI

PATRON

Dr. Suhas S. Khot

Principal, KJCOEMR

CONVENOR

Dr. Nikita Kulkarni

HOD, Computer Engineering

COORDINATORS

Prof. Sheetal A. Nirve (9405108440)
Asst. Professor
Prof. Komal R. Londhe (9823181803)
Asst. Professor

**KJ's Educational Institute
K J College of Engineering and Management Research, Pune**

**One Week ISTE Approved National Level STTP
On**
"Blockchain Technology & it's Applications"
24th July 2023 to 29th July 2023
Organized by
Department of Computer Engineering

Address: S. No. 25 & 27, Near Khadi Machine Chowk, Kondhwa Annex, Pune48
Website:https://www.kjei.edu.in/kjcoemr/

ABOUT KJEI

The KJEI Educational Trust was established in 2005, to serve the Rural area in the field of education. The Lush green campus of over 110 acres, located in the Sahyadri valley at Bopdev Ghat, near Kondhwa Annex area in Pune city. Under the umbrella of KJ's Educational Institute, we are running various Engineering, Pharmacy, Architecture, Management, Engineering Diploma courses and an International School with Junior College to serve the rural area in the field of education. We have one of the largest and best educational campus spread over 110 acres with excellent infrastructure. Our first Institute namely Trinity College of Engineering & Research was established in year 2008 with the aim to provide quality education in the field of engineering. It is one of the few reputed engineering institutes in the jurisdiction of the Savitribai Phule Pune University.

ABOUT KJCOEMR

KJCOEMR was established in the year 2009. We offer four year full time degree course in 'Bachelor of Engineering' with specialization in Civil, Computer, Electrical, Electronics and Telecommunication, and Mechanical Engineering and four post graduate courses in Computer Engineering, Computer Networks, Structural Engineering, and Design Engineering. The college is under Academic Mentorship of COEP and accredited by NAAC. The college is approved by AICTE, DTE, Govt. of Maharashtra and is affiliated to Savitribai Phule Pune University, Pune.

ABOUT DEPARTMENT

The department was established in 2009 to cater to the requirement of trained Engineers in the field of Computers. The department is having a UG course in Computer Engineering, with intake capacity of 120 students and Post Graduate courses in Computer.

REGISTRATION

- Date 24th to 29th July 2023
- Timing : 10.00 am to 12.30 pm and 2.00 pm to 4.30 pm
- Certificate : E-certificates on successful completion of FDP with 75% Attendance & Test with minimum 40% score is mandatory to receive certificate.
- Mode : **ONLINE**
- Registration Fees : **Rs. 200/-**
- Last date to apply :**23rd July 2023**

Fees Payment QR code:

Registration Link:
https://forms.gle/3W8F1fNjD6uDDgtF9
[For ISTE Members: Certificate will be provided by ISTE]

ABOUT STTP

- ❑ This STTP is open for all faculty members of Engineering.
- ❑ Sessions will be conducted online
- ❑ Online Registration is Mandatory to participate in STTP.

MARATHA VIDYA PRASARAK SAMAJ'S
Karmaveer Adv. Baburao Ganpatrao Thakare
College of Engineering, Nashik

Permanently Affiliated to Savitribai Phule Pune University Vide Letter No. : CA/1642 & Approved by AICTE New Delhi - Vide Letter No. : 740-89-32-(E) ET/88. AISHE Code - C-41622

One Day Faculty Orientation Program

on

Laboratory Practice-III (410246)

(02nd August, 2022)

Organized by

Department of Computer Engineering, MVPS's KBT COE, Nashik

In association with

BoS Computer Engineering, Savitribai Phule Pune University, Pune

Platform: Microsoft Team   **Date: 02 August 2022**

FOP Schedule

Time	Activities / Session
09.30 AM to 09.35 AM	**Joining of all invitees, speakers and attendees**
09.35 AM to 09.40 AM	**Virtual lamp lighting and Saraswasti Vandana**
09.40 AM to 09.45 AM	**Welcome Speech by** **Dr. D. V. Medhane,** HoD Computer Engineering, MVPS's KBTCOE, Nashik
09.45 AM to 09.50 AM	**Address by** **Dr. S.R. Devane,** Principal, MVPS's KBTCOE Nashik
09.50 AM to 10.00 AM	**Address by Chief Guest** **Dr. Parikshit Mahalle** Professor, Vishwakarma Institute Of Information Technology, Pune
10.00 AM to 11.30 AM	**Session 1: Design and Analysis of Algorithms** **Dr. Santosh Chobe** Professor, HoD Dr. D. Y. Patil IOT, Pimpri, Pune
	Dr. Vaishali Tidake Associate Professor, MVPS's KBT COE, Nashik
11.30 AM to 12.15 PM	**Lunch Break**
12.15 PM to 01.45 PM	**Session 2: Machine Learning** **Ms. Arpita Gupta** CEO, Data Confess Pvt. Ltd., Pune
	Dr. Sheetal Sonawane Associate Professor, PICT Pune
01.45 PM to 02.00 PM	**Short Break**
02.00 PM to 03.30 PM	**Session 3: Blockchain Technology** **Prof. Shailaja Lohar** Assistant Professor, JSPM's Rajarshi COE, Pune
03.30 PM Onwards	**Conclusion, Feedback and Vote of Thanks**

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- Dr. S. A. Sonavane — Pro-Vice Chancellor, SPPU
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- Dr. N. J. Uke — Member, BOS - CE, SPPU
- Dr. Santosh Chobe — Coordinator - CE, SPPU

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- Prof. Dipali Kadam — PICT, Pune
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Assistant Professor, Department of Computer Engineering

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FACULTY ORIENTATION PROGRAM

Organized By

Department of Computer Engineering, I²IT

In Asscociation with

BoS (Computer Engineering)

Savitribai Phule Pune University

On

"Laboratory Practice - VI"

(BE Computer Engineering, 2019 Course)

Date: 17-01-2023

ABOUT INSTITUTE

The International Institute of Information Technology (I²IT), Pune [pronounced as I Square IT] was established by Late Shri. P. P. Chhabria, Founder Chairman of Finolex Group of Companies, a well-known philanthropist and former President of Mahratta Chamber of Commerce, Industries and Agriculture (MCCIA). As a world class academy to impart high-end education in Engineering and Technology the Institute has strived to meet the growing needs of the industry. Established on 10 acres of land, this institute equips students to accept challenges in the areas of Information Technology, Engineering and other niche areas of expertise.

I²IT is an Undergraduate Engineering Institute approved by the All India Council for Technical Education (AICTE), New Delhi; Recognized by the Directorate of Technical Education (DTE), Govt. of Maharashtra and is affiliated to the Savitribai Phule, Pune University and offers 4 years full-time B.E. Courses in Computer Engineering, Information Technology and Electronics and Telecommunication with approximately 800+ students on campus.

The three co-ordinates for all the courses offered are theoretical foundations, applied practices and real – life experiences; which are achieved through spacious and comfortable lecture rooms, well-resourced laboratories and hands-on project work in association with various companies. The whole teaching – learning environment is geared towards nurturing innovation and building leadership. The Institute was dedicated to the service of the nation at the hands of the former President of India, His Excellency, Hon'ble Dr. A. P. J. Abdul Kalam.

DEPARTMENT VISION

To be an eminent Department that provides exemplary education that would nurture innovative thinking, quality research and there by grooming students to become skilled professionals and researchers in various field of Computer Engineering.

DEPARTMENT MISSION

- To provide a conducive environment that offers an enriching learning experience and motivate students towards innovative thinking and research.
- To equip students with technical skills that would help them develop efficient software solutions.
- To enhance industry academia dialogue enabling students to inculcate professional skills within them.
- To incorporate social and ethical awareness among our graduates to make them conscientious professionals.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- PEO1: To develop technically competent Computer Engineers with proficient domain knowledge, research attitude and innovative thinking.
- PEO2: To foster committed graduates with a life-long learning attitude and entrepreneurship spirit for successful career.
- PEO3: To inculcate professional ethics, managerial and communication skills to accomplish a worthy career in all spheres of Computer Engineering.
- PEO4: To nurture socially aware engineers who can develop effective solutions for the betterment of the community and the nation.

ABOUT FOP

The objective of this Faculty Orientation Program is to orient faculty members towards the BE revised syllabus for Laboratory Practice VI and to bring uniformity in teaching across all colleges under SPPU, Pune.

REGISTRATION DETAILS

Link for free Registration :
https://forms.gle/jqtkURL7vvRQAYQf9

Link for Whatsapp group :
https://chat.whatsapp.com/BA1XLWTsifu2vOoAWCIqHk

Link for Faculty Orientation Program :
https://tinyurl.com/SPPU-FOP-LP-VI-I2IT

NOTE

- Sessions will be conducted online through Microsoft Teams.
- Online registration is mandatory to participate in the session.
- E-certificate will be provided to all participants after submission of feedback form.

ADDRESS FOR CORRESPONDENCE

International Institute of Information Technology (I²IT)

P-14, Phase 1, Hinjawadi Rajiv Gandhi Infotech Park,

Hinjawadi, Pune, Maharashtra 411057

Tel: 020 2293 3441/2/3 | Website: www.isquareit.edu.in

A Project of Hope Foundation - FINOLEX

Registration Details

Do online Registration on the following link :
https://forms.gle/b4EWmCVwEnwgDFc36
Admission will be on a first come first serve basis,as the number of participants are limited to 40.
Registration Fees. : Rs.500/- per participant
Account Details :
Account Name :
MMMS College of Engineering
Account Number : 50100106677569
IFSC Code : HDFC0000149
Bank Name and Address :
HDFC Bank Ltd., Mayur Colony, Kothrud, Pune 4110293
Last Day of Registration : 27th Jan 2023
Attendance is mandatory. Certificate hard copy will be provided to all participants after attending all sessions.
Kindly Join the WhatsApp Group of FDP with the link given below
https://chat.whatsapp.com/HJbp5CL65ibH2CGfHCFtfu

SCAN TO PAY

Inauguration Chief Guest

Mr. Dnyanesh Gangamwar, Founder and CEO, Amazatic Solutions
Dr. Bhushan Garware, Cloud Migration Consultant, Google

Resource Persons

Renowned Academicians and Industry experts.
Dr. Bhushan Garware, Cloud Migration Consultant, Google
Ms. Swati Jaiswal, Software Engineer ii Microsoft, Hyderabad
Yogesh Murumkar, Chief Executive Officer, Bharat Soft Solutions
Mrs. Asma Shaikh, Asst. Professor, MMCOE, Pune
Vivek Nikam , Director, CodeSpyder Technologies Pvt. Ltd.

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‘ येथे बहुतांचे हित ।’

Five Days
Faculty Development Program (FDP)
on

Deep Learning and It's Application

30th January 2023 to 3rd February 2023

Organized by
Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING
Karvenagar, Pune
Accredited with 'A' Grade by NAAC | Permanently affiliated to SPPU
Recipient of 'Best College Award 2019' by SPPU
Accredited with NBA (Mech. Engg. & Elect. Engg.)
Recognized under section 2(f) and 12B of UGC Act 1956

Department of Computer Engineering

Sr.No. 18, Plot No. 5/3, CTS No.205,
Behind Vandevi Temple, Karvenagar, Pune - 411052

in association with
CSI Student Chapter

About Marathwada Mitra Mandal

The trust "Marathwada Mitra Mandal, Pune" was established in 1967 by Hon. Late Shri. Shankarraoji Chavan, Former Home Minister, Govt. of India as the "Founder President". The trust had started its activity with the objective of providing hostel or similar accommodation in Pune to the students. This trust is established through the inspiration of socially and educationally charged personalities, with motto "Yethe Bahutanche Hit" (Welfare of Masses). Mass education, co-education and dedication towards overall development of the region are watchwords of the trust. At its various educational campuses, the trust has created excellent facilities of education catering to Architecture, Interior Design, Management, Law, Commerce, Pharmacy, Engineering, etc, which provide excellent education to about 15,000+ students.

About MMCOE

MMCOE has been recognized as the BEST COLLEGE by SPPU. MMCOE is one feather in the cap of Marathwada Mitra Mandal Pune, from the academic year 2006 - 2007. It offers five engineering programmes (Computer, Electrical, E&TC, Information Technology and Mechanical) and two P.G programmes MBA and ME(Computer Engineering) and Research Lab. It houses 2000+ students and 200 staff members. Along with the focus on core academics, college also takes care of overall personality development of the students. The college has an active robotics cell, NCC, Training and Placement cell etc.

About Computer Engineering Department

The Computer Engineering Department at MMCOE was established in 2006 with an intake of 120 students for undergraduate course (B.E.) and 18 students for Post Graduate course (ME) in Computer Engineering affiliated to Savitribai Phule Pune University. The Computer Engineering Department is well-known for rewarding the changes and challenges in the technological development for industrial arena. As the Industries today demands versatile Engineers with the knowledge of Java, C++, Python, Open Source, AI and Data Science technologies, so the objective of our Department is to prepare with expertise in these technologies with consistent efforts and practice within four year of Engineering course. This makes our students employable and Industry ready. Here with, we form the team of enthusiast, well qualified and competent faculty members. Most of the curriculum is taught using modular learning approach to integrate the academic programs with practical knowledge.

About the FDP

The Faculty Development Programme will help to disseminate the knowledge in the domain of data science and Deep learning. It empowers the participants to understand how data science can be used to innovate and improve the business process. Deep Learning is a fast-growing field of Artificial Intelligence concerned with the study and design of computer algorithms for learning good representations of data, at multiple levels of abstraction. Since data is overwhelming, organizations are struggling to extract the powerful insights they need to make smarter business decisions. The participants will be trained with hands-on approach in order to have an in-depth insight into the domain of Data Sciences and expose them to Feasibility & future scope.

Objectives of the FDP

To equip teachers with skills and knowledge in the field of machine learning and deep learning, this is essential for inculcating learning values in students and guiding & monitoring their progress towards their career.

To make the faculties to train the students to create interest towards the field of machine learning and deep learning and also familiarize the students with the practical aspects of this field and gradually teach them the industrial usage of machine learning and deep learning for various applications.

Course Content

- ◈ Introduction to Artificial Intelligence, Machine Learning, Deep Learning and Representation Learning
- ◈ Introduction Deep learning and its applications
- ◈ Neural Network and Hands On session
- ◈ Convolution Neural Networks
- ◈ Recurrent and Recursive Nets: Unfolding Computational Graphs, Recurrent Neural Networks, Bidirectional RNN
- ◈ Classification using Deep neural network
- ◈ Deep Generative Models
- ◈ Reinforcement Learning

Name in Full _____

Designation _____

Department _____

Organization / Institute _____

Address with Pin Code _____

_____

Mobile No. _____

Email _____

Date _____

Seal and signature of   Signature of Participant
Institute Head/HOD

Dr. D. Y. Patil Technical Campus

Dr D Y Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohgaon, Pune – 412 105
Website: www.dypic.in, Contact No.: 020-67077926
(Affiliated to Savitribai Phule Pune University, Pune, Approved by DTE, Govt. of Maharashtra and AICTE, Accredited by NAAC)

"Empowerment through Quality Technical Education"

National Level One-week online Faculty Development Program On "Artificial Intelligence"
(24th May to 28th May 2021)

Organised by

Department of E & TC Engineering and Internal Quality Assurance cell (IQAC)

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Chancellor, Ajeenkya D Y Patil University, Pune

Patron
Prof.Hrridaysh Despande
(Vice Chancellor, Ajeenkya D Y Patil University, Pune)

Organizing Chair
Dr. Ashok Kasnale
Principal, Dr D Y Patil School Of Engineering, Pune

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HoD (E & TC Engineering Department)

Coordinator
Dr. Saniya Ansari
(Associate Professor, E & TC Engg.)

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- Prof. Gaurav Tiwari
- Prof. Prajkta Khairnar
- Prof. Ashwini Bagade
- Prof. Swati Khawate

About The Institute

Dr D Y Patil School of Engineering is established in 2010. The institute is approved by the All India Council for Technical Education (AICTE), New Delhi, Directorate of Technical Education (DTE), Mumbai and Govt. of Maharashtra, accredited by NAAC and is affiliated to Savitribai Phule Pune University. The institute offers engineering programs in Civil Engg, Mechanical Engg., Electronics and Telecommunication Engg, and Computer Engineering. The institute also offers PG courses in Mechanical, E&TC and Computer Engineering. The institute has dedicated faculty members and staff and is well equipped with equipment's in laboratories.

About Faculty Development Program

Artificial Intelligence today is used in all fields of work specifically banking, insurance, manufacturing, retail, logistics and so on. Its application in medical diagnosis, robots, remote sensing, etc. is a high state of the art. AI as a subject includes the use of computer science, mathematics, statistics and domain expertise.

AI provides greater precision and accuracy on detection and prediction, Robots trained on AI can be used to do the works which are difficult for us. AI has created newer technological breakthroughs in our life, Fraudulent activities such as credit card transactions have become easier with AI technologies. AI can be used in time-consuming tasks and it can save a lot of time by becoming more efficient.

Contents of FDP
Day 1: Introduction to AI & Problem Formulation
Day 2: Search & Production System
Day 3: Ontology
Day 4: Propositional Logic
Day 5: Pattern Recognition & Neural Network

Speaker

Mr. Kushal Sharma,
Director, Prushal Technology Pvt. Ltd, Pune

Bhivarabai Sawant Institute of Technology and Research Wagholi ,Pune 412207

(Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra & Affiliated to Savitribai Phule Pune University)
Accredited with B++ by NAAC

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

IETE Students Forum (ISF) BSIOTR

DEPARTMENT OF MECHANICAL ENGINEERING

Organizes

DIGITIZATION IN INDUSTRY

@ Resource Person

Mrs. Akanksha A Deshpande

Receiptant of Best Performer award in Siemens Energy

Designation- Team Lead in Quality Department
Handling USA,Germany and Norway sites

Date: 28/11/2020, Saturday at 11 am to 1 Pm

Registration Link- https://forms.gle/gJyPqy17xyBVAgru7

Event Link- Participant can join using any one of the following link

Link 1- meet.google.com/iyv-qoiv-zsi

Link 2-meet.google.com/zww-fpoc-kti

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ETSA Coordinator	IETE /ISF COORDINATOR	IETE /ISF COORDINATOR	HOD Mechanical Engg.	HOD E&TC Engg., VICE CHAIRMAN IETE PUNE CENTRE

	Dr. T.K. Nagaraj	**Dr. S. N. Patil**	**Dr. V. M. Kayande**	**Dr.R.D.Kharadkar**
	PRINCIPAL BSIOTR	Director, JSPM's Wagholi Campus	Director, JSPM's Wagholi Campus	CHAIRMAN IETE PUNE CENTRE

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Accredited with "B++" Grade by NAAC
Wagholi, Pune-412207 (Maharashtra)
Phone: (020) 65109173
www.jspmbsiotr.edu.in

Department of Electronics & Telecommunication Engineering
Organizing One Week
AICTE Funded
Short Term Training Program (STTP) On
"DIGITAL SKILL DEVELOPMENT FOR PROFESSIONALS"
STTP Slot No 2- 8th Feb 2021 to 13th Feb 2021
STTP Slot No 3- 22nd Feb 2021 to 27th Feb 2021

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Dev Sec Ops Curl Tech Ltd, Bengaluru
Kottaram Ramesh, SkillsDa, Chennai
Prof. **S. P. Rao Borde**, Dean SP&IR, RSCOE
Chairman, FTPO India

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Dr. **N. N. Ghuge** (HOD, Electrical Engg.)
Dr. **P. S. Kachare** (HOD, Mechanical Engg.)
Dr. **R. A. Mahajan** (HOD IT Engg.)
Dr. **A.L. Wanare** (Dean Academics)

IMPORTANT DATES
Slot 2
Registration Deadline: 2nd Feb 2021
Confirmation of Participation: 5th Feb 2021
Slot 3
Registration Deadline: 18th Feb 2021
Confirmation of Participation: 20th Feb 2021
TIME: 10 AM to 5PM
EMAIL: ysangal_entc@jspmbsiotr.edu.in
LINK FOR REGISTRATION
Slot 2 -https://forms.gle/jSoz8ov2YfmcFUQ6A
Slot 3 -https://forms.gle/6LisKPDHTJznFzuXA
LINK TO ATTEND STTP
Link will be provided to registered participant one day before
JOIN WHAT'S APP GROUP
SLOT 2 LINK
https://chat.whatsapp.com/HoZkgrrWMfcEOrLsI76OgU
SLOT 3 LINK
https://chat.whatsapp.com/JHmsrVFzBtf7KxDijRgWQE

CONTACT US
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Prof. V. G. Puranik (9890241881)
Prof. S. S. Dubal (7499718630)
Prof. D. D. Khairnar (9960410440)
Prof. Tushar Kafare (9960859908)

ABOUT BSIOTR

JSPM's Bhivarabai Sawant Institute of Technology and Research, Pune established in 2009, is involved in practicing various teaching learning methodologies of excellence to deliver quality engineering education to students from all corners of India. The Institute is located in Wagholi in lush green and well maintained campus which is surrounded by industries and IT companies. The Institute provides environment for the development of individual skills and personality development. The institute offers Under Graduate courses in Electrical Engineering, Computer Engineering, Information Technology, Electronics & Telecommunication, Mechanical Engineering. The core strength of this institute is highly qualified, dedicated & experienced faculty, well equipped laboratories and state of art infrastructure.

ABOUT DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

The course leading to a Bachelor's Degree in Electronics & Telecommunication Engineering affiliated to SPPU was started in the year 2009-10 with intake of 60 seats. The department has started Post Graduate Program (VLSI-Embedded) from July2012. The Department of Electronics and Telecommunication is one of the principle academic movers at BSIOTR, which facilitates students to specialize in the field of telecommunication. The main objective of the department is to impart strong background of theory and practical in Radio and Light wave communication including satellite, wireless and Optical Communication Systems etc. The course offered is well known for its applied nature including state-of-the-art laboratory equipment's and computable academic work. The course focuses on the communication systems, electronic control systems, Digital systems, VLSI Design, DSP, DIP, Microcontroller systems, Satellite Communication, Computer Network Communication networks.

ABOUT STTP ON "DIGITAL SKILL DEVELOPMENT FOR PROFESSIONALS"

Tech companies, and indeed all organizations in the digital economy, are coming to realize that digital skills are vital for employees in the digital era. It is more important than ever that new employees are cross-disciplined and have both hard and soft skills. Whatever the specific job students are interviewing for, recruiters will be looking out for a wider skill set and broader experience in their new hires. In this connection faculty/ Industry professionals needs to develop their digital skills in technical and academic field. This STTP gives focus on various areas where Digital Skills required for professionals as listed below: Very renowned resource persons from IIT's, NIT's and Industries are invited for this training Program. We are appealing you to get benefited by attending this STTP.

CONTENTS

IOT and Medical Fields

Digital Content Development, Video Editing and Content development

Python and Machine Learning

Prototyping using 3-D Printing for Engineering

Application of Micro manufacturing for MEM's

Mechanical Industry, Aviation Systems

Social Media Marketing

ADVISORY COMMITEE

Dr. Santosh K. Patil (HOD, Civil)
Dr. Sanjay S. Khonde (HOD, Electrical)
Dr. Prajakta N.Deshmukh (F.E. Coordinator)
Dr. Nikita Kulkarni (HOD Computer)
Mrs. Gayatri S. Patil (HOD Mechanical)

ORGANIZING COMMITTEE

Dr. Neha Shahare 8007908391
Prof. Vivek Ghanekar 9766126106
Prof. Rahimraja Shaikh 77982 48033
Prof. Puja Chaudhari 9921034012
Prof. Mayur S.Gawade
9975421100

RESOURCE PERSONS

Mr. Aditya Yadav,
(CEO, Akruti Solutions)

Mr. Sahil Rajjak Mulla,
Founder, Tara Media Works

Mr. Aniket Gharge
Indian Farmer Entrepreneurs- Founder
IFE Store- Co-founder
A & J Creators - Co-founder.

Mr. Rohit Deoo
BE,MBA
CEO, Alive Digital.

CHIEF PATRON

Hon. Shri. Kalyan J. Jadhav
President, KJEI

Hon. Mr. Vinod K. Jadhav
Treasurer, KJEI

Hon. Mrs. Harshada V. Jadhav
Managing Director, KJEI

Hon. Ms. Vibhavari K. Jadhav
Managing Director, KJEI

Hon. Maj. Gen. Sameer Kalla VSM (Retd.)
Executive Director, KJEI

PATRON

Dr. Suhas S. Khot
Principal, KJCOEMR

CONVENER

Dr. Pramod U. Chavan
HOD, E&TC Engineering

COORDINATOR

Prof. Shilpa J. Kale
Asst. Professor , E&TC Engineering
Contact No.:- 8237795905

KJ's Educational Institute
K J College of Engineering and Management Research, Pune

One Week ISTE Approved STTP on

" Digital Marketing"
13th March 2023 to 17th March 2023

Organized by

Department of E&TC Engineering

Address: S. No. 25 & 27, Near Khadi Machine Chowk, Kondhwa Annex, Pune -48
Website : www.kjei.edu.in/kjcoemr

ABOUT KJCOEMR

KJCOEMR was established in the year 2009. Shri Kayan Jadhav the pioneer and builder of this vast realm firmly believe that education alone can make a difference to the nation. His vision has augmented the growth of the institute and it has gained recognition in all Strata of society. We offer four year full time degree course in 'Bachelor of Engineering' with specialization in Electronic sand Telecommunication, Civil, Computer, Electrical, and Mechanical Engineering and four post graduate courses in Computer Engineering, Computer Networks, Structural Engineering, and Design Engineering. The college is under Academic Mentorship of COEP and accredited by NAAC. The college is approved by AICTE, DTE, Govt. of Maharashtra and is affiliated to Savitribai Phule Pune University, Pune. KJCOEMR.

ABOUT DEPARTMENT

The department of Electronics and Telecommunication came into existence in 2010 by the approval of All India Council of Technical Education (AICTE). Department of Electronics & Telecommunication has maintained pace with the cutting edge technology through research, tie up with the industries, updated laborites etc. Our Department is equipped with outstanding infrastructure and boasts of a unit of learned and dedicated faculty members who work with zeal and enthusiasm to provide a vibrant and optimum learning environment to the students and help them acquire the skills which are required to excel in today's competitive environment.

REGISTRATION DETAILS

Link for Registration:
https://forms.gle/z2JZBCf83w7dVEAbA

Last Date for registration:
13th Mar 2023 till 10 am.

STTP Certificate to all participants for participation will be provided.

Pay Rs 100/- for ISTE Certificate (ISTE Members Only)

Join Whatsapp group using:
https://chat.whatsapp.com/IxiXtrg9L755l6w8ebyNKn

STTP TOPICS

- Introduction, SEO, Social Media Marketing
- Content Creation
- Freelance Marketing
- Affiliate marketing
- Blogging, E-Commerce
- Social media ads
- Word press & Google Analytics
- Face book optimization and ads
- Hands-on sessions

ABOUT STTP

- ❑ This STTP is open for all faculty members, Industry Persons and Research Scholars of Engineering in the area of data Analytics, machine Learning and related technology.
- ❑ Online Registration is Mandatory to participate in STTP.
- ❑ E-Certificate will be provided to all participants with Min. 60% attendance after filling Feedback form.
- ❑ Daily two Sessions will be conducted online mode through Google Meet.

About the Institution

TSSM's Bhivarabai Sawant College of Engineering and Research (BSCOER) has been established in the year 2010 under the banner of The Shetkari Shikshan Mandal Sangli, Pune and the sister concern of Jayawant Shikshan Prasarak Mandal (JSPM), Pune. It is approved by All India Council for Technical Education (AICTE), New Delhi, recognized by Government of Maharashtra (Directorate of Technical Education, DTE) and affiliated to Savitribai Phule Pune University. Presently the institute is offering five undergraduate courses: five post graduate courses and a Ph. D. program in Civil Engineering along with four diploma level courses. The institute has highly qualified and experienced faculties. The institute has well equipped modern laboratories with the state of the art infrastructure. The College is located in Pune, the cultural capital of Maharashtra and fast growing educational, industrial and software hub of India.

About the Department

The Department of E & TC Engineering has been established in the year 2010 with a sanctioned intake of 60 students. The post graduate program in Signal Processing was started with a sanctioned intake of 24 in 2012. The faculty is highly qualified, dynamic and experienced. The department has equipped with technical enhanced laboratories like e-Yantra, IoT and ML, VLSI and Signal Processing Lab. The department is consistently achieving good academic results. The department has strong research groups in wireless communication, VLSI Design and Embedded Systems. The department has a good academic culture and conducive working environment for teaching, learning, research and development. Department is constantly taking efforts for the co-curricular & extra-curricular activities.

One Week Hands-on Faculty Development Program on

"Next-Generation Nano-electronics Devices, Circuits and its Applications using EDA Tools"

17th July - 21st July 2023

Organized by
Electronics & Telecommunication Engineering Department
TSSM's
Bhivarabai Sawant College of Engineering and Research,
Narhe, Pune, Maharashtra - 411041.

In Association with
Industry Partner

Contact Us:
Prof. P. P. Gaikwad 7350284771
Prof. V. C. Bavkar 9552523824

Content of the FDP

Inauguration Ceremony

Day: Monday | Date : 17 /07/2023
Time : 10 AM
Venue: Seminar Hall, E & TC Department

Session Time: 10:00 AM - 5:00 PM

Day 1 : Monday 17/07/2023

Morning | 10:00 AM-5:00 PM
Introduction to Recent trends in CMOS design technology and design flow.
Afternoon | 2:00 AM-5:00 PM
CMOS circuits using stick diagrams, Transistorized layout designing

Day 2 : Tuesday 18/07/2023

Morning | 10:00 AM-5:00 PM
Hands on session using SPICE netlist simulation software tools.
Afternoon | 2:00 AM-5:00 PM
Design of Analog circuits using stick diagrams, like basic gates, current mirror, etc. CMOS circuit design and optimization.

Day 3 : Wednesday 19/07/2023

Morning | 10:00 AM-5:00 PM
Introduction to FinFET technology.
Afternoon | 2:00 AM-5:00 PM
Introduction to VHDL Designing With VHDL

Day 4 : Thursday 20/07/2023

Morning | 10:00 AM-5:00 PM
VHDL - language elements, entity, architecture, configuration and library
Interfacing Using Xilinx Soft Xilinx design flow
Introduction to the Hardware (WATRIX-II Board).
Afternoon | 2:00 AM-5:00 PM
Practical session using schematic & layout concepts, and experimentation

Day 5 : Friday 21/07/2023

Morning | 10:00 AM-5:00 PM
Dumping of several basic codes in FPGA Hardware
Afternoon | 2:00 AM-5:00 PM
Hands on with basic examples using FPGA platform – practical session.
Feedback and Q/A session

About FDP

This workshop has an emphasis to provide a platform for interaction and to discuss recent advances, new paradigms, technological trends and challenges in the field of CMOS design and fabrication. Also this workshop provides an excellent opportunity to exchange ideas on the topics of importance along with thought provoking technical sessions like IC designs and EDA tools, and Hands on experience on Microwind by eminent industrial speakers, which will cover all practical exposure of VLSI Design. The participants will have an exposure to CMOS Design and Technology, Circuit Design, Simulation and Layout Design by Industry expert in the domain of VLSI Design.

Objectives of training program are closely linked to the subject of innovation

- Exposure to VLSI/ ASIC Design.
- A develop effective HDL Codes for digital Design
- Design trends for Ultra deep submicron technologies.
- Hands on VLSI Front end design tools.
- To study the CMOS VLSI Design Issues.
- Introduction and Hands-on for FinFET and Nanosheet FET Technology.

Who can attend

- Teaching Faculty Members from AICTE approved institute from all disciplines.
- Research Scholars
- Industry Personnel

Certificate will be issued after attending all session & submitting assignment.

FDP is only for 40 Participants
(First Come First Serve)

Registration Form

One Week Hands-on Faculty Development Program
on
'Next-Generation Nano-electronics Devices, Circuits and its Applications using EDA Tools'

Full Name:

Department:

Institution / Organization Name:

Address:

Cell phone:

E-mail:

Signature of the
Applicant

Principal Sign &
Stamp

Registration

Registration Fees - Free

Send duly filled registration form to
ppgaikwad_entc@tssm.edu.in
and submit hardcopy at the time of registration.

DEPARTMENT VISION & MISSION

VISION

To be preferred destination for education in Electronics and Telecommunication engineering leading to societal growth.

MISSION

★ To provide conducive environment for achieving quality in engineering education catering socio-economic needs.

★ To tune with emerging challenges by adapting engineering advances.

CHIEF PATRON

Hon. Prof. Dr.T.J.Sawant
Public Health & Family Welfare Minister,
Govt. of Maharashtra,
Founder Secretary JSPM & TSSM Group of
Institutes, Pune

Hon. Shri. Giriraj T. Sawant
Secretary, TSSM Group of Institutes Pune

Hon. Shri. Rushiraj T. Sawant
Director, JSPM Group of Institutes, Pune

PATRON

Dr. S. V. Admane
Campus Director, Wagholi, Pune

Dr. T.K.Nagaraj
Principal, BSIOTR

PROFESSIONAL BODY
(ADVISORY COMMITTEE)

1) Dr. Makarand M. Jadhav
Chapter Chair, IEEE Communication Society,
Pune Center

2) Dr. V. V. Shete
Chairman, IETE Pune Centre

3) Dr. D. G. Bhalke
Secretary, IETE Pune Center

CONVENER

Dr. Y. S. Angal
Prof & Head, Electronics &
Telecommunication Engineering, BSIOTR
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Contact Number: 7057150817

COORDINATORS

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2) Poonam V. Gawade
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RESOURCE PERSON

1) Dr. Makarand M. Jadhav
Prof & Head (E&TC), NBN STIC, Pune
2) Dr. Vijay M. Birari
Prof & Head (E&TC), MVP'S, KBTCOE, Nashik
3) Dr. Araddhana A. Deshmukh
Prof & Head (AI & DS), MMCOE, Pune
4) Dr. S. K. Jagtap
Prof & Head (E&TC), SKNCOE, Pune
5)Dr. Anuradha S. Deshpande
Professor, (E&TC) JSPM's ICOER , Pune
6) Dr.Vandana Rohokale
Prof & Head (E&TC), SITS, Narhe, Pune
7) Dr. Gitimayee Sahu
Sr.Manager, Jio Platforms Ltd, Mumbai
8) Dr. R. R. Itkarkar
Prof (E&TC), AISSMS COE, Pune

REGISTRATION DETAILS

- For IETE & IEEE Communication Society :- 100/-
- Others :- 200/-

For Online Registration:
https://forms.gle/DqZGk3RwM7tudCQ38

Whatsapp group link:
https://chat.whatsapp.com/JnzhEHNcgf1Cwtbjpd380F

Mode of Conduct: Online 2.00 pm to 5.00 pm

QR Code for Payment

Certificate of Participation will be given to the Registered Participant at the end of FDP After MCQ Test.
NOTE: 80% Attendance is Mandatory.

JSPM's
Bhivarabai Sawant Institute of Technology & Research, Wagholi

Accredited by NBA & NAAC

One Week Online
Faculty Development Program
On
"Recent Trends In Mobile Computing With Real Time Approach "
(27th March to 1st April 2023)
Organized By
Department of Electronics & Telecommunication Engineering In Association with IETE Pune Center and IEEE Signal Processing Society Pune Chapter

ADDRESS OF INSTITUTE

JSPM's
Bhivarabai Sawant Institute of Technology &
Research Pune-412207 (Maharashtra)
Gat No.720 (1&2), Pune-Nagar Road, Wagholi,
Pune - 412207
Phone: (020) 67335100, Fax No. (020)-22933424
Website: www.jspmbsiotr.edu.in

ABOUT JSPM

Jayawant Shikshan Prasarak Mandal (JSPM) is established in 1998 with the objective of creating center of excellence for education in the field of Engineering, Medical, Pharmacy, Management etc. JSPM Group of Institutes has been successful in establishing Best Engineering. MBA, MCA, high Pharmacy colleges and Schools, spread across six campuses in Pune. JSPM imparts quality education through right curriculum and innovative teaching methodologies at all its campuses, JSPM Group of Institutes has evolved from single institute to 75+ institutes, spread in the vicinity of Pune. JSPM provides students a vibrant academic experience that adheres to stringent international quality standards, imbibes life skills among its students, and prepares them to take up competitive careers and to be successful in life.

ABOUT THE INSTITUTE

JSPM's Bhivarabai Sawant Institute of Technology and Research established in 2009, believes in practicing various student centric teaching learning methodologies to impart quality engineering education to students. The Institute has been approved by the All India Council for Technical Education (AICTE), New Delhi and affiliated to SPPU Pune. The institute has been accredited by NAAC and three programs are accredited by NBA. The Institute is located in Wagholi in lush green and well maintained campus which is surrounded by industries and IT companies to provide an opportunity for more Industry-Institute-Interaction. The Institute provides conducive environment for the holistic development of individual skills and personality development.

INSTITUTE VISION

Satisfy the aspirations of youth force, who want to lead nation towards prosperity through techno-economic development.

INSTITUTE MISSION

To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring students, which will prepare them to face global challenges maintaining high ethical and moral standards.

ABOUT THE DEPARTMENT

The department is accredited by NBA. The department has 60 intake (UG level) and 24 (PG Level) with aim to provide students the lifelong learning and leadership skills that enable them to grow in their professions and advance in positions of responsibility by effective Industry-Institute Interaction. The department has well equipped state of the art labs with modern infrastructure and ICT enabled facilities. The department has well experienced faculty.

DEPARTMENT VISION

To emerge as a department of repute compatible to the changing needs of society at large.

DEPATMENT MISSION

M1: To cultivate creativity and innovativeness in teaching learning process for developing competent professionals.
M2: To equip graduating students with skill sets to meet current and future demands of industry, academia and society through well designed curriculum.

PROGRAM EDUCATIONAL OBJECTIVE (PEO'S)

PEO-1: Ability to pursue professional career.
PEO-2: An ability to adopt rapid changes in core & allied domain of E&TC Engineering fulfilling industrial & societal needs.
PEO-3: An ability to deal with societal problems ethically delivering sustainable solution.

WORKSHOP OBJECTIVE

1. To learn Wireless technologies and study the basics of wireless, cellular technology, working of Mobile IP, ad hoc network, features of mobile operating systems.
2. To understand the use of M-Commerce application.

COURSE CONTENTS

- Mobile Communication Technologies
- Multiplexing
- Spread spectrum
- GSM architecture
- Generations of Mobile Communication Technologies
- Handover
- GPRS architecture
- 5G architecture
- Ad-Hoc Networking
- Transport Layer
- Mobile IP
- Fading Channels
- Mobile OS
- Recent trends in Telecommunication Industries
- Computational Intelligence in Mobile Computing

ORGANIZING COMMITTEE

- Dr.Anil Wanare : 73500 08708
- Meenakshi Annamalai : 77988 47035
- Yogesh Bahendwar : 98933 44915
- Nilesh Mohota : 90110 00809
- Manoj Sonune : 94211 22463
- Aniket Gunjal : 98508 94989
- Sneha Dhere : 97304 13463

Department of Electronics & Telecommunication Engineering
A report on
AICTE Funded Short Term Training program (STTP) on
"Digital Skill Development from professionals"
Phase-1   07/12/2020 to 12/12/2020
Phase-2   08/02/2021 to 13/02/2021
Phase-3   22/02/2021 to 27/02/2021

Objective	Digital skill Development for Professionals
Date of Conduction	Phase -1 07/12/2020 to 12/12/2020 Phase -2 08/02/2021 to 13/02/2021 Phase- 3 22/02/2021 to 27/02/2021
Program Coordinator	Dr.Yogesh S. Angal
Slot-1 Coordinator	Dr.A. L Wanare
	Prof. D D Khairnar
Slot-2 Coordinator	Prof. Meenalshi A
	Prof. S. S. Dubal
Slot-3 Coordinator	Prof . V G Puranik
	Prof. T.V..Kafare
Total Registration	223

SLOT 3: AICTE Funded STTP on "Digital Skill Development for Professionals"
Duration : 22/02/2021 to 27/02/2021

Introduction:

Tech companies, and indeed all organizations in the digital economy, are coming to realize that digital skills are vital for employees in the digital era. It is more important than ever that new employees are cross-disciplined and have both hard and soft skills. Whatever the specific job students are interviewing for, recruiters will be looking out for a wider skill set and broader experience in their new hires. In this connection faculty/ Industry professionals needs to develop their digital skills in technical and academic field. This STTP   gives focus on various areas where Digital Skills required for professionals. Very renowned resource persons from IIT's, NIT's and Industries are invited for this training Program

DAY 3/Time	**Date 24/02/2020**	Topic
10.00am to 12.00pm	Name of Industry Expert: Dr. Badri N. Subudhi, IIT, Jammu	Convolutional Neural Network
DAY 3/Time	**Date 24/02/2020**	
1.00 pm to 3.00 pm	Name of Industry Expert: Dr. R.S. Deshpande, Principal, ICOER, Pune	Digital Skills in Wireless Sensor Network
DAY 3/Time	**Date 24/02/2020**	
3.00 pm to 5.00 pm	Name of Industry Expert: Dr. Ashwini M. Deshpande, Professor, Cummins College of Engg. for Women, Pune	Digital Content Development
Session I: **Session Objectives**		
By attending the session attendees will be able following:		
1	To Understand fundamentals of Neural Network.	
2	Convolutional Neural Network (CNN)	
3	Surveillance, Detection and Tracking	
4	Navigating Deep underwater for Visual Surveillance	

Session I: Convolutional Neural Network (CNN)

Convolutional Neural Network (CNN) — The advancements in Computer Vision with Deep Learning has been constructed and perfected with time, primarily over one particular algorithm. A **Convolutional Neural Network (ConvNet/CNN)** is a Deep Learning algorithm which can take in an input image, assign importance (learnable weights and biases) to various aspects/objects in the image and be able to differentiate one from the other.

Underwater surveillance is a new emerging technology as a promising field of research in recent years. The potential applications include marine investigation, ocean exploration etc. Submarine navigation underwater requires special skills and technologies not needed by surface ships. The challenges of underwater navigation have become more important as submarines spend more time underwater, travelling greater distances and at higher speed. Military submarines travel underwater in an environment of total darkness with neither windows nor lights. Operating in stealth mode, they cannot use their active sonar systems to ping ahead for underwater hazards such as undersea mountains, drilling rigs or other submarines.

Dr. Badri N. Subudhi sir started the first session of Day 3 with the brief introduction about CNN and Surveillance and explained his research work in detail with many examples
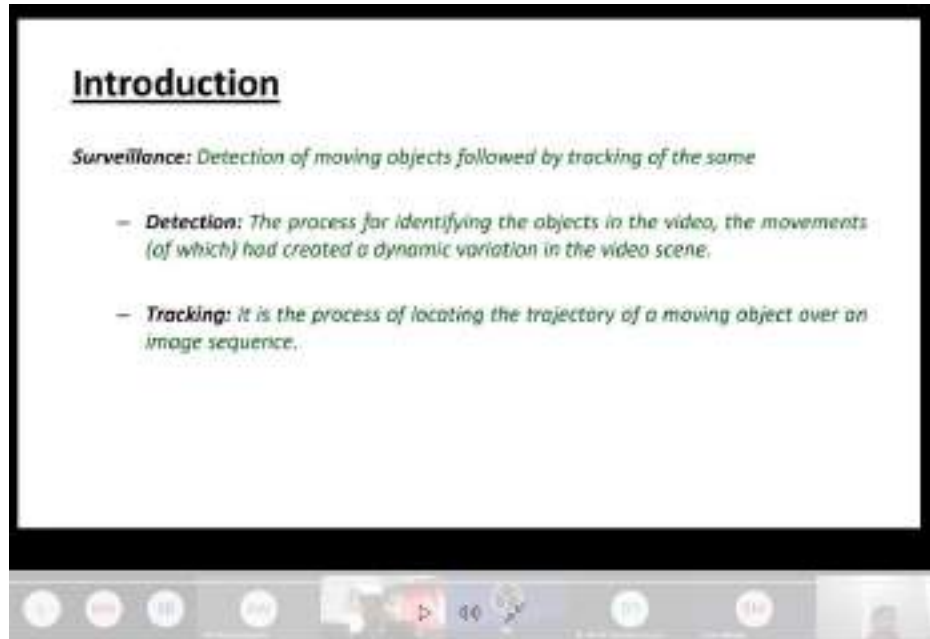
Photo 1: Introduction of CNN by Dr. Badri

Photo 2: Detection of underwater object
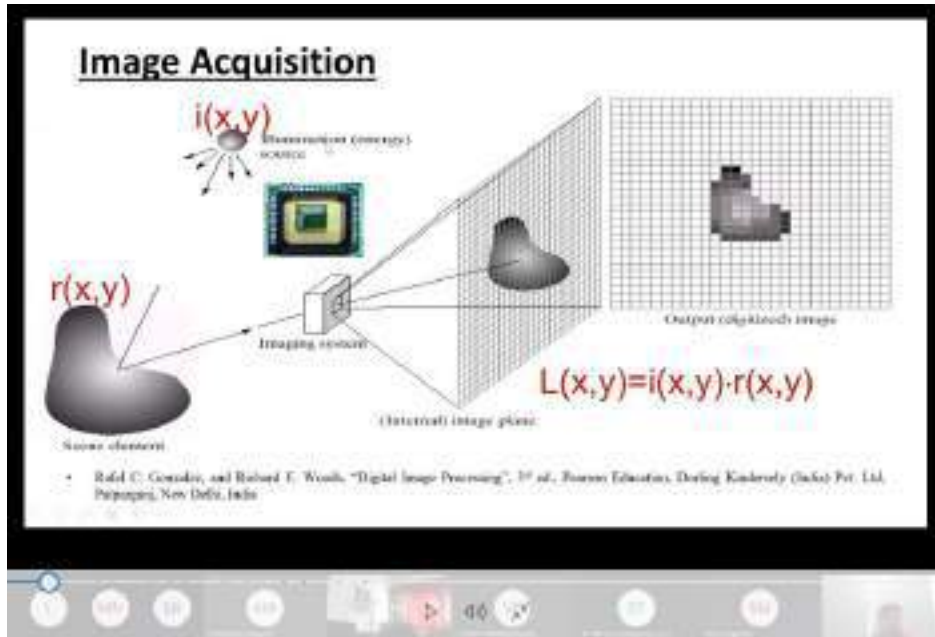
Photo 3: Image Acquisition
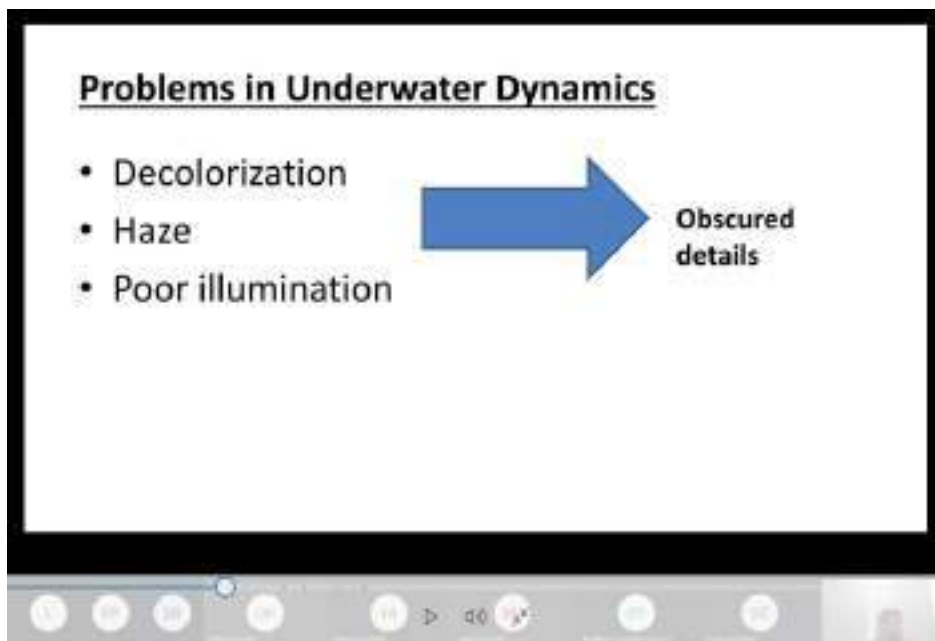
Photo 4: Problems in Underwater Dynamics
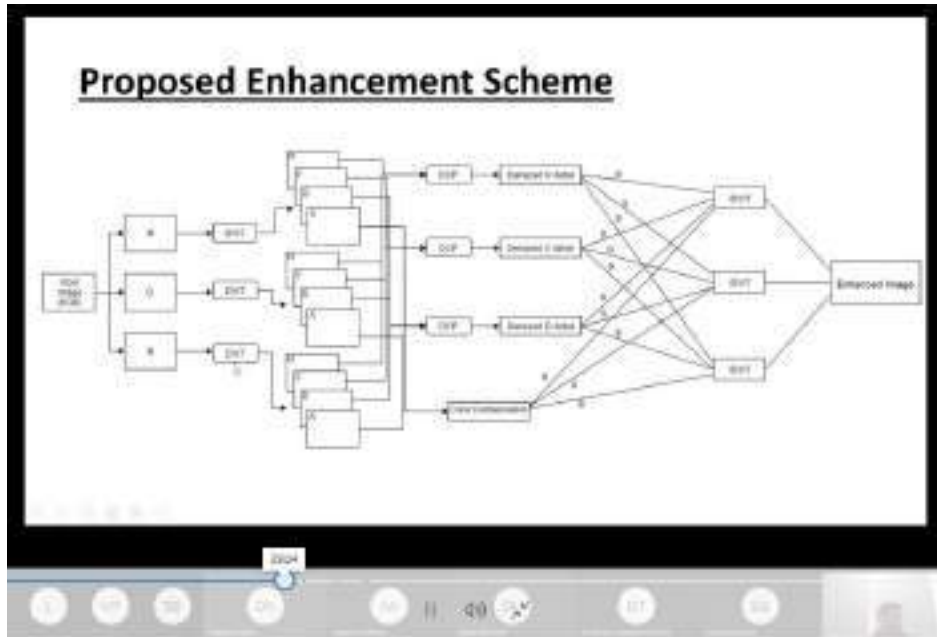
Photo 5: Proposed Enhancement scheme

Photo 6: Goals of Data collection

Photo 7: Analysis of an Image

Photo 8: Failure Cases

Outcome of this Session;

Dr. Badri N. Subudhi session was an interactive discussion session to answer queries of participants and to provide more insights in CNN with respect to Deep learning and artificial intelligence as well. All participants were very eager to know more about his research work in Navigating Deep underwater for Visual Surveillance. It is useful to upgrade the knowledge about the latest technology. Resource person explained every concept clearly with simple examples.

Vote of Thanks:

Participants appreciated chairperson and STTP coordinator for organizing CNN session in AICTE funded STTP. Session ends with Vote of thanks, which is delivered by Dr. Yogesh S.Angal, STTP Coordinator.

DAY 3/Time	Date 24/02/2020	
1.00 pm to 3.00 pm	Name of Industry Expert: Dr. R.S. Deshpande, Principal, ICOER, Pune.	Digital Skills in Wireless Sensor Network
Session II: **Session Objectives**		
By attending the session attendees will be able following:		
1.	To Understand fundamentals of Wireless Sensor Networks	
2.	Importance of WSN	
3.	Digital skills required for WSN	
4.	Applications of WSN	

Session II: Digital Skills in Wireless Sensor Network

Wireless sensor network (WSN) refers to a group of spatially dispersed and dedicated sensors for monitoring and recording the physical conditions of the environment and organizing the collected data at a central location. WSNs measure environmental conditions like temperature, sound, pollution levels, humidity, wind, and so on.

These are similar to wireless ad hoc networks in the sense that they rely on wireless connectivity and spontaneous formation of networks so that sensor data can be transported wirelessly. WSNs are spatially distributed autonomous sensors to monitor physical or environmental conditions, such as temperature, sound, pressure, etc. and to cooperatively pass their data through the network to a main location. The more modern networks are bi-directional, both collecting data from distributed sensors and enabling control of sensor activity.

The WSN is built of "nodes" – from a few to several hundreds or even thousands, where each node is connected to one (or sometimes several) sensors. Each such sensor network node has typically several parts: a radio transceiver with an internal antenna or connection to an external antenna, a microcontroller, an electronic circuit for interfacing with the sensors and an energy source,

Dr. R.S. Deshpande sir started the session with the introduction of Wireless Sensor Network (WSN) and Mobile Ad-hoc Network (MANET). He explained about its features, Design Challenges, Operational Challenges and applications of WSN. He explained about the research work and its results.

Photo 1: Introduction of WSN and MANET

Photo 2: Features of WSN
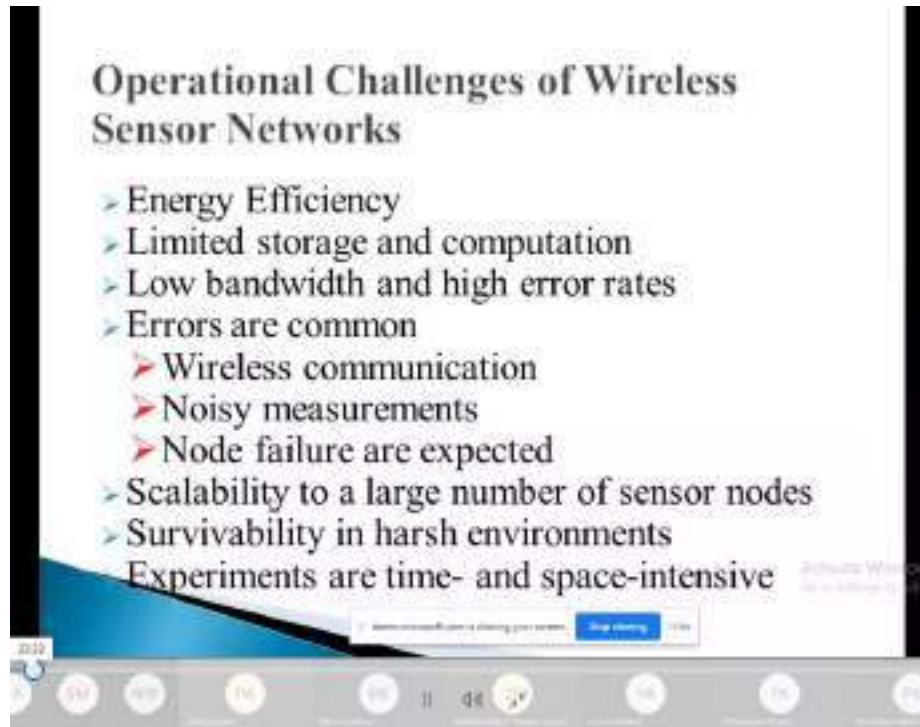
Photo 3: Operational Challenges

Photo 4: Applications of WSN

Photo 5: Applications of WSN
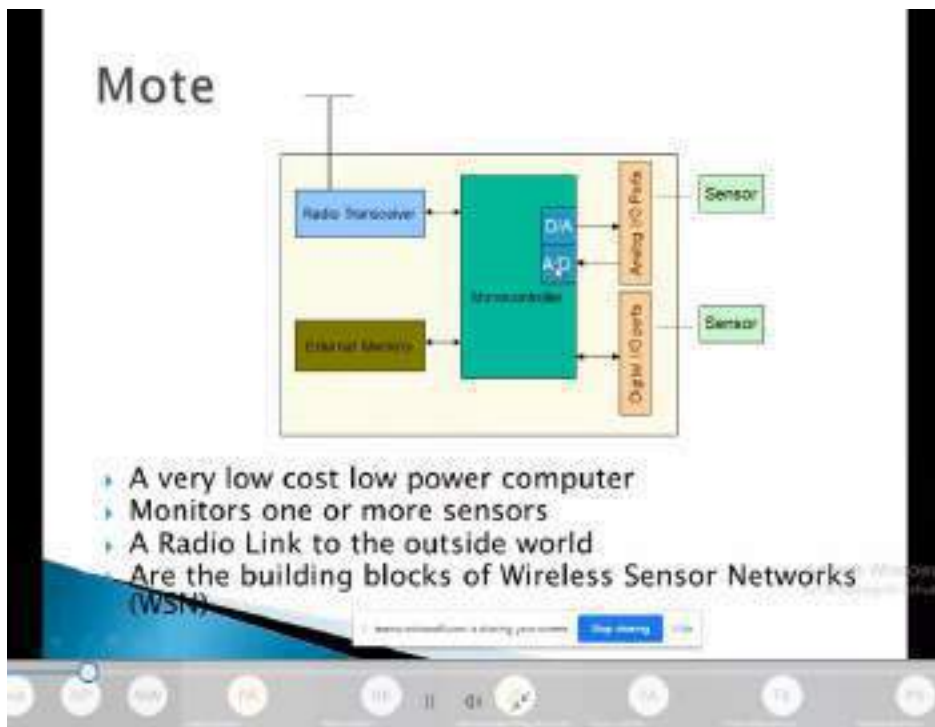
Photo 6: Building Blocks of WSN

Photo 7: Routing in WSN

Photo 8: Motivation of Research area in WSN
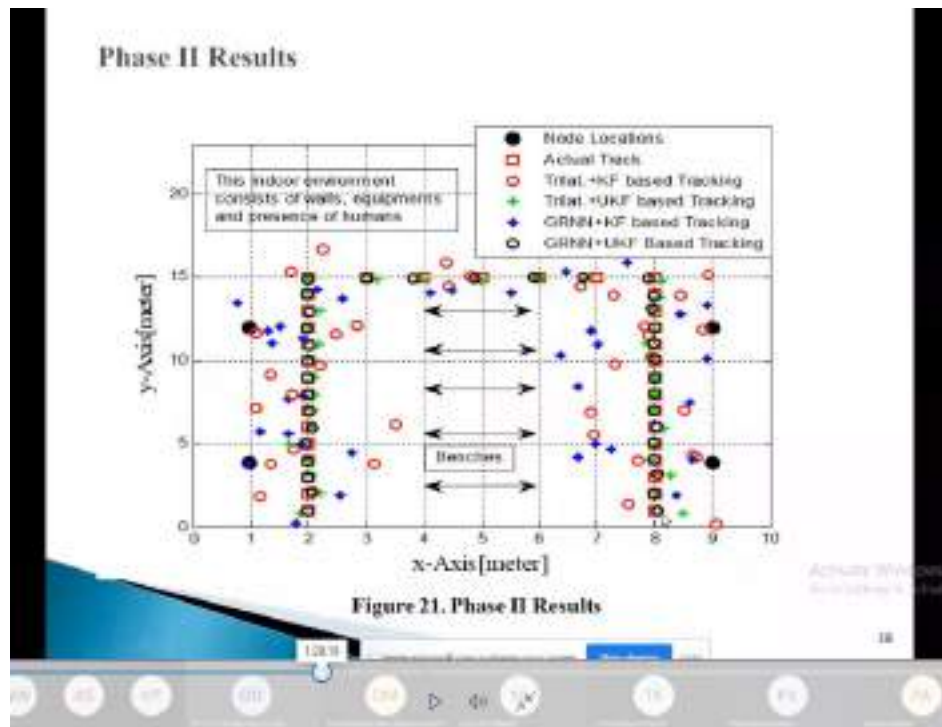
Photo 9: Discussed about research work results

Outcome of this Session;

Dr. R.S. Deshpande session was an interactive discussion session to answer queries of participants and to provide more insights in WSN with respect to various networks and MANET as well. All participants were very eager to know more about the research work in WSN. It is useful to upgrade the knowledge about the latest technology. Resource person explained every concept clearly with simple examples.

Vote of Thanks:

Participants appreciated chairperson and STTP coordinator for organizing WSN session in AICTE funded STTP. Session ends with Vote of thanks, which was delivered by Dr. Yogesh S.Angal, STTP Coordinator.

DAY 3/Time	Date 24/02/2020	
3.00 pm to 5.00 pm	Name of Industry Expert: Dr. Ashwini M. Deshpande, Professor, Cummins College of Engg. for Women, Pune	Digital Content Development
Session III: **Session Objectives**		
By attending the session attendees will be able following:		
1.	To Understand fundamentals in digital content development	
2.	Types of digital/e-contents	
3.	Various tools for digital content creation	
4.	Plan and Prepare e-content	

Session III: Digital Content Development

Content development is the process of creating content, for example, for a website from start to finish. Content development is interchangeable with content marketing. Web content can be anything from blog posts to info graphics to videos. However, an effective content development strategy is much more than just writing.

Content development includes:

1. Strategy
2. Writing
3. Optimization (SEO)
4. Publishing
5. Promotion

.To develop a good content is hard work, but the benefits of content marketing are undeniable.

Seven-step process for content development.

1. Gather Information
2. Blog Topic Analysis
3. Strategize
4. Write
5. Optimize & Publish
6. Promote
7. Review & Repeat

Dr. Ashwini M. Deshpande mam started her session with the agenda of developing digital content, explained the types available in digital content development. She explained clearly about the

various tools used for e-content development and discussed how to plan and prepare the digital content with an example.
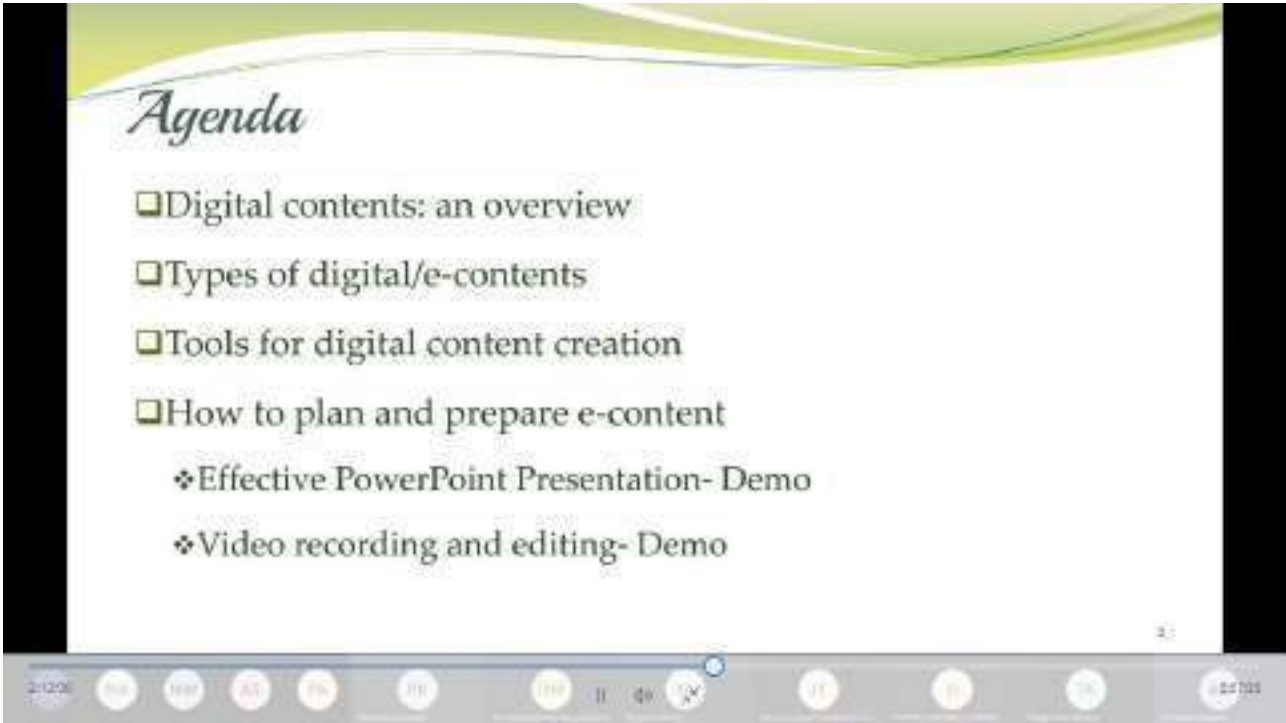
Photo 1: Agenda of the Session

Photo 2: Content Creation
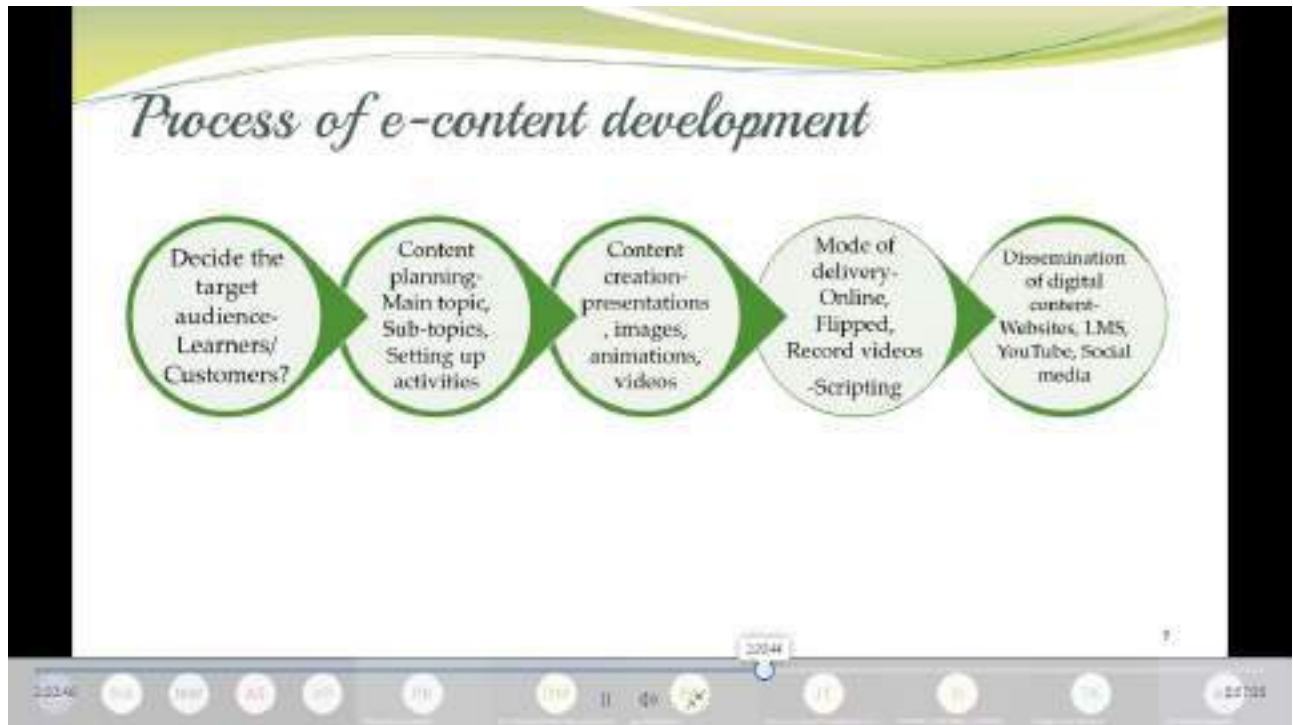
Photo 3: Process of e-content development

Photo 4: Types of digital content

Photo 5: Example
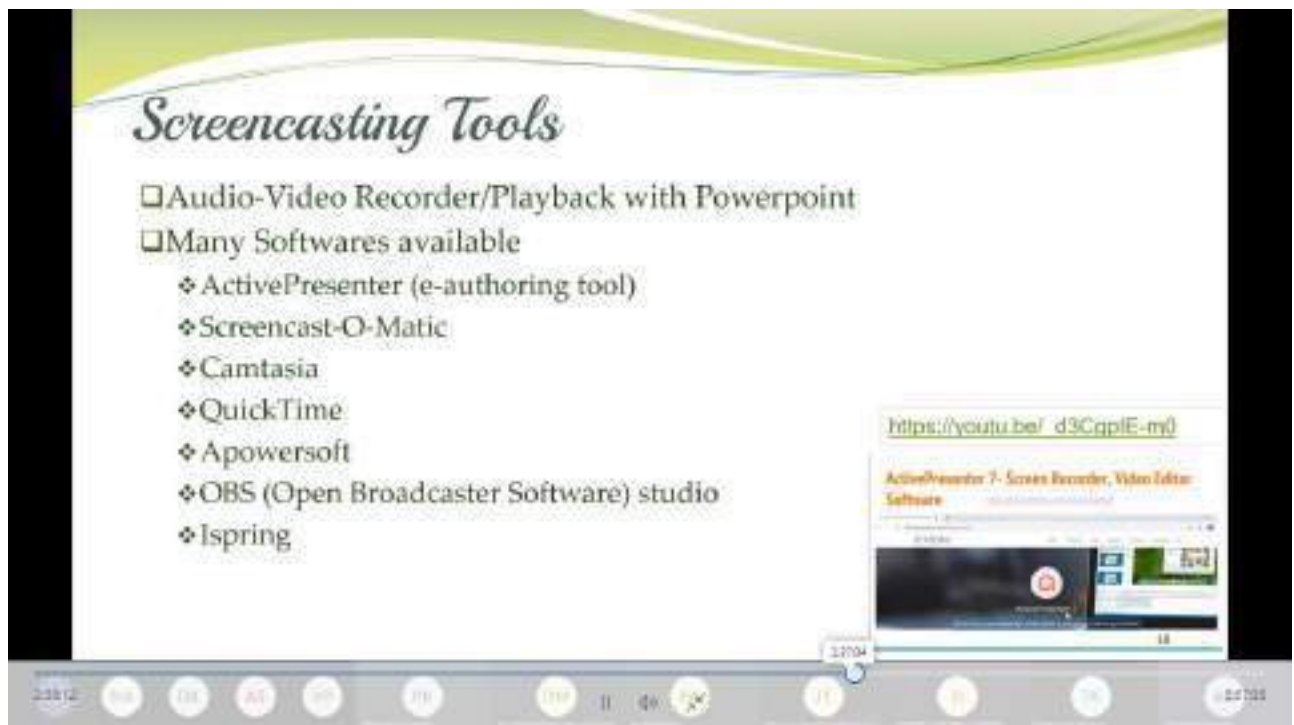
Photo 6: Screen casting tools

Photo 7: Planning a course structure

Photo 8: Video editor software
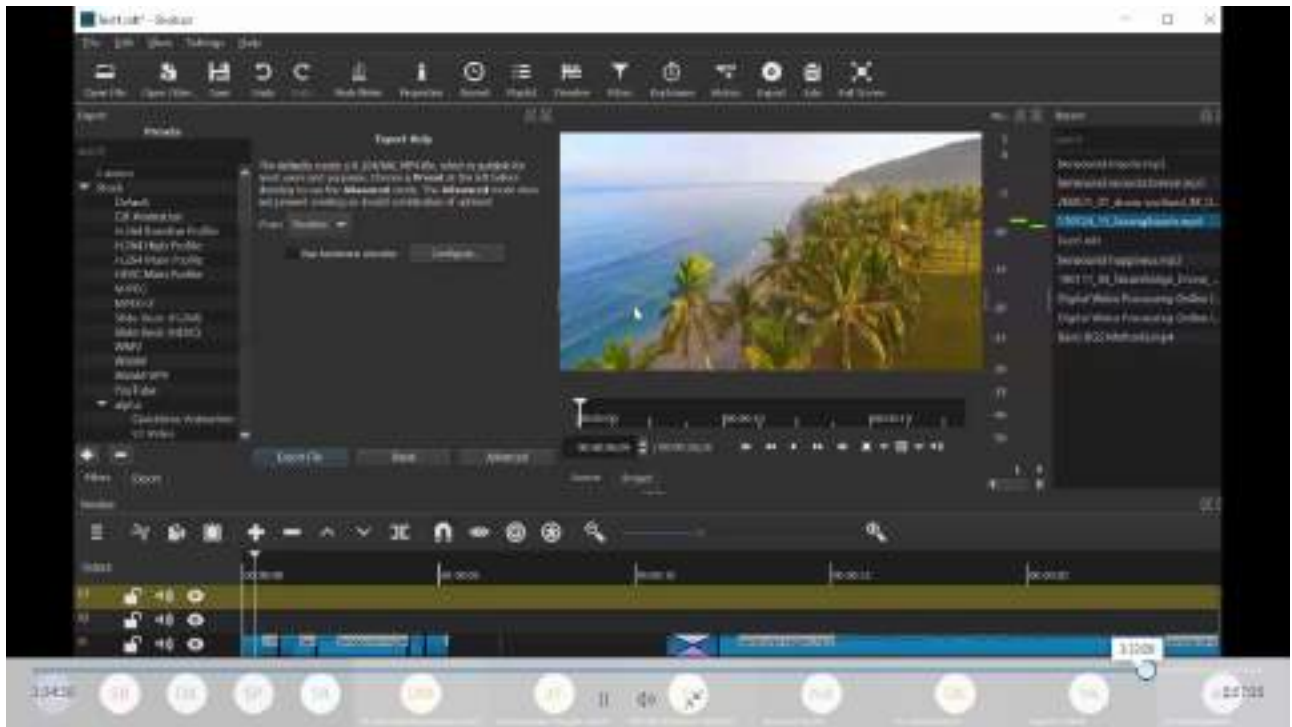
Photo 9: Explaining functions of software
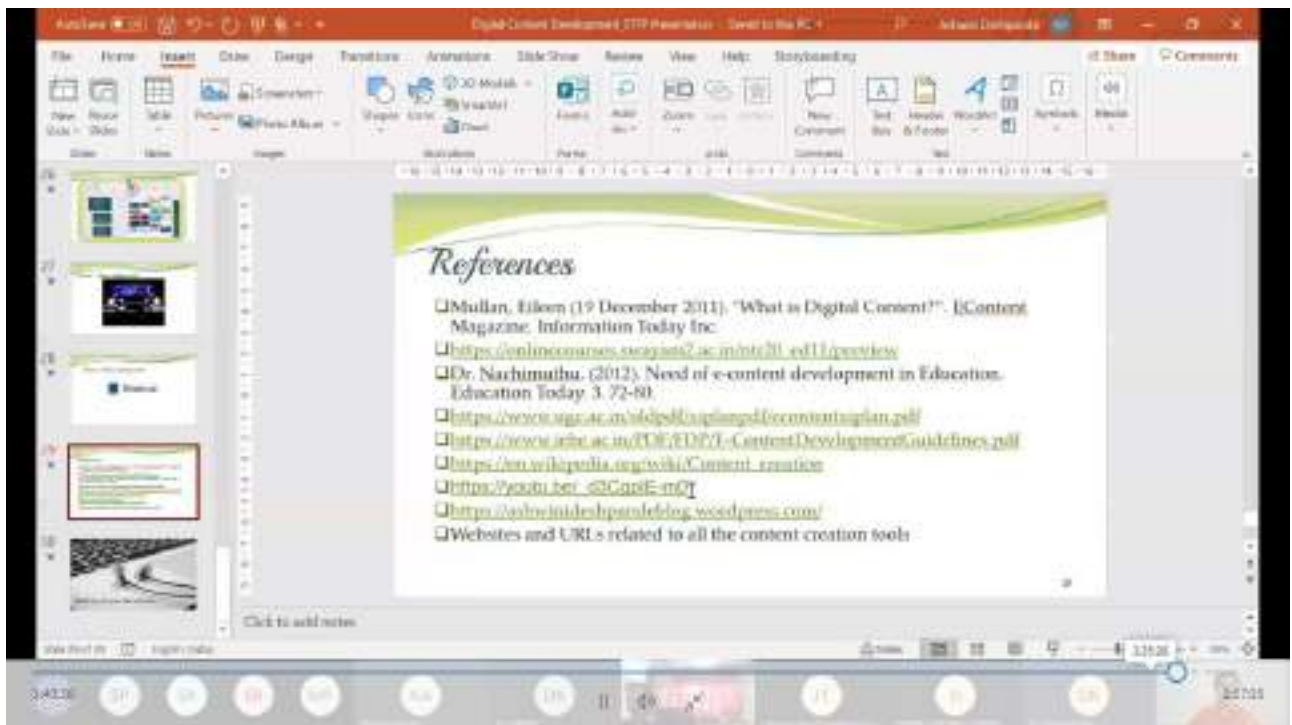
Photo 10: References for digital content development

Outcome of this Session;

Dr. Ashwini M. Deshpande session was an interactive discussion session to answer queries of participants and to provide more insights in digital content development with respect to various tools as well. All participants were very eager to know more about various methods available in e-content development. It is useful to upgrade the knowledge about the latest technology. Resource person explained every concept clearly with simple examples.

Vote of Thanks:

Participants appreciated chairperson and STTP coordinator for organizing digital content development session in AICTE funded STTP. Session ends with Vote of thanks, which was delivered by Dr. Yogesh S.Angal, STTP Coordinator.

Dr. Y.S.Angal
H.O.D.(E&TC)

Dr. T. K. Nagaraj
PRINCIPAL
Principal
S.P.M.'S Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune- 412207

Department of Electronics & Telecommunication Engineering
(NAAC Accredited)
A report on
Awareness on Intellectual Property Rights (IPR)

Event Name	National Level Program on "Awareness on Intellectual Property Rights (IPR)"
Centre	IETE Pune Center
Venue (College/Institute)	JSPM'S BhivarabaiSawant Institute of Technology, Wagholi, Pune
Date & Time	25/01/2022 Time: 2.30 pm to 4.30pm
Chief Guest	Dr R.D. Kharadkar . Chairman IETE Pune and Mr.PrateekHendre (Speaker), Examiner of Patents & design, Mumbai (India)
Topic of Chief Guest Speech & Highlights	Dr. Kharadkar: In his talk he shared about the strength of IETE forum and discussed about various activities carried out through IETE Pune section. He congratulated ISF team of JSPM's BSIOTR for arranging such innovative Program. Mr. Prateek Hendre speaker enlighten the detail process and importance of IP rights for any individual in India. He also showed through his wonderful ppts about the procedure to file a IP right as Trade mark, copyright or Patent.
Important dignitaries attended	Principal Dr.T.K.Nagaraj, Professors from Chattisgarh state, Madhya Pradesh, Tamilnadu and all over Maharashtra.
Brief Report including above information	**Objective of the Program:** 1. To create the awareness about IP rights among the society. 2. To make participants understand the procedure to claim their rights. 3. To impart knowledge about the cost of filling and the location of govt. offices and their rules for granting the rights. E&TC Department has organized a one day National level program on **"Awareness on Intellectual Property Rights (IPR)"** for students and faculty of all affiliated colleges of Maharashtra and other states. This program was organized under the banner of IETE student forum (ISF)/ Spring Lecture series of department and in association with Indian Patent and Trademarks office Mumbai and R&D cell of BSIOTR and ETSA. We got a huge response (323 Participants) from all over and the event was concluded with grand success. This event has created interest in participants and made them aware of their IP rights. As per the tradition the program started with remembrance of Goddess Saraswati. HOD(E&TC), Dr.Y.S.Angal Vice Chairman IETE Pune Centre, welcomed Chief Guest, all the dignitaries, Guest, Invitees and participants and

also elaborated about the objective of the program. He has given the brief overview of the activities that are carried out in the department. This Event is conducted by Electronics and Telecommunication department on Webex meeting Application. Chief Guest Dr R.D. Kharadkar. Chairman IETE Pune section congratulated the ISF for this initiative, Department and the Institute for organizing such informative and need of the hour program on IPR awareness. In his talk he shared about the strength of IETE forum and discussed about various activities carried out through IETE Pune section.

Mr. Prateek Hendre Chief guest and speaker then enlighten the detail process and importance of IP rights for any individual in India. He also showed through his wonderful ppts about the procedure to file a IP right as Trade mark, copyright or Patent. He explained in detail about different formats, cost and the time required for registering the IP rights. Thus, he shared a good knowledge with participants and made them aware about it. His session was simply marvelous and highly appreciated by participants.

Our Principal Dr. T. K. Nagaraj appreciated and congratulated Dr. Angal and the department for organizing such wonderful, knowledge sharing program.

The program has been concluded sharp at 4.30pm and the objective of the program has been achieved and is validated through feedback of participants at the time of valedictory function.

Photographs

Dr. Y.S.Angal
H.O.D. E&TC
Electronics & Telecommunication Dep'
Bhivarabai Sawant Institute of
Technology & Research
Wagholi. Pune-412207

Dr. T.K.Nagaraj
PRINCIPAL
Bhivarabai Sawant Institute Of Technology & Research
Wagholi, Pune- 412207.

Faculty Orientation Workshop on TE (E&TC)
Revised Syllabus (2019 COURSE)
Under the aegis of Board of Studies Electronics & Telecommunications, SPPU Pune

Subject: Sensors In Automation [304195(B]

Organized By

Department of Electronics and Telecommunication Engineering, Wagholi,Pune-412207
31st Jan 2022 to 02nd Feb 2022

Chief Patron
Hon. Dr.T.J.Sawant, Founder Secretary, JSPM and TSSM Group of Institutes, Pune
Dr. N. R.Karamalkar, Vice Chancellor, Savitribai Phule Pune University,Pune
Patron
Prof. Dr. Manohar Chaskar, Dean, Faculty of Science and Engineering, SPPU Pune
Prof. Dr.D.S.Bormane , Chairman, Board of Studies, SPPU,Pune
Principal BSIOTR
Dr. T.K. Nagaraj, Principal , Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune
Chairman
Dr. D.S. Bormane, Chairman, BOS [E&TC Engg.], SPPU, Pune
Over All Coordinators
Dr. S.L. Lahudkar, JSPM's Imperial College of Engg. & Research, Pune
Dr. D. G. Bhalke, Professor,AISSMSCOE, Pune
Coordinator:
Dr. Y.S. Angal, Professor and HOD(E&TC), Dept. of E&TC, BSIOTR ,Pune   Contact: +91-7057150817

Faculty Orientation Workshop(FOW) on TE (E&TC)
Revised Syllabus 2019(Course) FOW Schedule
Under the aegis of Board of Studies Electronics & Telecommunications SPPU
Organised by   JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi-Pune-412207
Elective -II
Subject: Sensors In Automation [Course Code 304195(B)]

Note: Program will start on Sharp Time: Join before 5-10 min
Online Platform: Microsoft Teams

| Day &Date	Time	Unit/Speaker/ Link
Monday 31st Jan 2022	09.30 am -10.30 am	Inauguration (Common)
	Session-I 10.30am -12.30 pm	**I :Introduction to Sensors &Transducers** Dr. Y. S. Angal, Prof and HOD(E&TC),BSIOTR, Pune Member BOS(Instrumentation), SPPU
	Session-II 01.30 pm – 3.30pm	**II : Sensors for Temperature and Humidity Measurement** Prof. Arvind Meshram Associate Professor,NDMVP KBTCOE, Nashik
Tuesday 01st Feb 2022	Session-III 10.00am -12.00 pm	**III-Sensors for Force, Pressure, Stress and Flow** Dr.Santosh P. Agnohotri, HOD(E&TC) *Ghokhale Education Society's,R.H. Sapat College of Engineering Managament Studies and Research, Nashik*
	Session-IV 01.30 pm - 3.30 pm	**Unit IV: Sensors for Displacement, Vibration, Acceleration and Level** Dr. Zakee Ahmed,*Associate Professor, Department of Artificial Intelligence and Data Science,CSMSS Chh. Shahu College of Engineering, Aurangabad*
Wedensday 2nd Feb 2022	Session-V 10.00am -12.00 pm	**V:Sensors in Environmental Studies, Bio Sensors** Dr.Y.S.Angal, Dr.S.P.Agnihotri, Dr.Zakee Ahmed
	Session-VI 01.30 pm - 3.30 pm	**VI:Latest trends in Sensors Applications** *Prof. Rahul Shimpi, Ghokhale Education Society's R.H. Sapat College of Engineering Managament Studies and Research, Nashik*

Link to Join
https://teams.microsoft.com/l/meetupjoin/19%3aWqbF5puoB66f9AXTltQWfeYDAnL86OnBBEM5808qs8M1%40thread.
tacv2/1643440600736?context=%7b%22Tid%22%3a%227daaa5d4-f9d2-4d5a-b1d9-
dc27cb1568d%22%2c%22Oid%22%3a%226ab9de39-ef59-4e86-bae9-a856c82140c8%22%7d

Dr. Y.S Angal   *Dr.T.K.Nagaraj*   *Dr. D.S. Bormane*
Coordinator, FOW   *Principal, BSIOTR*   *Convener, BOS Chairman*

Faculty Orientation Workshop(FOW) on TE (E&TC)
Revised Syllabus 2019(Course) FOW Schedule
Under the aegis of Board of Studies Electronics & Telecommunications SPPU
Organised by   JSPM's Bhivarabai Sawant Institute of Technology and Research,Wagholi-Pune-412207
Elective -II
Subject: Sensors In Automation [Course Code 304195(B)]

Note: Program will start on Sharp Time: Join before 5-10 min
Online Platform: Microsoft Teams

Practical No.s	Resource Person
4,8,11, 12,13	Dr. Zakee Ahmed, *Associate Professor, Department of Artificial Intelligence and Data Science,CSMSS Chh. Shahu College of Engineering, Aurangabad*
5,6	Prof. Rahul Deshmulh Transworld Technologies, Vimannagar, Pune
2	Dr.Santosh P. Agnohotri, HOD(E&TC), *Ghokhale Education Society's,R.H. Sapat College of Engineering Managament Studies and Research, Nashik*
1,9	Prof. Arvind Meshram Associate Professor,NDMVP KBTCOE, Nashik
10	*Prof. Rahul Shimpi, Ghokhale Education Society's R.H. Sapat College of Engineering Managament Studies and Research, Nashik*
3,7	Dr. Y. S. Angal, Prof and HOD(E&TC),BSIOTR, Pune, Member BOS(Instrumentation), SPPU

Link to Join
https://teams.microsoft.com/l/meetupjoin/19%3aWqbF5puoB66f9AXTltQWfeYDAnL86OnBBEM5808qs8M1%40thread.tacv2/1643440600736?context=%7b%22Tid%22%3a%227daaa5d4-f9d2-4d5a-b1d9-dc27cb1568d%22%2c%22Oid%22%3a%226ab9de39-ef59-4e86-bae9-a856c82140c8%22%7d

Dr. Y.S Angal   *Dr.T.K.Nagaraj*   *Dr. D.S. Bormane*
Coordinator, FOW   *Principal, BSIOTR*   *Convener, BOS Chairman*

3

Day 1 Session 1 Unit 1: Introduction to Sensors &Transducers Dr. Y.S.Angal

Day 1 Session 2: Sensors for Temperature and Humidity Measurement by Prof. Arvind Meshram

Day 1 Session 2: Sensors for Temperature and Humidity Measurement by Prof. Arvind Meshram
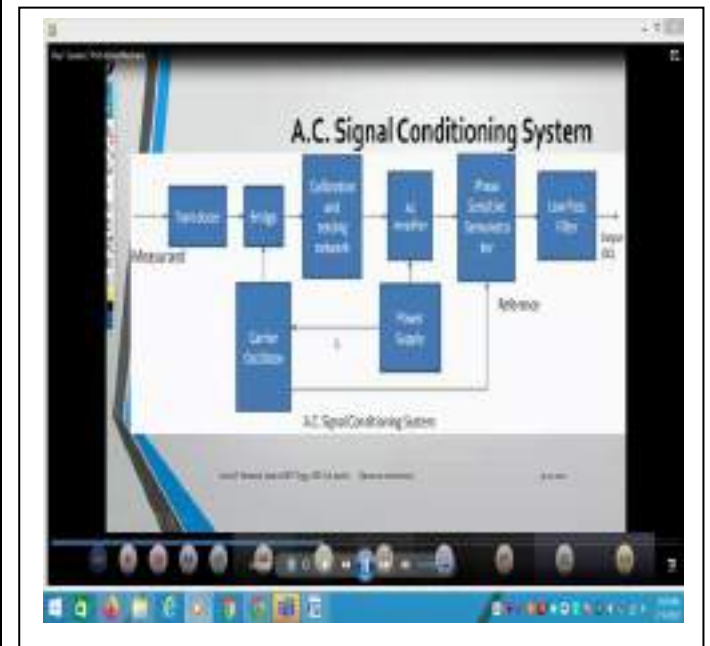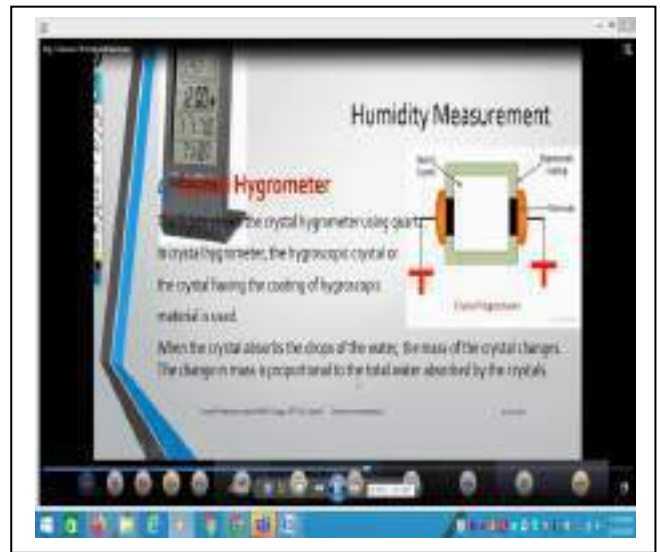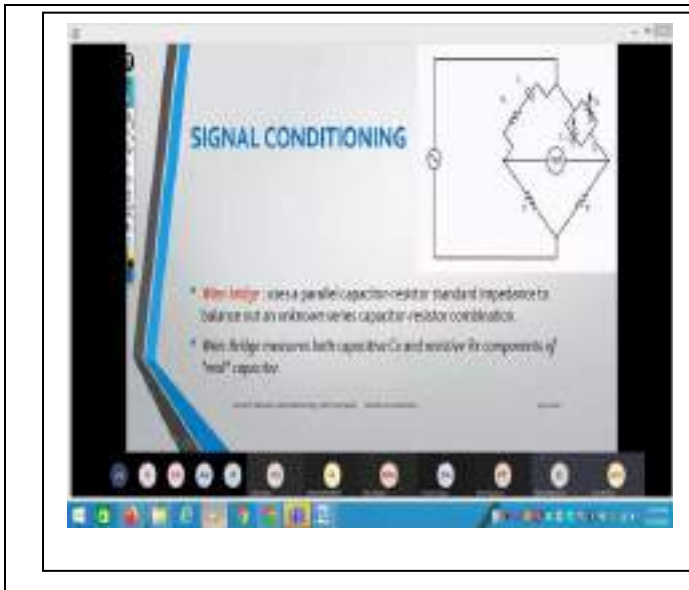
Day 2 Session-1 Unit III: Sensors for Force, Pressure, Stress and Flow, Dr.Santosh P. Agnohotri

Day 2 Session 2 Date: 01/02/2022 Unit IV: Sensors for Displacement, Vibration, Acceleration and Level by Dr. Zakee Ahmed
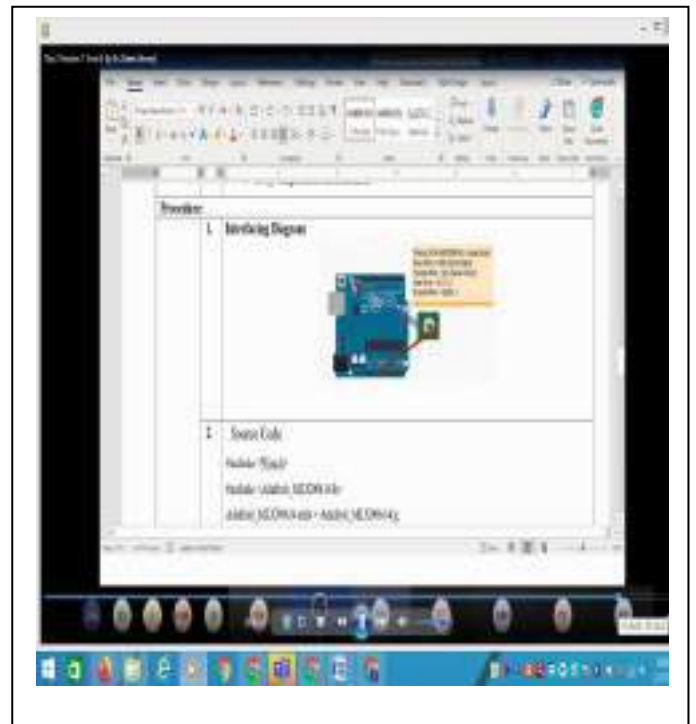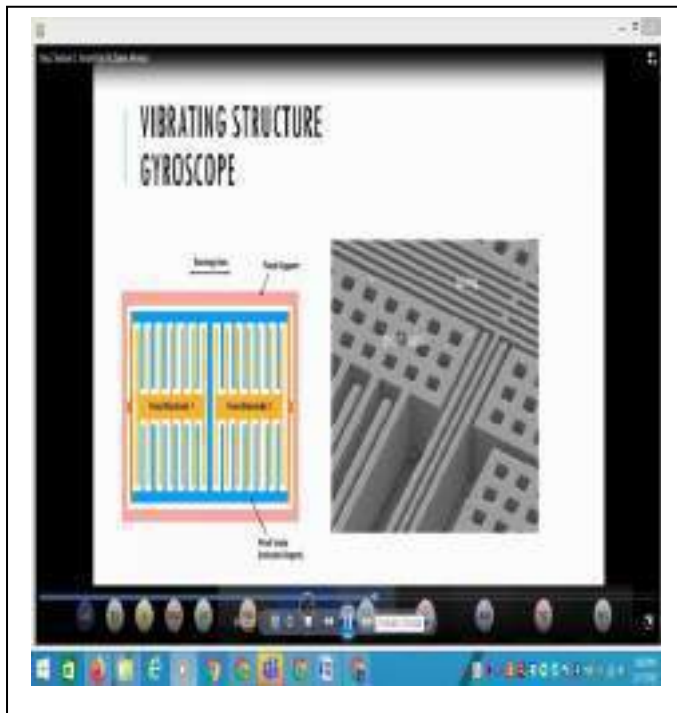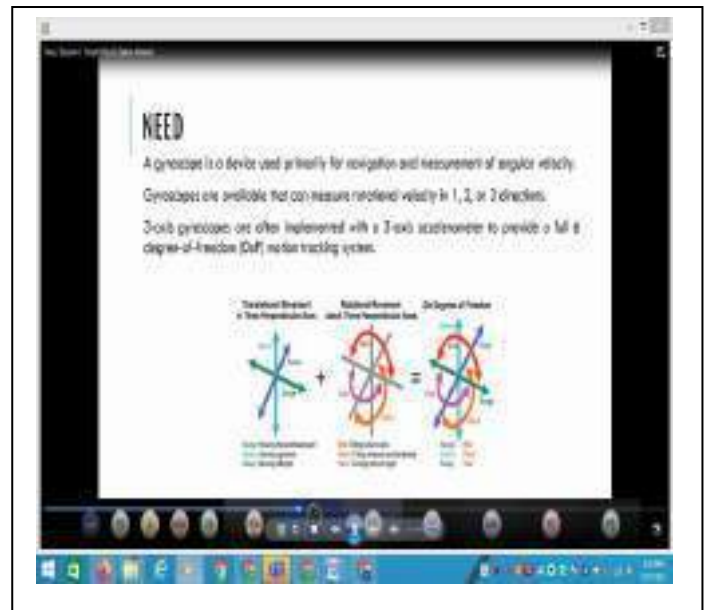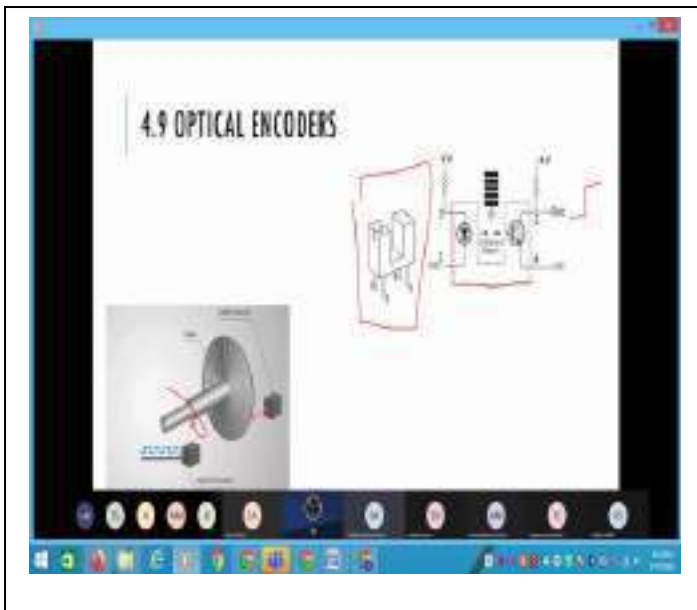
Day 3 Session-I :V:Sensors in Environmental Studies, Bio Sensors, Dr.Y.S.Angal, Dr.S.P.Agnihotri, Dr.Zakee Ahmed
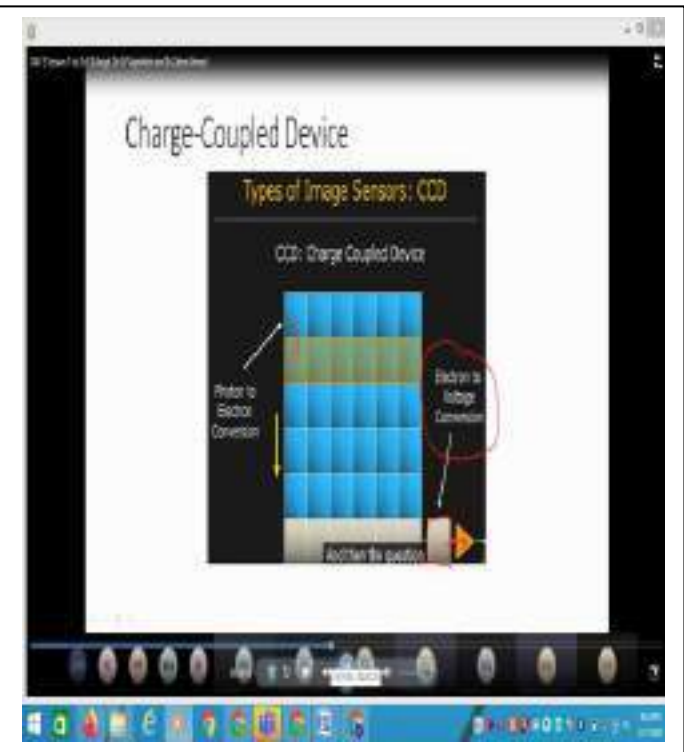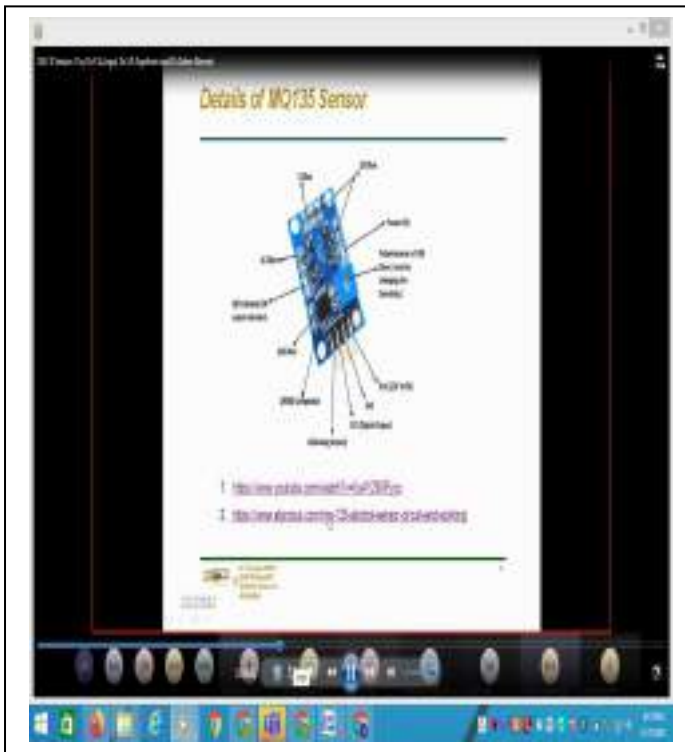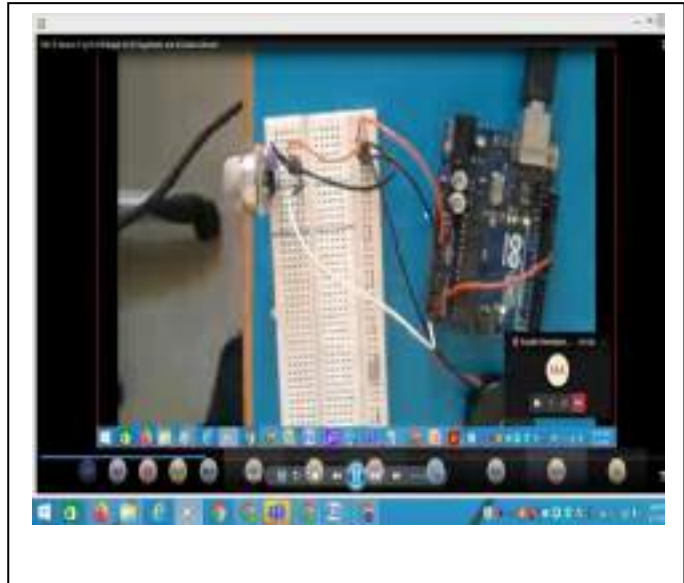
Contd. Day 3 Date: 02/02/2022 - Session-I :V:Sensors in Environmental Studies, Bio Sensors, Dr.Y.S.Angal, Dr.S.P.Agnihotri, Dr.Zakee Ahmed

DAY 3: Date 2/02/ 2022, Session-II: Latest Trends in   Sensors Application –Practical Guidance by Prof . Rahul Deshmukh

DAY 3: Date 02/02/2022, Session-II : Latest Trends in Sensors Application –Theory and PracticalS Guidance by Prof . Rahul   Shimpi
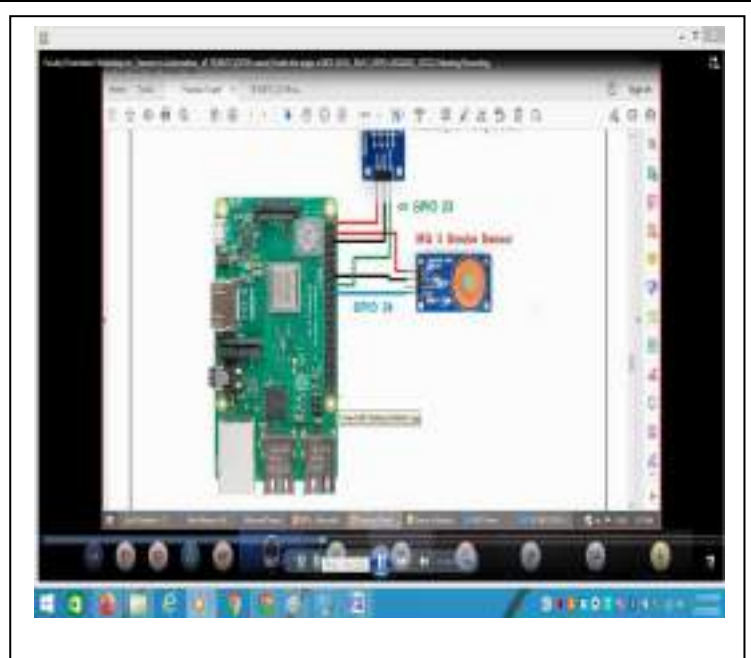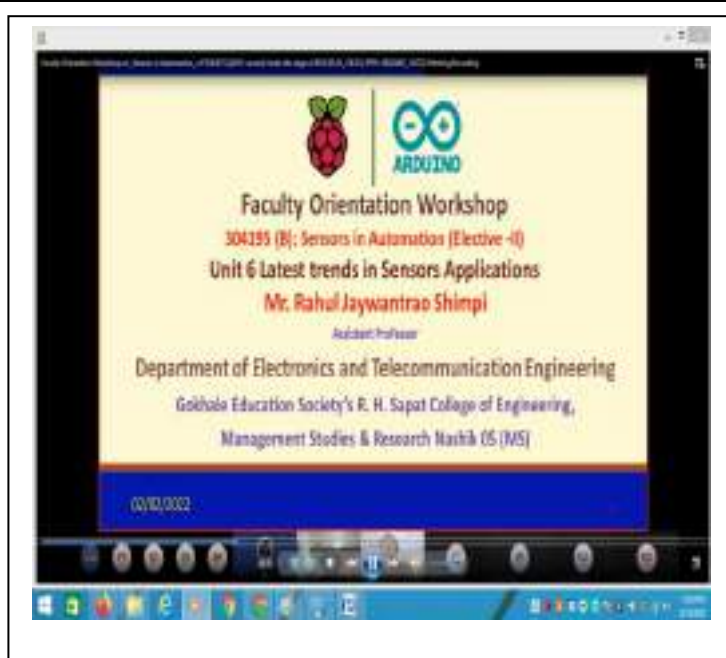
Some Screenshots of Valedictory Program of FOW on :Sensors in Automation" Date 02/02/2022.

	Resource Persons	
1		**Yogesh S. Angal** has completed his B.E. (Instrumentation), M.E. (Instrumentation) and Ph.D (Instrumentation). He has Completed Graduation, PG. and Ph.D in June 1996, July 2002 and March 2013 respectively from Shri Guru Gobind Singhji (S.G.G.S) Institute of Engineering and Technology, Vishnupuri, Nanded. His research topic of Ph.D. studies was "Speech Recognition: Study of Some Aspects and Developments of Algorithms" under the Guidance of Dr.R.H.Chile and Dr. R. S. Holambe.

His areas of Interest includes   Digital Signal Processing, Speech Processing, Mechatronics, IOT, Automation and Control Systems. He has published around 81   papers in various National and International Conferences and Journals. Google Citation Index : 93, H-Index-7, I10- Index-4. He had attended more than   70 Workshops, FDP's, STTP's, AICTE Funded Seminars.

He had represented   SPPU   at State Level in AVISHKAR-2012. He is Involved in AVISHKAR activity of SPPU since last 10 Years and also working as Academic and Research Coordinator of the Institute.

He had received grants of about Rs. 20 Lakhs for R&D, Seminars and Workshop from AICTE, Savitribai Phule Pune University and other funding agencies till date. He is Co-author of 3 books of Mechatronics. He is invited as resource person around 56 places all around in India.

He is a Chartered Engineer (Institute of Engineers, India), Member of Institute of Engineers (India), Life Member of Instrument Society of India. He is Vice Chairman of IETE Pune Center. He Worked   as   Coordinator/ Convener for various State Level and National Level Workshops and Conferences.   He worked as a resource person and Session Chair for various State Level, National and International Level Seminars, Workshops and Conferences and Faculty Development Programs(FDP's) .

He is presently working as Professor and Head of Electronics and Telecommunication Engineering Department and Dean R&D at JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune - 412 207.   He is elected as member Board of Studies (BoS) faculty of Science and Technology in Instrumentation Engineering of Savitribai Phule Pune University, Pune from 23/1/2018. He is also working as EC member and Vice Chairman of IETE Pune Centre.

He is recognized Ph.D Guide in Electronics and Telecommunication Engineering of Savitribai Phule Pune University, Pune.

2		**Mr. Arvind P. Meshram** graduated from Manoharbhai Patel Institute of Technology, Gondia, Nagpur University Nagpur in Electronics Engineering and Post Graduate from Government College of Engineering, Aurangabad, Dr. Babasaheb Ambedkar University, Aurangabad in Electronics Engineering. Currently pursuing Ph.D. in "Text-to-Speech Synthesizer for Natural Pronunciation Devnagari (Marathi) Language using prosody Model."from Nagpur University, Nagpur

Presently he is working as an Associate Professor at Department of Electronics & Telecommunication Engineering,Maratha Vidya Prasarak Samaj's KBT College of Engineering, Nashik (Maharashtra) since 2007.
He had an experience of One Year at IT Zone, MSEB Nashik and 23 Years of Teaching Experience Since 1999
He had a Membership of Professional Institutions like ISTE (Life Member), IETE, IACSIT. He is a Co-author of two books. He had published 15 Papers and attended 40+ Seminar, Workshop and STTPs. He had worked on various committees at University and College levels. His area of interest are automation, mechatronics and TTS.
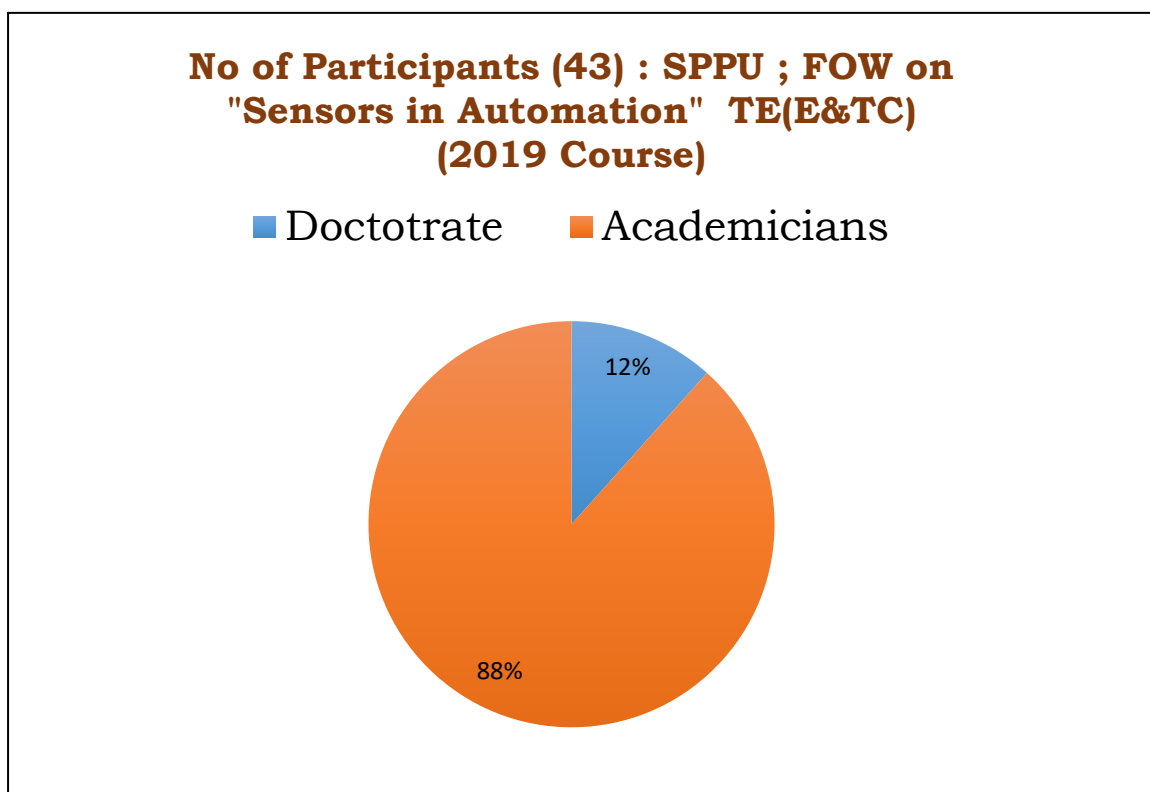
3		Dr.Santosh P. Agnihotri Completed BE from Govt. College of Engineering Pune (COEP Pune) in the year 2000 and M.Tech in Instrumentation Engineering SGGS Nanded in the year 2018 under the field of control system, he has completed PhD from SGGS Nanded Working as a Head and Associate professor in department of Electronics and Telecommunication Engineering of Gokhale Education Society's R H Sapat College of Engineering Nashik Industrial Automation, Artificial Intelligent, Power Electronics and Mechatronics are few area of interest

4		Dr. Zakee Ahmed completed his PhD and M-Tech from National Institute of Electronics & Information Technology (NIELIT),(erstwhile DOEACC Society), an Autonomous Scientific Society, under the admin of Ministry of Electronics & Information Technology (MoE&IT), Government of India, has Twelve years of experience in Engineering Education, Research and as Industry Project Consultant. His area of expertise is in Wireless Communication, Mechatronics, and IoT. He is presently designated as an Associate professor in the Department of Artificial Intelligence and Data Science, CSMSS Chh Shahu College of Engineering Aurangabad. Previously he was associated with Pune Institute of Computer Technology and Bharati Vidyapeeth Deemed University College of Engineering Pune

He has Research Contribution with 18 research papers, one book, and one patent. He is a trained Faculty member from eminent organizations including IITB Mumbai, Wipro Technologies, and National Instruments. He has accomplished 3 Industry consultancy projects. He acted as a resource person for more than 25 FDP/STTP/SPPU orientation programs, for students/faculty/industry personnel at more than 8 Different Engineering Colleges.

5		**Mr. Rahul Jaywantrao Shimpi** is working as an Assistant Professor in Electronics and Telecommunication Engineering at Gokhale Education Society's R H Sapat College of Engineering, Management Studies & Research, Nashik. He has done Master of Engineering (M.E.) in Electronics from Jawaharlal Nehru College of Engineering, Dr.Babasaheb Ambedkar Marathwada University, Aurangabad (MS), India.He has done Bachelor of Engineering in Electronics and Communication Engineering, SSVPS BSD College of Engineering, Dhule, North Maharashtra University, (MS) India. He has teaching experience of 13 years. He has 1 Indian patents on his name

He has organized and conducted Hands on trainings on Internet of Things, Arduino, Microcontrollers for the Students and Staff of adjoin colleges. He has received Best Paper Award in International Conference technically sponsored by IEEE & CSI & paper published on IEEE Xplore entitled "Economical Home Automation System utilizing TV Remote (EHAS)". His papers are published in reputed Journals and in International conferences& National conferences.He is reviewer of Journal of The Institution of Engineers (India): Series B (IEIB) (Springer). He has participated in Syllabus setting at SPPU University. His area of interest is in Internet of Things, Wireless Sensor Network, Embedded Systems and
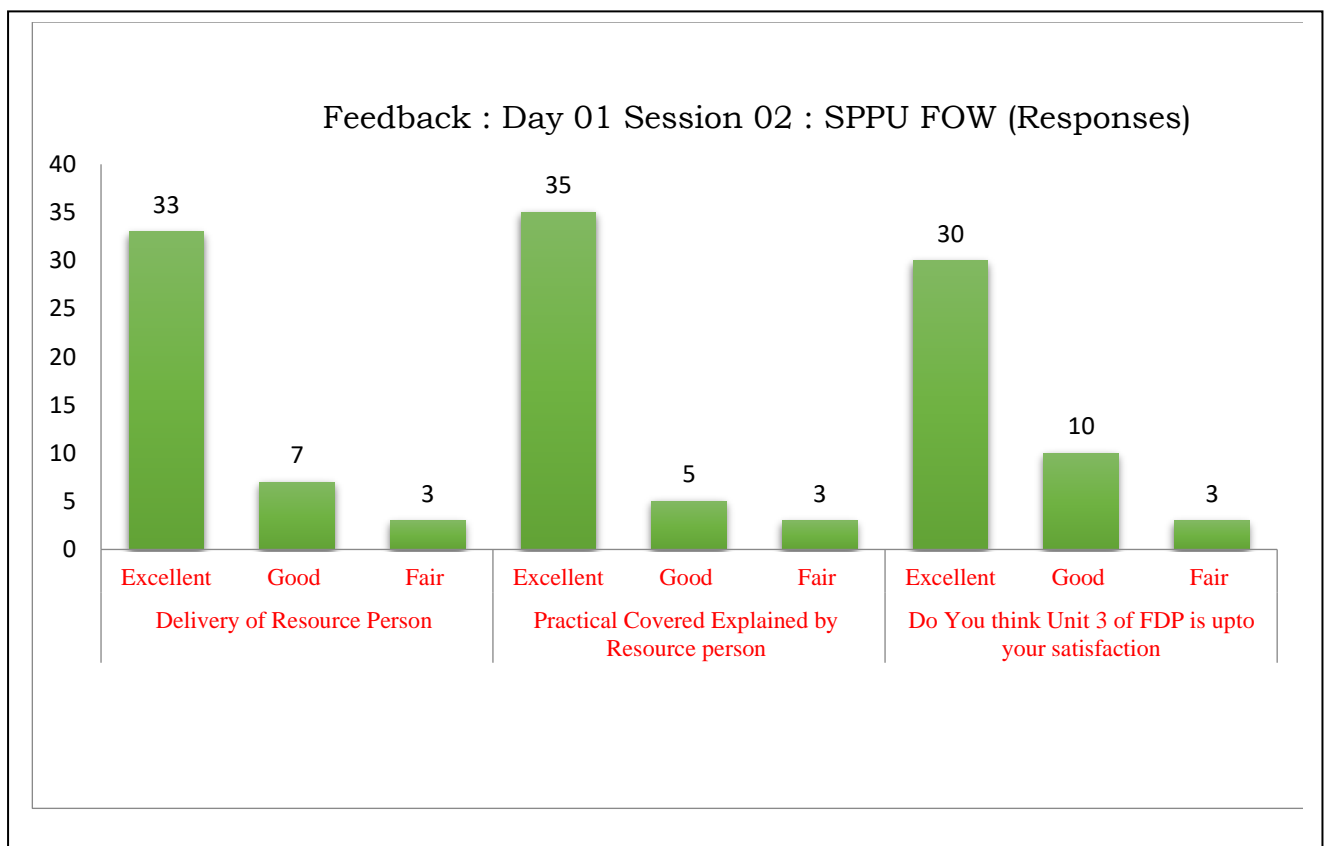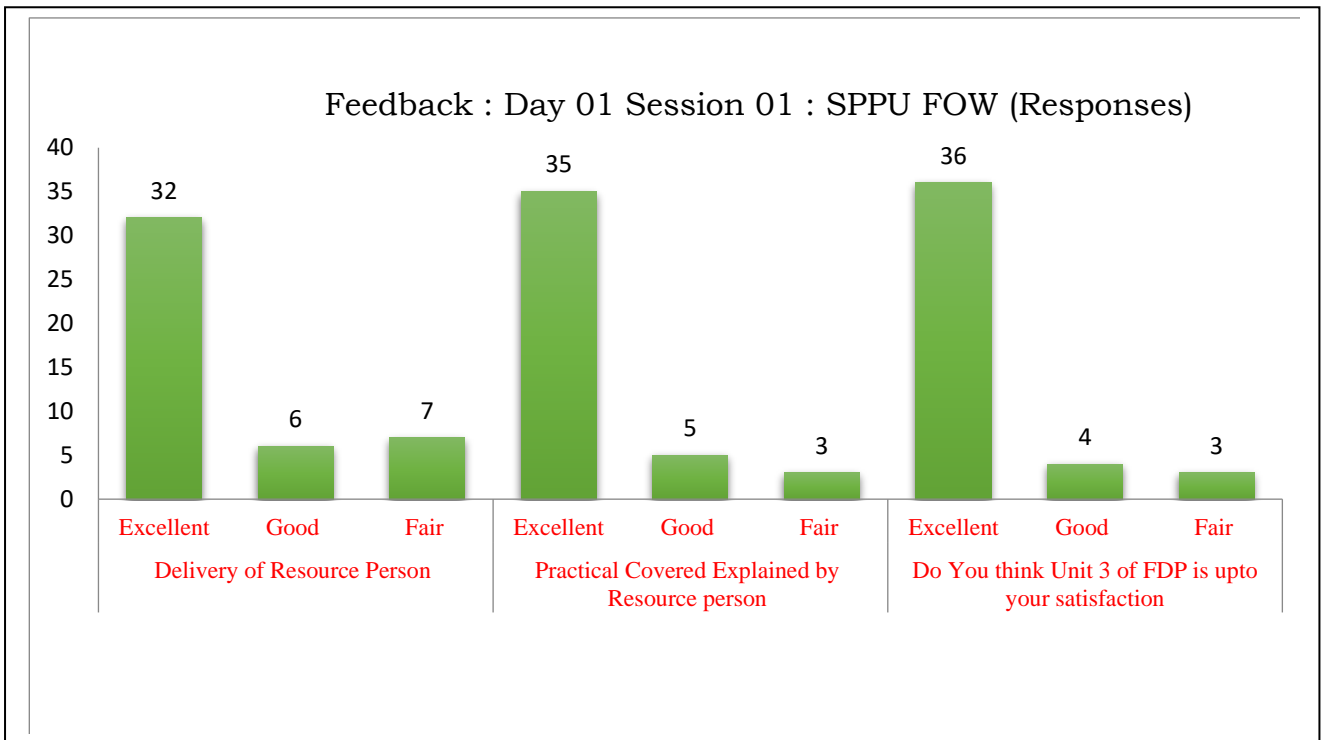
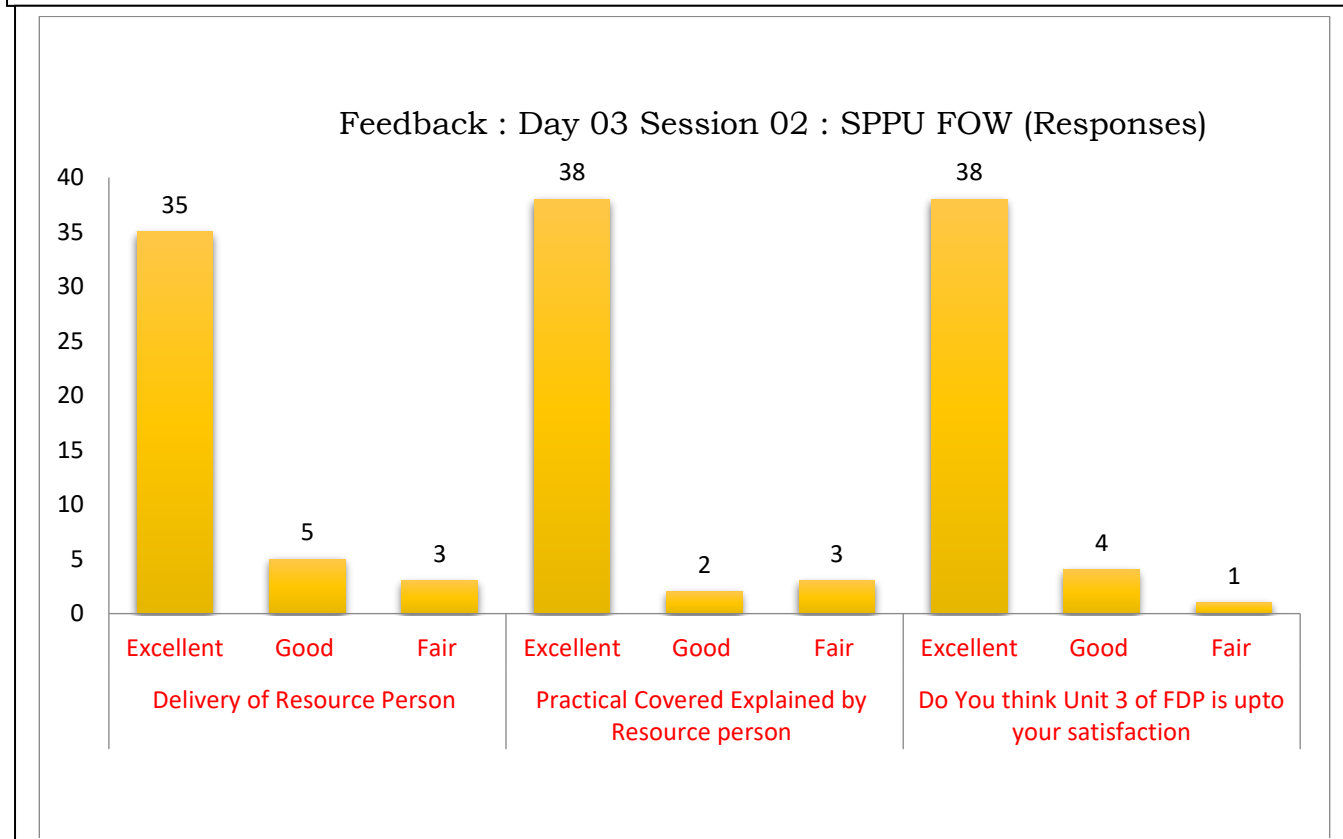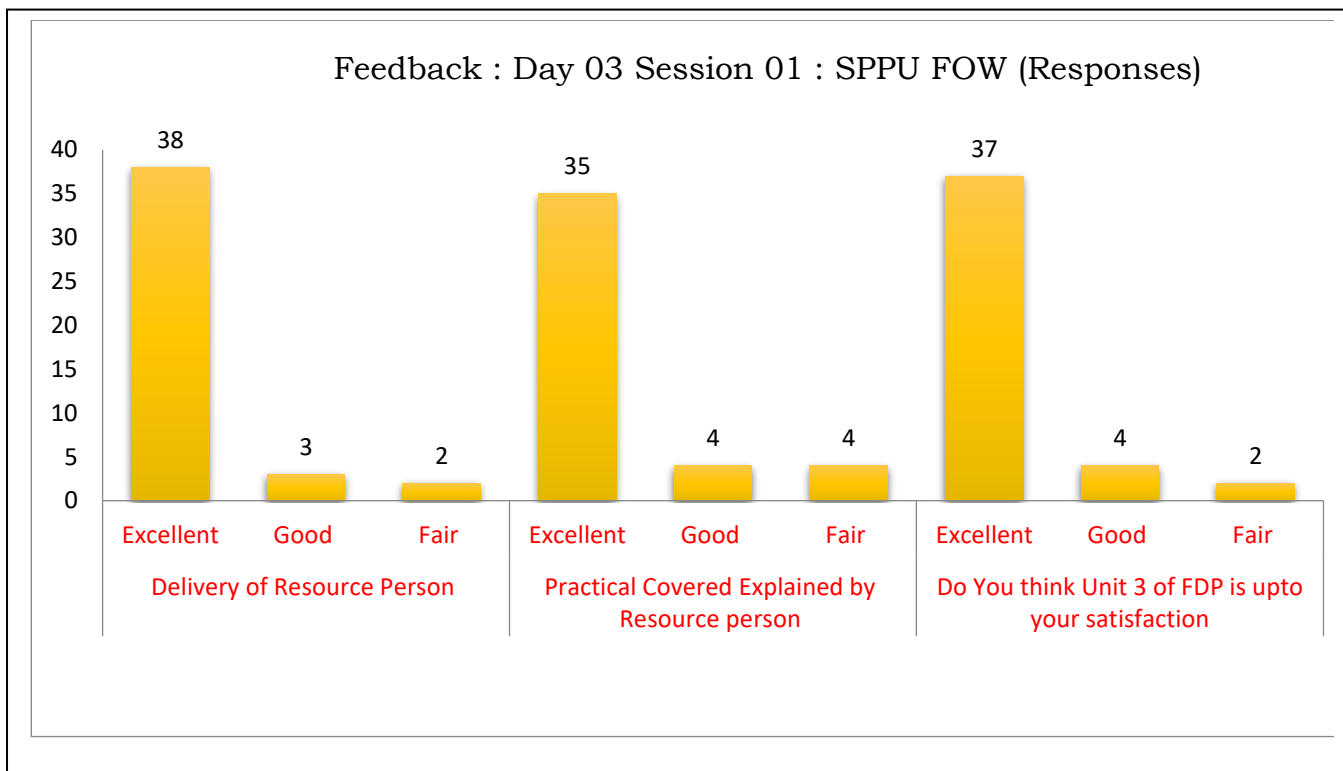|		Microcontrollers. He is a member of IEI, Life Member of ISTE.
6		**Mr Rahul N Deshmukh** working as Embedded Manager at Transworld Technlogies Pune. More than 6 years Academia and 5 years of Industrial experience. Area of expertise mainly focuses on domain -Industrial Automation, Mechatronics, Cloud Computing, IoT and Robotics. Worked with Legarnd India Pvt Ltd, Suzlon Energy Ltd and VIP Industries Ltd. **Project Deveopment**:- Developed various projects like - PLC based hygienic pani-puri vending machine , Car washing unit using siemens plc, PLC based friability tester for pharmaceutical industry, Pharmaceutical tap density meter converted to automate one using siemens logo plc, Automatic water bottle filling and capping using allen bradley micrologix plc, fire detection and automated hydrant system using siemens logo plc etc
	Lab Development :-Network Analysis kits development for Electrical dept, Microprocessor Kits Development for E&TC dept, PLC Trainer kit for E&TC department as per revised syllabus Mechatronics Lab development for various colleges, Development of Sanitary Napkin	

No of Participants (43) : SPPU ; FOW on "Sensors in Automation" TE(E&TC) (2019 Course)

■ Doctotrate ■ Academicians

12%

88%

Report on   Faculty Orientation Workshop on   Subject "Sensors In Automation", TE(E&TC)(2019 Course)

Feedback : Day 01 Session 01 : SPPU FOW (Responses)

	Excellent	Good	Fair
Delivery of Resource Person	32	6	7
Practical Covered Explained by Resource person	35	5	3
Do You think Unit 3 of FDP is upto your satisfaction	36	4	3

Feedback : Day 01 Session 02 : SPPU FOW (Responses)

	Excellent	Good	Fair
Delivery of Resource Person	33	7	3
Practical Covered Explained by Resource person	35	5	3
Do You think Unit 3 of FDP is upto your satisfaction	30	10	3

Feedback : Day 02 Session 01 : SPPU FOW (Responses)

Feedback : Day 02 Session 02 : SPPU FOW (Responses)

Feedback : Day 03 Session 01 : SPPU FOW (Responses)

	Excellent	Good	Fair
Delivery of Resource Person	38	3	2
Practical Covered Explained by Resource person	35	4	4
Do You think Unit 3 of FDP is upto your satisfaction	37	4	2

Feedback : Day 03 Session 02 : SPPU FOW (Responses)

	Excellent	Good	Fair
Delivery of Resource Person	35	5	3
Practical Covered Explained by Resource person	38	2	3
Do You think Unit 3 of FDP is upto your satisfaction	38	4	1

We are thankful to Dr. D. S. Bormane, Chairman, BOS(E&TC/ELEX), SPPU   for permitting us to host Faculty Orientation Workshop (FOW) at out Institute . We are very much thankful to all Participants and Resource persons for sparing their time for successful conduction of workshop. We are also thankful to Management JSPM Group of Institutes, Pune for their constant support for conduction of such technical events in our Institute

Dr.Y.S.ANGAL
COORDINATOR
HOD(E&TC)BSIOTR

Dr.T.K.NAGARAJ
PRINCIPAL

Online Faculty Orientation Workshop(FOW) on BE (E&TC)
Revised Syllabus (2019Course) FOW Schedule
Under the aegis of Board of Studies Electronics & Telecommunications SPPU
Organised by JSPM's Bhivarabai Sawant Institute of Technology and Research,Wagholi-Pune-412207
Elective –III from 14/07/2022 to 16/07/2021
Subject: PLC, SCADA AND AUTOMATION [Course Code]

Note: Program will start on Sharp Time: Join before 5-10 min
Online Platform: Microsoft Teams

Day &Date	Time	Unit/Speaker/ Link
Thursday 14th July 2022	10.00am -10.30 am	Inauguration (Common)
	Session-I 10.30am -12.30 pm	**Unit I : Elements of Process Control Automation** Dr. Y. S. Angal, Prof and HOD(E&TC),BSIOTR, Pune Member BOS(Instrumentation), SPPU JSPM's Bhivarabai Sawant Institute of Technology and Research,Wagholi,Pune-412207
	Session-II 01.30 pm - 3.30 pm	**Unit IV: Supervisory Control and Data Acquisition Systems(SCADA)** Dr. Vijay M Sardar Jayawantrao Sawant College of Engineering, Hadapser,Pune
	Session-III 3.45 pm -5.30pm	**Unit V: Distributed Control Systems(DCS)** Dr. Kailas S Holkar K.K.Wagh Institute of Engineering Education and Research, Nashik
Friday 15th July 2022	Session-IV 10.30 pm – 12.30pm	**Unit II : Fundamentals of PLC** (Includes Discussion on Practicals also) Prof. Manoj Mechkul SNJB's Late Sau Kantilal Bhavarlalaji Jain College of Engineering, Chandwad
	Session-V 1.30am -03.30 pm	**Unit III- Programming of Programmable Logic Controllers(** Includes Discussion on Practicals also) Dr.Santosh P. Agnohotri, HOD(E&TC) *Ghokhale Education Society's,R.H. Sapat College of Engineering Managament Studies and Research, Nashik*
	Session-VI 3.30pm to 4.30pm	**Discussion on Practicals by Prof.T.V.Kafare** JSPM's Bhivarabai Sawant Institute of Technology and Research,Wagholi,Pune-412207

16th July2022	Session-VII 10.00 am - 12.00 Hrs	**VI: CNC Machines and Industrial Protocols** *Prof. Arvind P. Meshram* *MVPS's KBTCOE, Nashik*
	12.00Hrs to 12.30Hrs	**Valedictory Program**

Link to Join

https://teams.microsoft.com/l/meetup-join/19%3ameeting_MDEyZDM3ZGUtZTJiMy00YWE3LTgzM2QtODhkNGUyZmIyOTU0%40thread.v2/0?context=%7b%22Tid%22%3a%227daaa5d4-f9d2-4d5a-b1d9-6dc27cb1568d%22%2c%22Oid%22%3a%226ab9de39-ef59-4e86-bae9-a856c82140c8%22%7d

Dr. Y.S Angal
Coordinator, FOW

Dr.T.K.Nagaraj
Principal, BSIOTR

Dr. D.S. Bormane
Convener, BOS Chairman

Covers Following Points:

- **CO1:** Understand and Recognize Industrial Control Problems

Dr.Y.S.Angal Covers following Points:

Process control principles, Control System Evaluation, Analog control, Digital control, Architecture of Industrial Automation Systems(Automation Pyramid), Advantages and limitations of Automation, Concept and Need of transmitters, Standardization of signals, Current, Voltage and Pneumatic signal standards, 2-Wire & 3-Wire transmitters, Concept of VFD, Energy conservation schemes through VFD.

Unit IV -Supervisory Control and Data Acquisition Systems (SCADA)

CO-4: Explore and interpret functionality of SCADA

Topic Covered: Concept of SCADA, Architecture of SCADA, Components of SCADA Systems, MTU-functions of MTU, RTU- Functions of RTU, Directly interact with devices such as sensors, valves, pumps, motors, and more through human-machine interface (HMI) software. Working of   SCADA, Applications of SCADA in Industrial Automation like   Oil and gas, Power etc.
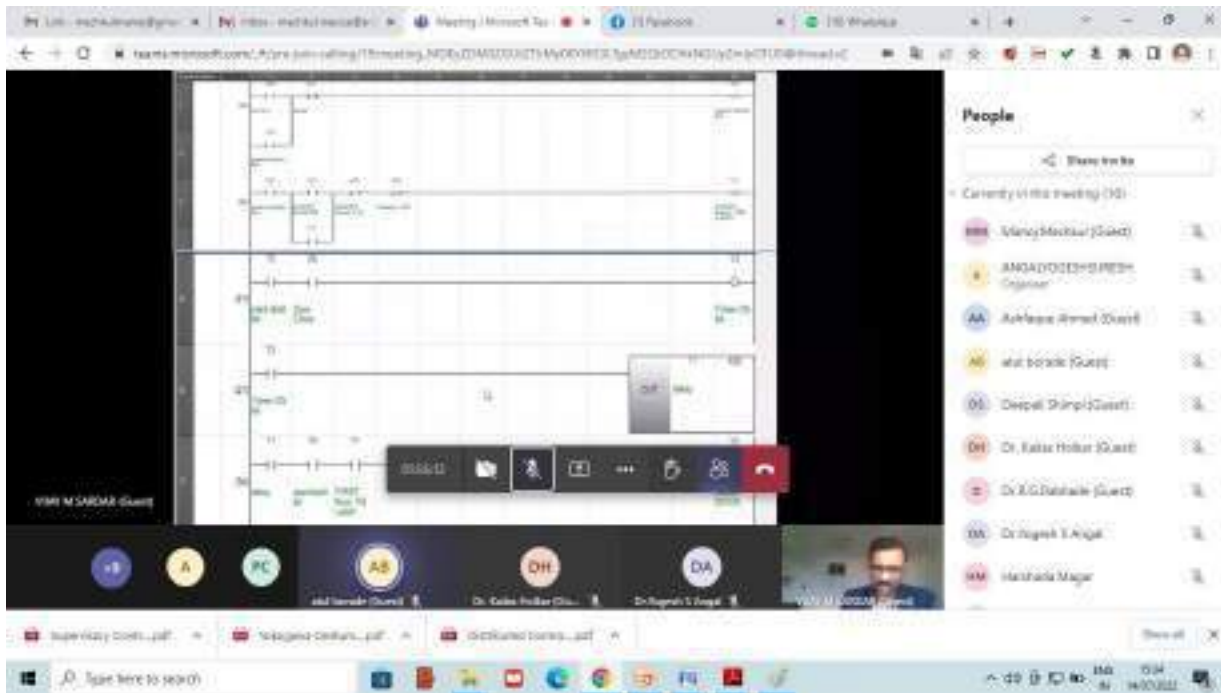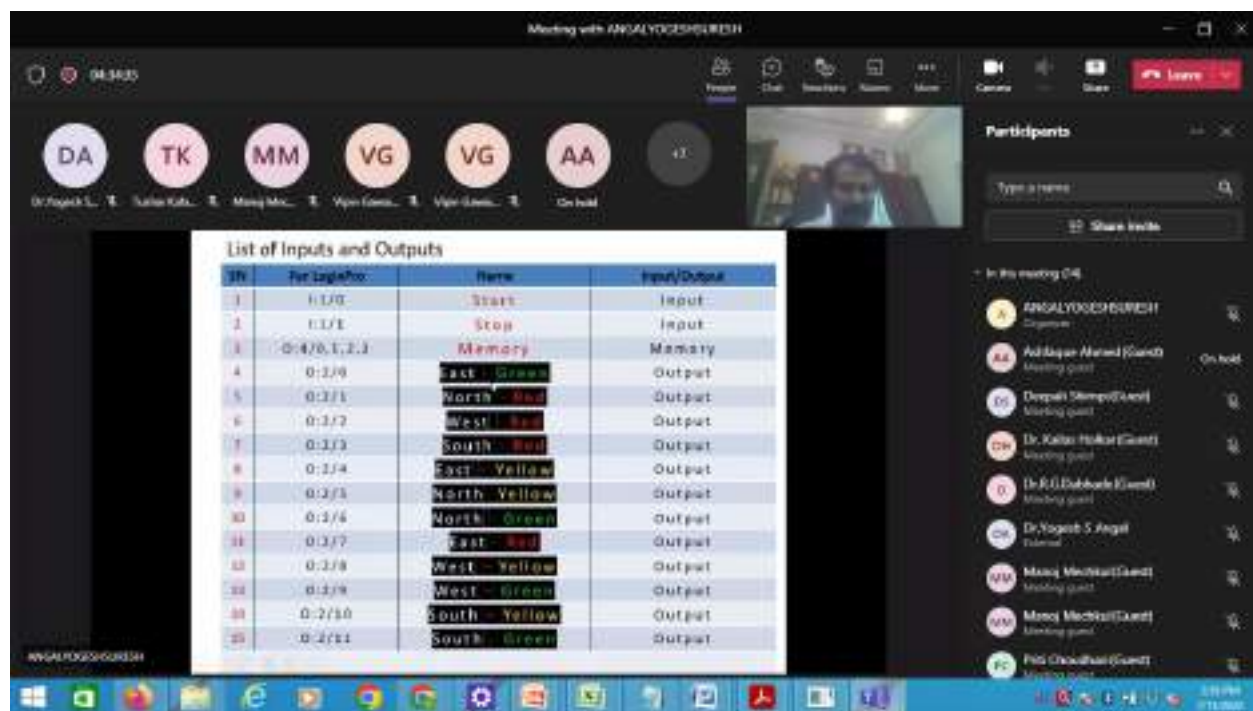
Thurday Day 1-Date 14/07/2022 Session 3: 03.30Pm to 05.30 Hrs	
Resource Person	Dr. Kailas S Holkar K.K.Wagh Institute of Engineering Education and Research, Nashik

Unit V: Distributed Control Systems(DCS)

CO-5 Identify and interpret the functionality of DCS.

Discussed following Points

Basic Concept of DCS, History and Hierarchy of DCS, Basic Componenents of DCS as Operator Station, Control Module, and I/O module , Types of DCS, Need of DCS, Functions of each level, Advantages and Disadvantages, Applications of DCS such as Water Treatment Plant, Comparison of PLC, DCS and SCADA

Thurday Day 1-Date 15/07/2022 Session 1: 10.30Pm to 12.30 Hrs	
Resource Person	**Unit II : Fundamentals of PLC** (Includes Discussion on Practicals also) Prof. Manoj Mechkul SNJB's Late Sau Kantilal Bhavarlalaji Jain College of Engineering, Chandwad

CO2: Concept of PLC's and Its Importance in Industrial Automation

Architecture of PLC- Types of PLC's, Applications of PLC's, PC v/s PLC, Different Modules, Power Supply Unit Etc, Need of PLC, Different Types of Sensors- Sinking, Sourcing. Operation and function. Monitoring of   Process through Sensors- Connection Details. Analog Addressing, continuous Process Monitoring and Control.
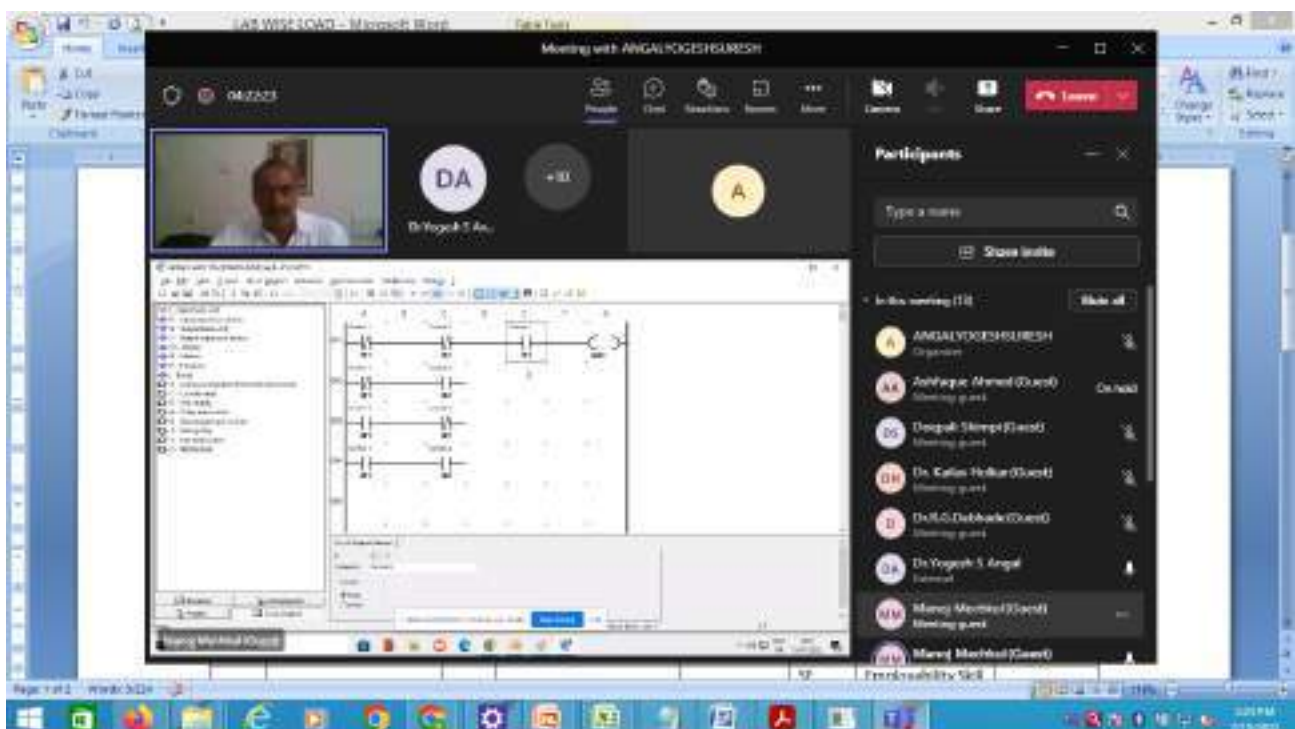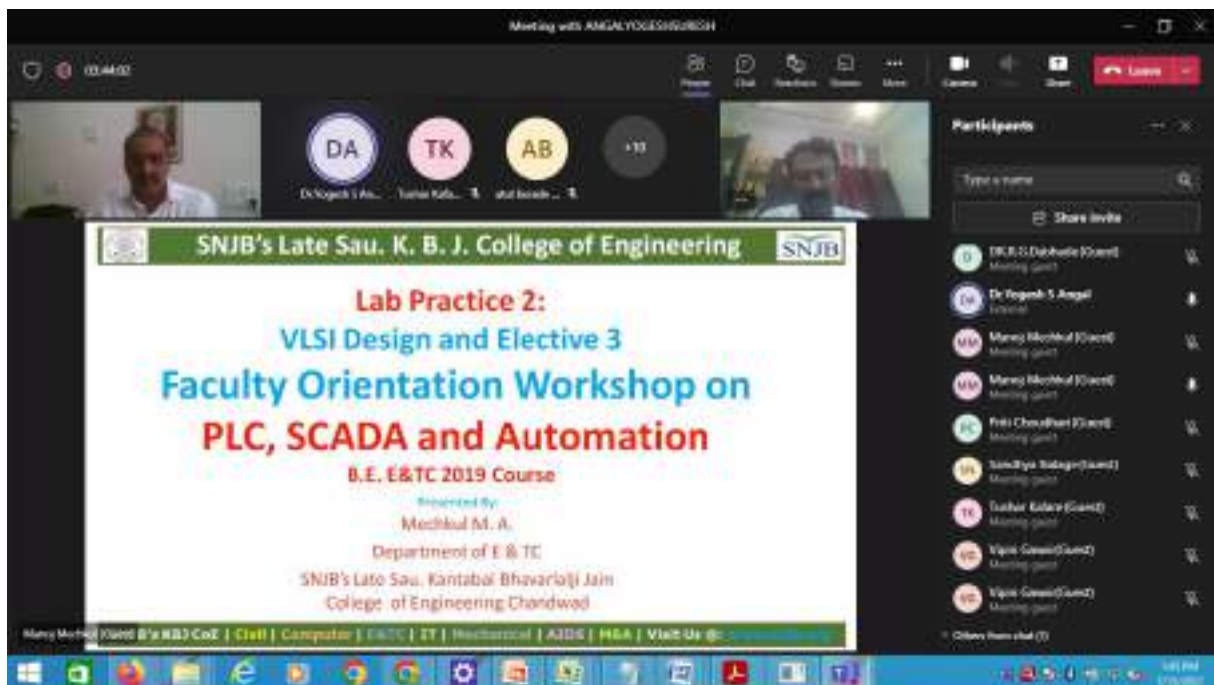
Resource Person	Unit III- **Programming of Programmable Logic Controllers(** Includes Discussion on Practicals also) Dr.Santosh P. Agnohotri, HOD(E&TC) *Ghokhale Education Society's,R.H. Sapat College of Engineering Managament Studies and Research, Nashik*

CO-3 Develop Ladder Programming in PLC and PLC Interface in real time applications

PLC programming, NO/ NC Concept, Ladder diagram: of logic gates, arithmetic instructions, multiplexer, Ladder diagram for different logical conditions or logical equations or truth table. Timers: types of timer, Characteristics, Function of timer in PLC, Classification of a PLC timer, Ladder diagram using timer, PLC counter, Ladder diagram using counter. PLC Programming of Branded PLCs. Concept of P,PI,PD,PID w.r.t. PLC, Data File Handling- Forcing I/O.
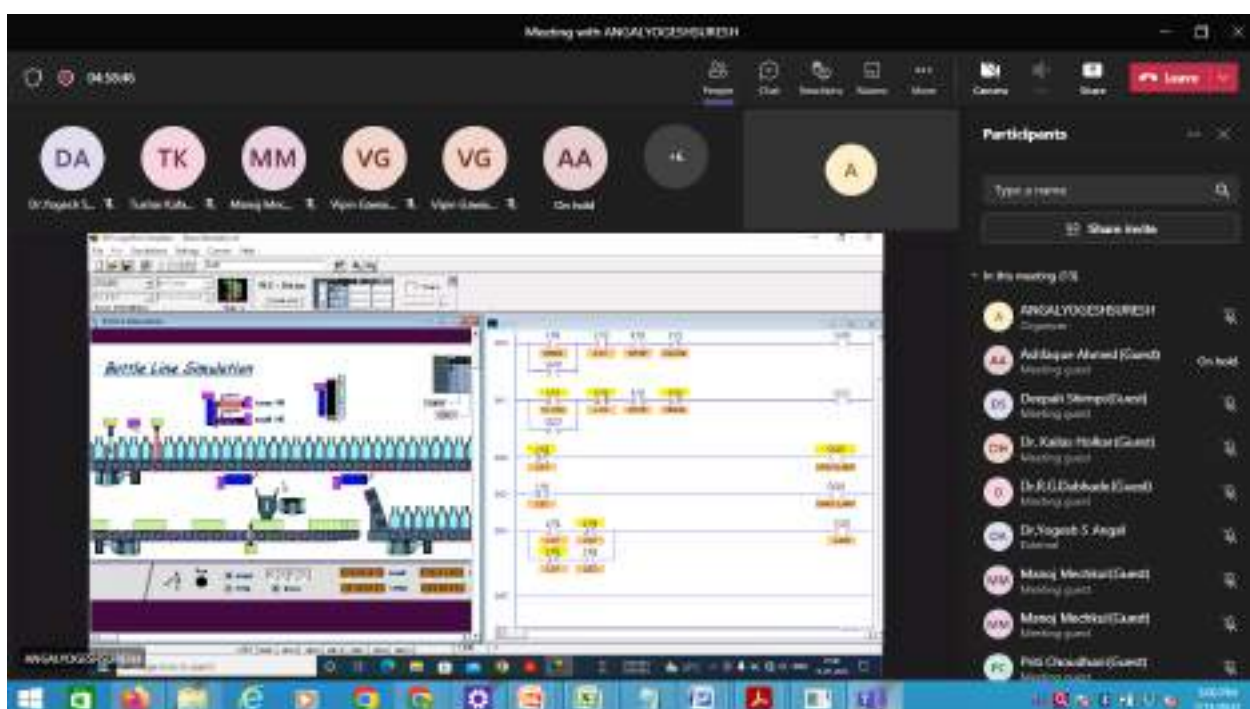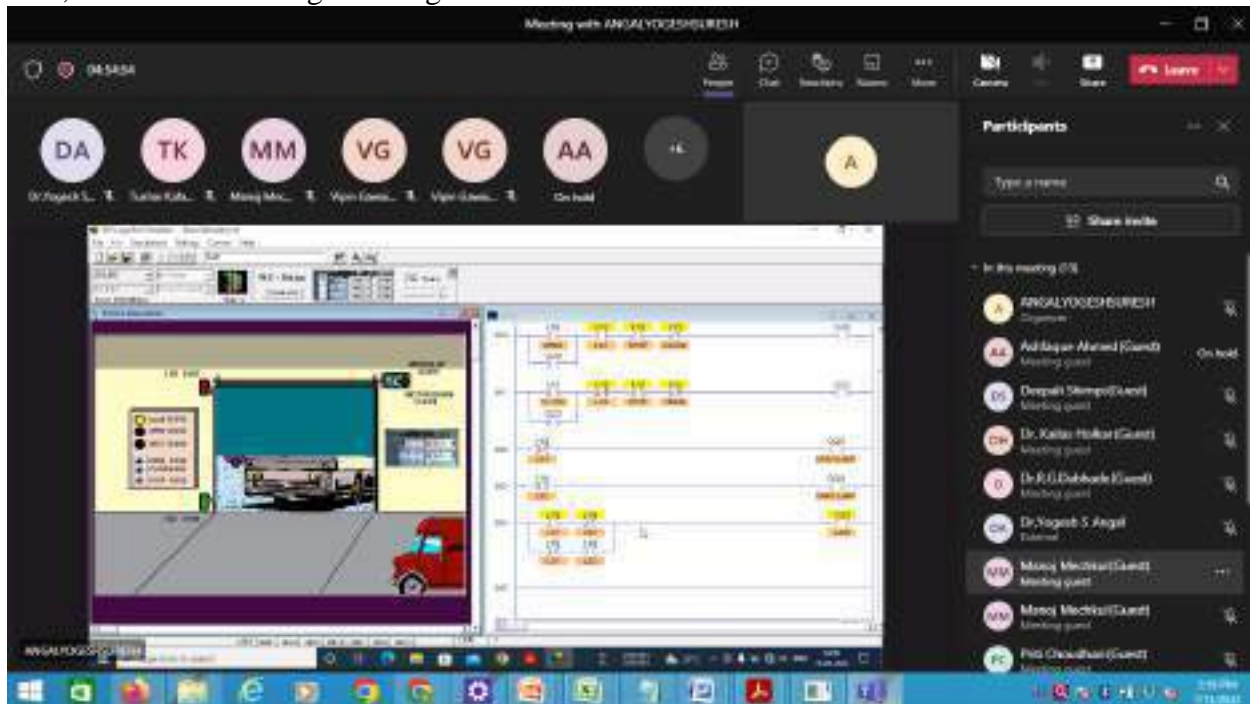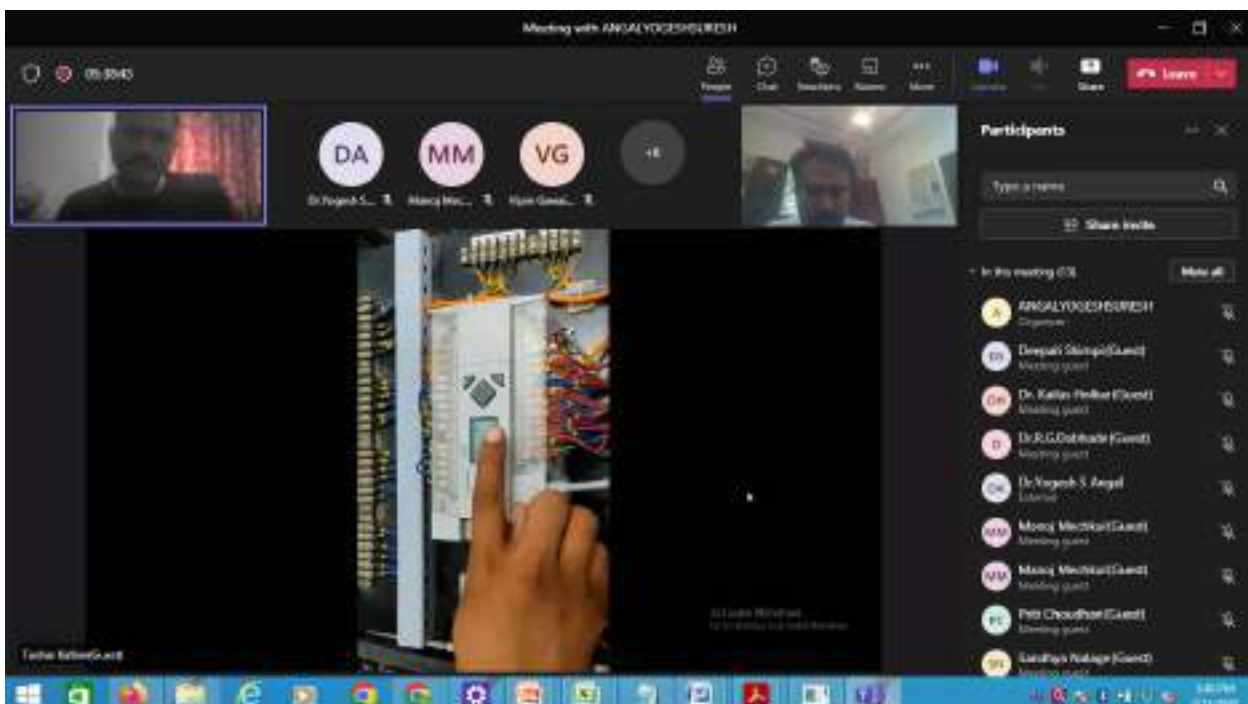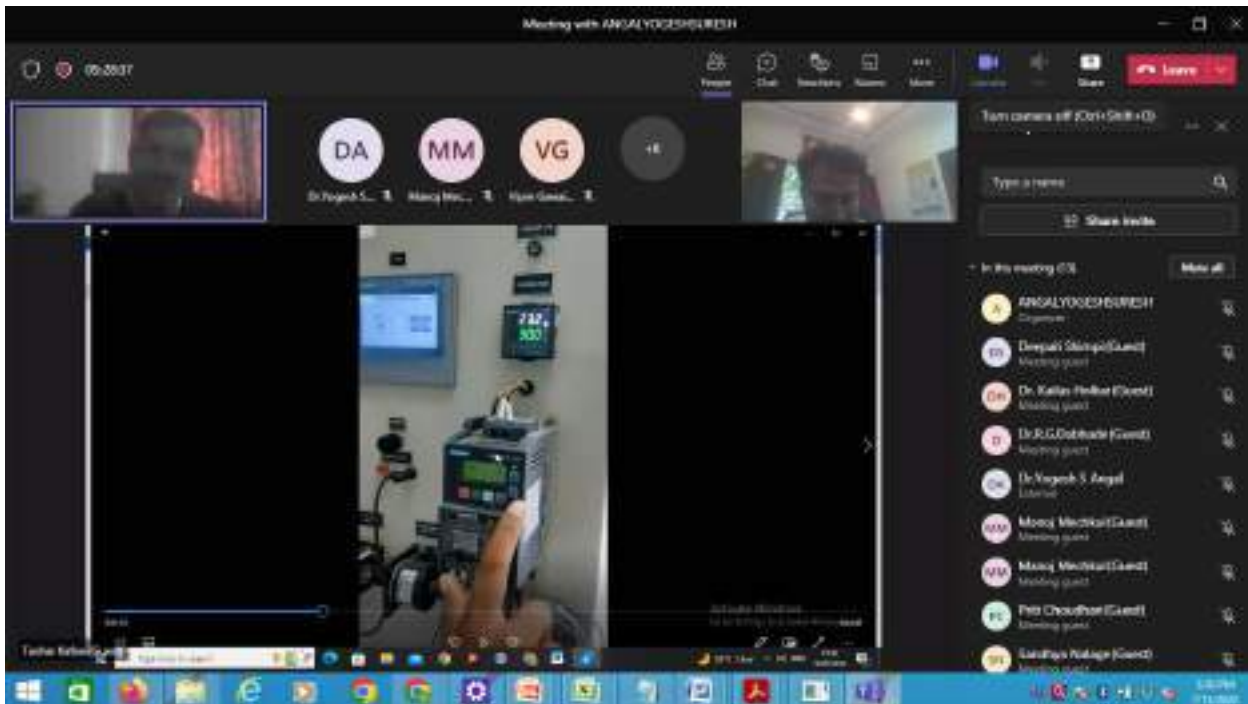
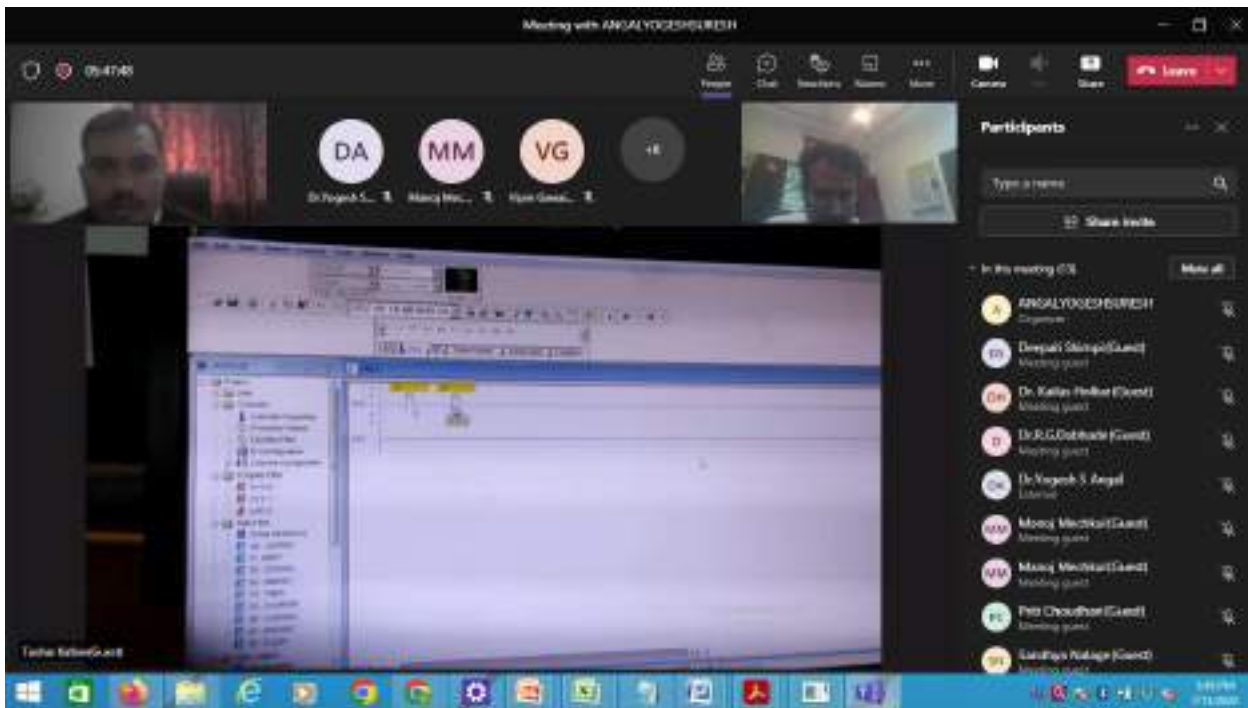| Thurday Day 2-Date 15/07/2022 Session 3: 3.30Pm to 5.30 Hrs	
Resource Person	**Discussion on Practicals by Prof.T.V.Kafare** JSPM's Bhivarabai Sawant Institute of Technology and Research,Wagholi,Pune-412207

Shown Demonstration of Practicals on VFD Interface with PLC, Logical and Algebraic Implementation etc. as per the Syllabus

Thurday Day 2-Date 16/07/2022 Session 1: 10.00am to 12.30 Hrs	
Resource Person	**VI: CNC Machines and Industrial Protocols** *Prof. Arvind P. Meshram* *MVPS's KBTCOE, Nashik*

CO6: Define and explain CNC machines and Applications of Industrial Protocols

Points Covered:

Introduction of CNC Machines, Basics and need of CNC machines, NC, CNC and DNC (Direct NC) systems, Structure of NC systems, Applications of CNC machines in manufacturing, Advantages of CNC machines. Industrial Communication: Devicenet,   Foundation Fieldbus, PROFIBUS, MODBUS, Ethernet, TCP/IP, Concept of   Industry 4.0.
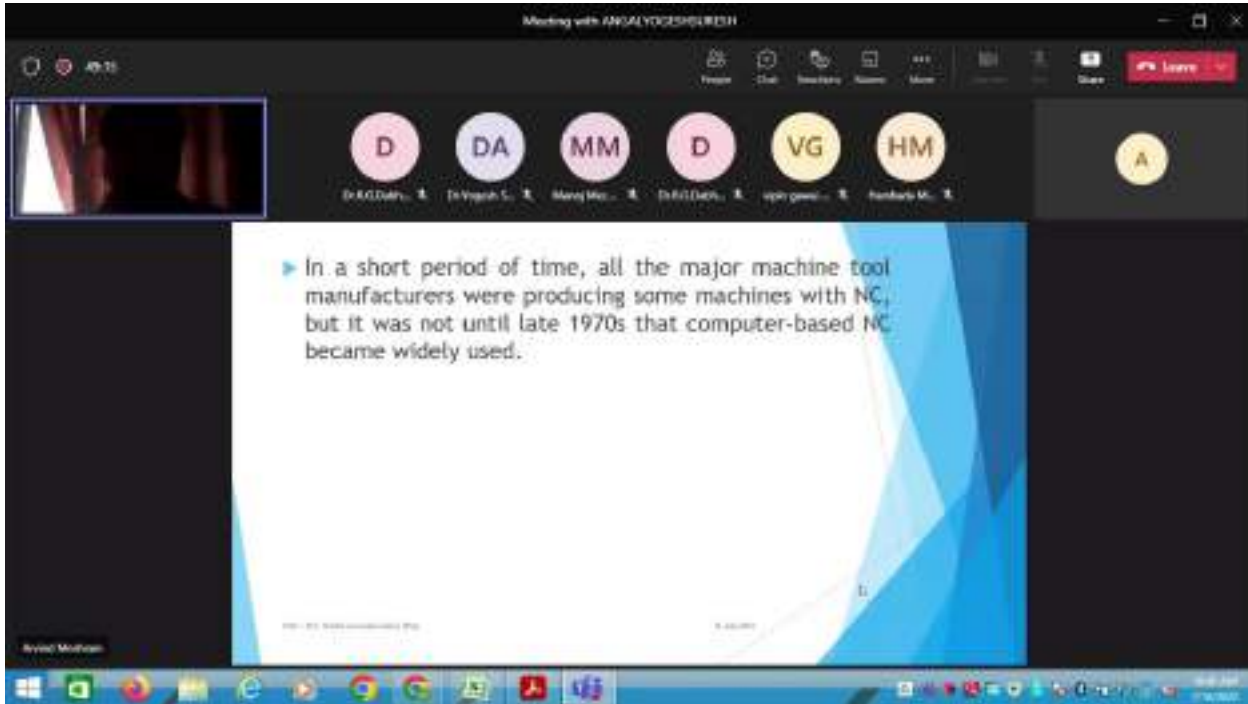
Figure 1: CNC milling machine

Advantages & Disadvantages of CNC machine tools

Some of the dominant advantages of the CNC machines are:

- CNC machines can be used continuously and only need to be switched off for occasional maintenance.
- These machines require less skilled people to operate unlike manual lathes / milling machines etc..
- CNC machines can be updated by improving the software used to drive the machines.
- Training for the use of CNC machines can be done through the use of 'virtual software'.
- The manufacturing process can be simulated virtually and no need to make a prototype or a model. This saves time and money.
- Once programmed, these machines can be left and do not require any human intervention, except for work loading and unloading.
- These machines can manufacture several components to the required accuracy without any fatigue as in the case of manually operated machines.

DeviceNet Cables
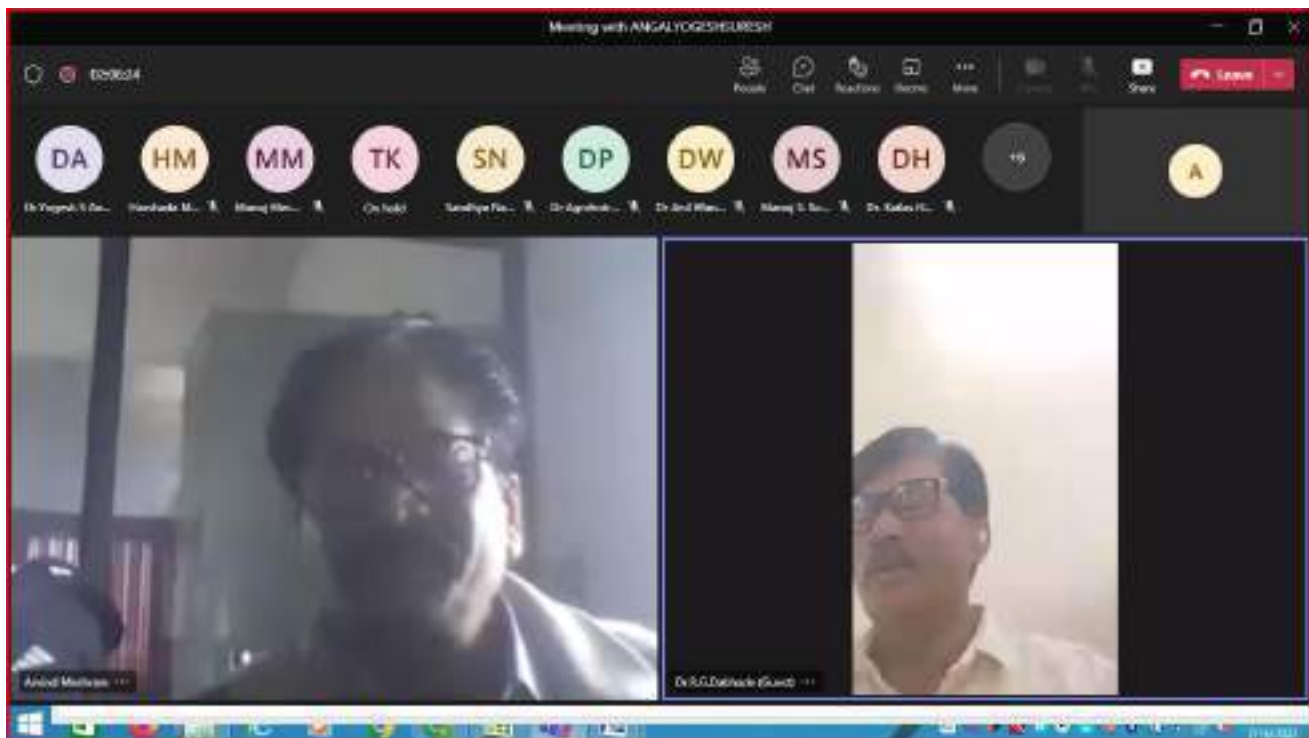
The Workshop on "PLC, Automation and SCADA", was Organised and Conducted Satisfactorily. Total 22 Participants from various Colleges of Savitribai Phule Pune University, Pune attended this wotrkshop. Thankful Management JSPM Group of Institutes and Chairman BOS (E&TC) SPPU for permitting to conduct this workshop at our Institute.

Dr. Y.S.Angal
H.O.D.(E&TC)

Dr. T. K. Nagaraj
PRINCIPAL
Principal
S.P.M.'S Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune- 412207

Online Faculty Orientation Workshop(FOW) on BE (E&TC)
Revised Syllabus (2019Course) FOW Schedule
Under the aegis of Board of Studies Electronics & Telecommunications SPPU Organised by JSPM's
Bhivarabai Sawant Institute of Technology and Research,Wagholi-Pune-412207
Elective –III from 14/07/2022 to 16/07/2021
Subject: PLC, SCADA AND AUTOMATION

Name of the Participant/ Faculty(Surname First, First Name, Middle name)	Name of the College(Put Complete name of the College as on DTE/AICTE donot use Short forms for College Name)	Email Address	Mobile number 1 of Participant Teacher
Dr.Yogesh S Angal	JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi,Pune	ysangal_entc@jsmbsiotr.edu.in	7057150817
Vikram Mane	Zeal College of Engineering and Research	vikram.mane@zealeducation.com	8600023875
Mechkul Manoj Ashok	SNJB's Late Sau. Kantabai Bhavarlalji Jain College of Engineering Chandwad	meckul.macoe@snjb.org	9422313640
Wakure Suvarna Vinod	JSPMs JSCOE Hadapsar	suvarnav1111@gmail.com	8275304644
Choudhari Priti Vinod	Meg's IOE, Bhujbal Knowledge City,Nashik	pritichoudhari20@gmail.com	9158886692
Somani Radhika Madanlal	Parvatibai Genba Sopanrao Moze College of Engineering, Wagholi, Pune-412207	somaniradhika111@gmail.com	9405787147
Devidas Dnyaneshwar Dighe	Devidas Dnyaneshwar Dighe	devidasdighe@gmail.com	09604030007
Dabhade Ravindra Gulabrao	Matoshree college of engineering & research centre odha, Nashik	rgdabhade@gmail.com	09011040167
Holkar Kailas Shankarrao	Karmaveer Kakasaheb Wagh Institute of Engineering Education and Research	ksholkar@kkwagh.edu.in	9822379056
Arvind Pandhari Meshram	MVPS'S KBT COLLEGE OF ENGINEERING NASHIK	meshram.arvind@kbtcoe.org	09403637917
Indalkar Sachin Dilip	Shahajirao Patil Vikas Pratishthan S.B.Patil College of Engineering Addr: Gat No 58 Village Vangali Ta: Indapur Dist: Pune	sachindindalkar@gmail.com	9665640642
Borade atul madhukar	Pvg college of engineering nashik	atul.borade@pvgcoenashik.org	9604908920
Shimpi Deepali Chetan	K. K. Wagh Institute of engineering education and research, Nashik	dcshimpi@kkwagh.edu.in	8237062532
Fahad Bilal	Maulana Mukhtar Ahmad Nadvi Technical Campus	fahad.bilal@mmantc.edu.in	9028254538
Ashfaque Ahmed Khaleeque Ahmed	Maulana Mukhtar Ahmad Nadvi Technical Campus, Mansoora, Malegaon.	ashfaqueahmed@mmantc.edu.in	9028254536
Jadhav Kiran Bhavlal	NMIET, Talegaon	kiran.jadhav@nmiet.edu.in	9403758972
NALAGE SANDHYA SANDEEP	Raigad Dnyanpeeth's Chatrapati Shivajiraje College of Engineering,Bhor	sandhyanalage84@gmail.com	9922948572
Vipin Bhaskarrao Gawai	AISSMS COE PUNE	vbgawai@aissmscoe.com	9970108922

Online Faculty Orientation Workshop(FOW) on BE (E&TC)
Revised Syllabus (2019Course) FOW Schedule
Under the aegis of Board of Studies Electronics & Telecommunications SPPU Organised by JSPM's
Bhivarabai Sawant Institute of Technology and Research,Wagholi-Pune-412207
Elective –III from 14/07/2022 to 16/07/2021
Subject: PLC, SCADA AND AUTOMATION

Patel Minaj Shahid	Sahyadri valley college of engineering and technology, rajuri	minajchaugule08@gmail.com	9921649982
Harshada Magar	AISSMS Institute of Information and Technology,Pune	harshada.magar@aissmsioit.org	8600300876
Manisha Shinde	METs Institute of Engineering	manisha.shinde1@gmail.com	9423787193
Shinde Sanket Bhivsenrao	Adsul's Technical Campus Ahmednagar	sbshindesaheb@gmail.com	9404978321

Certificate of Appreciation

This is to certify that **Dr. Kailas S. Holkar** of **K. K.Wagh Institute of Engineering Education and Research, Nashik** has worked as a resource person **in 3-days Online Faculty Orientation Workshop on BE (E&TC) Revised Syllabus 2019 Course** for the Subject **PLC,SCADA and Automation (Elective-III)** from 14th July to 16th July 2022 Organized by **Department of E&TC Engineering, JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi Pune 412207.**

Dr. Y.S. Angal

Coordinator,
HOD, E&TC BSIOTR

Dr. T. K. Nagaraj

Principal, BSIOTR

Dr. D.S. Bormane

Chairman, BoS
E&TC Engineering

Dr. M. G. Chaskar

Dean Faculty of Sci.
& Tech.,SPPU

Online Faculty Orientation Workshop
Under the Aegis of BoS (E&TC); SPPU, Pune
BE (E&TC) Revised Syllabus 2019 Course
(14th July to 16th July- 2022)

Certificate of Appreciation

This is to certify that **Dr. Santosh P. Agnihotri** of **Ghokhale Education Society's, R.H. Sapat College of Engineering Managament Studies and Research, Nashik** has worked as a resource person **in 3-days Online Faculty Orientation Workshop on BE (E&TC) Revised Syllabus 2019 Course** for the Subject **PLC,SCADA and Automation (Elective-III)** from 14th July to 16th July 2022 Organized by **Department of E&TC Engineering, JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi Pune 412207.**

Dr. Y.S. Angal	**Dr. T. K. Nagaraj**	**Dr. D.S. Bormane**	**Dr. M. G. Chaskar**
Coordinator, HOD, E&TC BSIOTR	**Principal, BSIOTR**	**Chairman, BoS E&TC Engineering**	**Dean Faculty of Sci. & Tech.,SPPU**

Certificate of Appreciation

This is to certify that **Dr. Vijay M. Sardar** of Jayawantrao Sawant College of Engineering, Hadapser, Pune has worked as a resource person in 3-days Online Faculty Orientation Workshop on BE (E&TC) Revised Syllabus 2019 Course for the Subject **PLC,SCADA and Automation (Elective-III)** from 14th July to 16th July 2022 Organized by **Department of E&TC Engineering, JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi Pune 412207.**

Dr. Y.S. Angal	**Dr. T. K. Nagaraj**	**Dr. D.S. Bormane**	**Dr. M. G. Chaskar**
Coordinator, **HOD, E&TC BSIOTR**	**Principal, BSIOTR**	**Chairman, BoS** **E&TC Engineering**	**Dean Faculty of Sci.** **& Tech.,SPPU**

Certificate of Appreciation

This is to certify that **Prof. Arvind P. Meshram** of MVPS's KBTCOE, Nashik has worked as a resource person in 3-days Online Faculty Orientation Workshop on BE (E&TC) Revised Syllabus 2019 Course for the Subject **PLC,SCADA and Automation (Elective-III)** from 14th July to 16th July 2022 Organized by **Department of E&TC Engineering, JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi Pune 412207.**

Dr. Y.S. Angal	Dr. T. K. Nagaraj	Dr. D.S. Bormane	Dr. M. G. Chaskar
Coordinator, **HOD, E&TC BSIOTR**	**Principal, BSIOTR**	**Chairman, BoS** **E&TC Engineering**	**Dean Faculty of Sci.** **& Tech.,SPPU**

Certificate

This is to certify that **Prof. Manoj Mechkul** of SNJB's Late Sau. Kantilal Bhavarlalaji Jain College of Engineering, Chandwad has worked as a resource person **in 3-days Online Faculty Orientation Workshop** on BE (E&TC) Revised Syllabus (2019 Course) for the Subject PLC,SCADA and Automation (Elective-III) from 14th July to 16th July 2022 Organized by Department of E&TC Engineering, JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi Pune 412207.

Dr. Y.S. Angal	Dr. T. K. Nagaraj	Dr. D.S. Bormane	Dr. M. G. Chaskar
Coordinator, HOD, E&TC BSIOTR	Principal, BSIOTR	Chairman, BoS E&TC Engineering	Dean Faculty of Sci. & Tech.,SPPU

Online Faculty Orientation Workshop
Under the Aegis of BoS (E&TC) SPPU, Pune
BE (E&TC) Revised Syllabus 2019 Course
(14th July to 16th July- 2022)

Certificate of Appreciation

This is to certify that **Prof. Tushar V Kafare** of **Bhivarabai Sawant Institute of Technology and Research (BSIOTR), Pune** has worked as a resource person in 3-days Online Faculty Orientation Workshop on BE (E&TC) Revised Syllabus 2019 Course for the Subject **PLC,SCADA and Automation (Elective-III)** from 14th July to 16th July 2022 Organized by **Department of E&TC Engineering, JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi Pune-412207.**

Dr. Y.S. Angal
Coordinator,
HOD, E&TC BSIOTR

Dr. T. K. Nagaraj
Principal, BSIOTR

Dr. D.S. Bormane
Chairman, BoS
E&TC Engineering

Dr. M. G. Chaskar
Dean Faculty of Sci.
& Tech.,SPPU

Certificate

This is to certify that **Prof. Borade Atul Madhukar** of PVG College of Engineering Nashik has participated in 3-days Online Faculty Orientation Workshop on BE (E&TC) Revised Syllabus 2019 Course for the Subject **PLC's, SCADA and Automation (Elective-III)** from 14th July to 16th July 2022 Organized by Department of E&TC Engineering, JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi Pune-412207.

Dr. Y.S. Angal
Coordinator,
HOD, E&TC BSIOTR

Dr. T. K. Nagaraj
Principal, BSIOTR

Dr. D.S. Bormane
Chairman, BoS
E&TC Engineering

Dr. M. G. Chaskar
Dean Faculty of Sci.
& Tech.,SPPU

Certificate

This is to certify that **Prof. Indalkar Sachin Dilip** of **Shahajirao Patil Vikas Pratishthan S.B.Patil College of Engineering, Indapur,Dist. Pune** has participated in 3-days Online Faculty Orientation Workshop on BE (E&TC) Revised Syllabus 2019 Course for the Subject **PLC's, SCADA and Automation (Elective-III)** from 14th July to 16th July 2022 Organized by **Department of E&TC Engineering, JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi Pune-412207.**

Dr. Y.S. Angal	Dr. T. K. Nagaraj	Dr. D.S. Bormane	Dr. M. G. Chaskar
Coordinator, HOD, E&TC BSIOTR	Principal, BSIOTR	Chairman, BoS E&TC Engineering	Dean Faculty of Sci. & Tech.,SPPU

Report on
Faculty Development Programme
On

"Recent Trends in Mobile Computing with Real Time Approach"
(Under the aegis of "IETE Pune Centre" and "IEEE Communication Society Pune Chair")

at
Department of Electronics and Telecommunication Engineering
Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune

Name of The Programme	Faculty Development Programme "Recent Trends in Mobile Computing with Real Time Approach" Under the aegis of "IETE Pune Centre" and "IEEE Communication Society Pune Chair"
Date	27th March 2023 to 1st April 2023
Mode	Online
Organizer	Department of Electronics and Telecommunication Engineering of Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune
Programme Convenor	Dr. Y. S. Angal, HOD (E&TC)
Programme Co-Ordinator	Asst. Prof. S. V. Malge (E&TC) Asst. Prof. P. V. Gawade (E&TC) Asst. Prof J. Y. Suryawanshi (E&TC)
Participants	104 Participants

The FDP aims to provide opportunities to faculty members, research scholars and post graduate students to enrich their teaching skill and research in the field of Mobile Computing. The Programme also intends to develop the knowledge of participants in the relevant field for inculcating learning values in students and guiding and monitoring their progress. The FDP was attended by 104 participants from faculty members of Electronics and Telecommunication department, PG students and Research scholar.

FDP Objective:

Sr. No.	FDP Objective
1	This FDP provides a platform to learn Wireless technologies and planning Ad-hoc Network.
2	An ability to study the basics of wireless, cellular technology and the working of Mobile IP, ad hoc network, features of mobile operating systems.
3	An ability to understand the use of M-Commerce application

FDP Brochure:

Inaugural Session:

Inaugural Session	
Date	27th March 2023
Time	1:45 PM

The esteemed personalities present on the inauguration of the Programme:

Dr. V.V. Shete	Chairman, IETE, Pune Centre	Chief Guest
Dr. M. M. Jadhav	Chair, IEEE Communication Society, Pune Chapter	Chief Guest
Dr. T.K. Nagaraj	Principal, BSIOTR	Host
Dr. Y. S. Angal	HOD(E&TC), BSIOTR	Host

In welcome speech, Hon. Principal Dr. T. K. Nagaraj shared his views with the faculty participants that if faculty wants to develop themselves and their students, then attending such faculty development programmes would enhance their skills of teaching concepts practically. Sir further shared that it helps to improve the performance of faculty in teaching and highlighted the importance and objectives of organizing faculty development programmes. He briefed the participants about the subjects chosen for the FDP and highlighted the reasons and importance of the same. In the inaugural speech, Hon. Dr. V.V. Shete shared his views on faculty development. He further added that this programme will provide special benefits to faculty members. The inauguration programme ended with vote of thanks by Mrs. Jayshree Suryawanshi.

Inaugural Session of the FDP with Dr. V.V. Shete Chairman, IETE, Pune Centre and Dr. M. M. Jadhav Chair, IEEE Communication Society, Pune Chapter.

Date	27th March 2023 (Day One)
Session	One
Topic	Basic of Mobile Computing
Resource Person	Dr S. K. Jagtap Professor and HOD(E&TC), SKNCOE, Pune
Time	2:00 PM To 3:30 PM

Dr S. K. Jagtap Professor and HOD E&TC), SKNCOE, Pune has delivered an interactive lecture on "Basic of Mobile Computing". In this session participants were learned the Applications of Mobile Computing- Generations of Mobile Communication Technologies, Multiplexing: Spread spectrum, MAC Protocols: SDMA, TDMA, FDMA, and CDMA.

Date	27th March 2023 (Day One)
Session	Two
Topic	Introduction to 5G & Recent trends in Telecommunication Industries
Resource Person	Dr. Anuradha S. Deshpande Professor, E&TC, JSPM's ICOER Wagholi, Pune
Time	3:30 PM To 5:00 PM

An informative lecture on "Introduction to 5G & Recent trends in Telecommunication Industries" was discussed by Dr. Anuradha S. Deshpande Professor, E&TC, JSPM's ICOER Wagholi, Pune. In this session participants were learned the Introduction of 5G, 5G –Architecture, Key Enabling Technologies for 5G and Recent trends in Telecommunication Industries.

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Date	28th March 2023 (Day Two)
Session	One
Topic	Ad-Hoc Networking
Resource Person	Dr. Araddhana A. Deshmukh Head& Associate Professor, AI & DS Department, MMCOE, Pune
Time	2:00 PM To 5:00 PM

Dr. Araddhana A. Deshmukh Head& Associate Professor, AI & DS Department, MMCOE, Pune
has delivered an informative lecture on "Ad-Hoc Networking". In this session participants were taught
Mobile IP, DHCP, AdHoc, Proactive protocol-DSDV, Reactive Routing Protocols: DSR, AODV,
Hybrid routing: ZRP, Multicast Routing: ODMRP, Vehicular Ad Hoc networks VANET, MANET Vs
VANET: Security

Date	29th March 2023 (Day Three)
Session	One
Topic	Mobile IP and Transport Layer
Resource Person	Dr. Vijay M. Birari Professor and HOD(E&TC) NDMVP KBTCOE, Nashik.
Time	2:00 PM To 5:00 PM

Dr. Vijay M. Birari Professor and HOD(E&TC) NDMVP KBTCOE, Nashik, has illuminated on "Mobile IP and Transport Layer".In this session participants were gained with the knowledge of the on Mobile IP: Need of mobile IP, IP packet delivery, Agent Discovery, Registration, Tunnelling and encapsulation, Route optimization, IP Handoff. Transport Layer: Overview of Traditional TCP and implications of mobility control. Improvement of TCP: Indirect TCP, Snoop TCP, Mobile TCP, Fast Retransmit/fast recovery, Time-out freezing, Selective retransmission, Transaction-oriented TCP.

Date	30th March 2023 (Day Four)
Session	One
Topic	Mobile System
Resource Person	Dr.R.R.Itkarkar Professor, AISSMS COE, Pune.
Time	11:00 AM To 1:00 PM
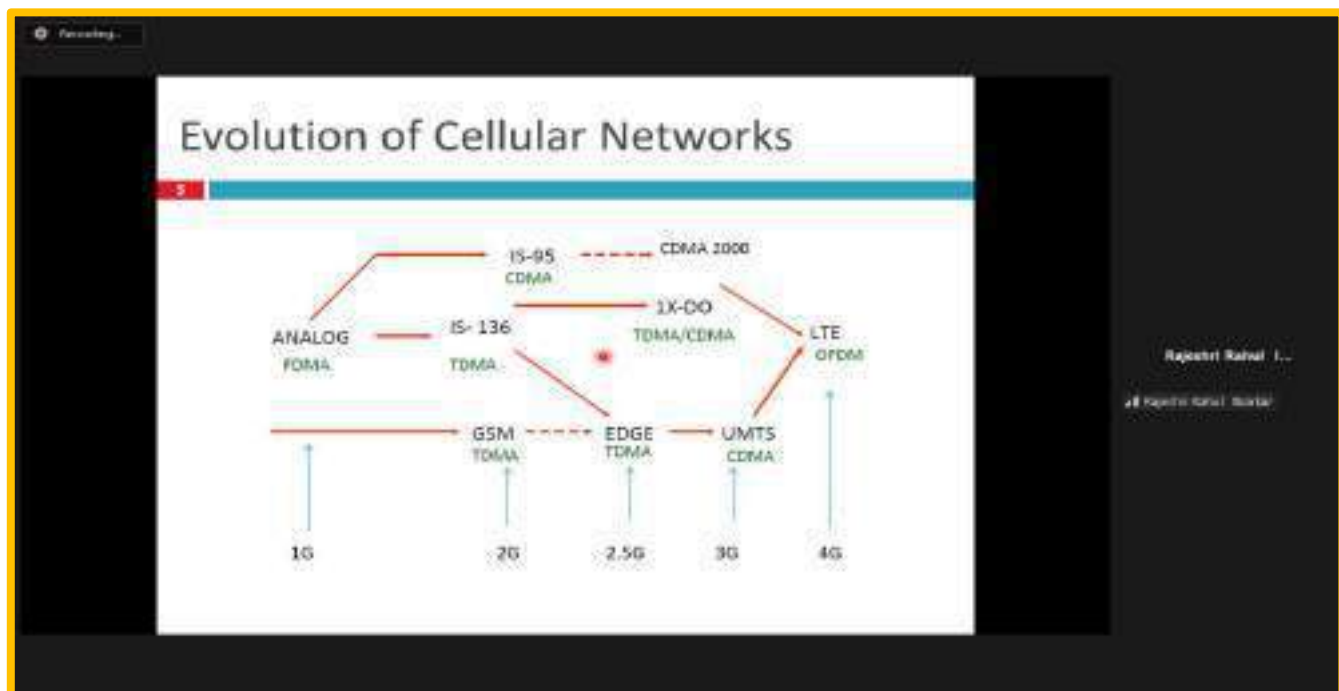
Dr. R. R. Itkarkar Professor, AISSMS COE, Pune has discussed on "Mobile System". In this session she gave insightful talk on Mobile Systems. Her presentation was both informative and engaging, and participants learned a lot from her expertise on the topic. Participants were gained with the knowledge of the on Introduction to Cellular Systems, GSM architecture, Protocols, Connection Establishment, Frequency Allocation, Routing, Mobility Management, Security, GPRS and UMTS: Architecture, Handover, Security. Introduction to 5G: Introduction, 5G network architecture, Applications, 5G enable technologies, Recent trends in Telecommunication Industries.

Date	30th March 2023 (Day Four)
Session	Two
Topic	Fading Channels
Resource Person	Dr. Gitimayee Sahu Sr.Manager, JIO Platforms Ltd, Mumbai
Time	2:00 PM To 5:00 PM

Dr. Gitimayee Sahu Sr.Manager, JIO Platforms Ltd, Mumbai has focused on "Fading Channels". In this session participants were familiar with Rayleigh Fading and Statistical Characterization, Properties of Rayleigh Distribution, BER in Fading, Narrowband vs Wideband Channels, Characterization of Multipath Fading Channels, Choice of Modulation, Coherent versus Differential Detection, BER in Fading , Ricean Fading.

Date	31st March 2023 (Day Five)
Session	One
Topic	Computational Intelligence in Mobile Computing
Resource Person	Dr. Vandana M. Rohokale Prof & HOD(E&TC), SIT's, Narhe, Pune
Time	2:00 PM To 4:00 PM
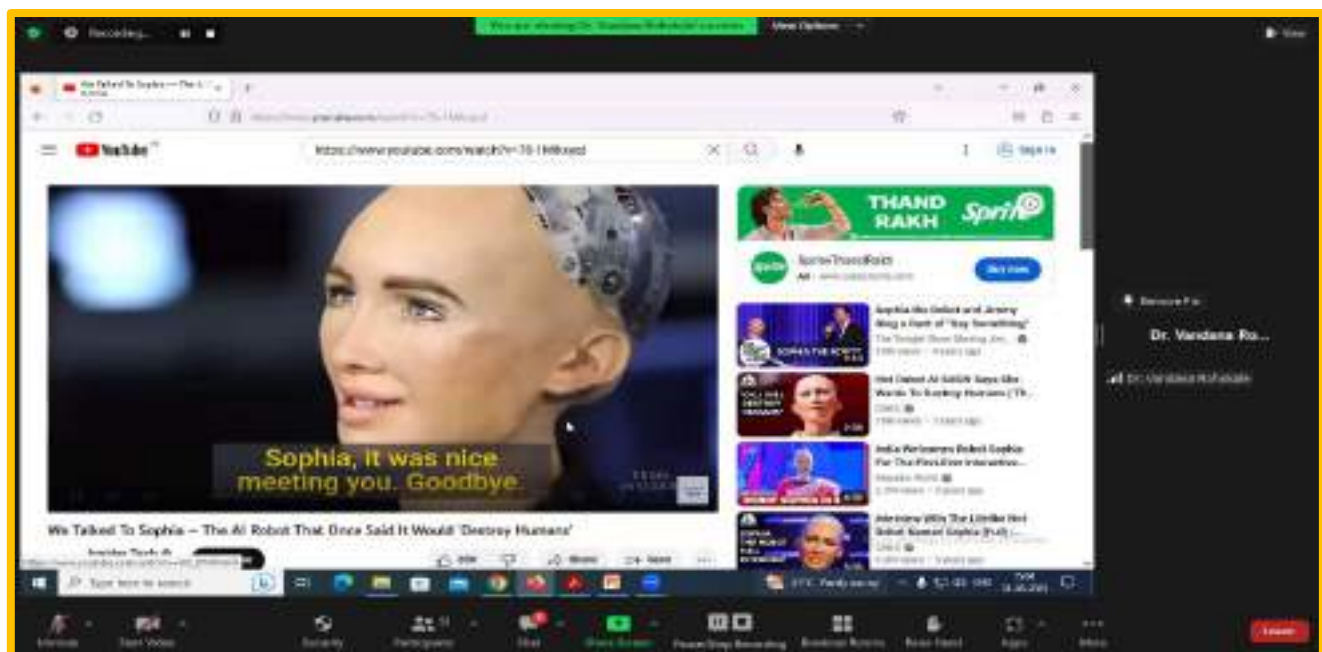
Dr. Vandana M. Rohokale Prof & HOD(E&TC), SIT's, Narhe, Pune has explained "Computational Intelligence in Mobile Computing". In this session participants realized the significance of Recent Trends in Mobile Computing, CI vs AI, principles Computational Intelligence, AI & ML, Deep learning, Uses of Computational Intelligence, Deep Learning Approach for Interference Mitigation in MIMO-FBMC/OQAM Systems.

Date	1st April 2023 (Day Six)
Session	One
Topic	Operating System & Applications of Mobile Computing
Resource Person	Dr. Makarand M Jadhav Prof & HOD(E&TC), NBN STC, Pune
Time	9:00 AM To 11:00 AM
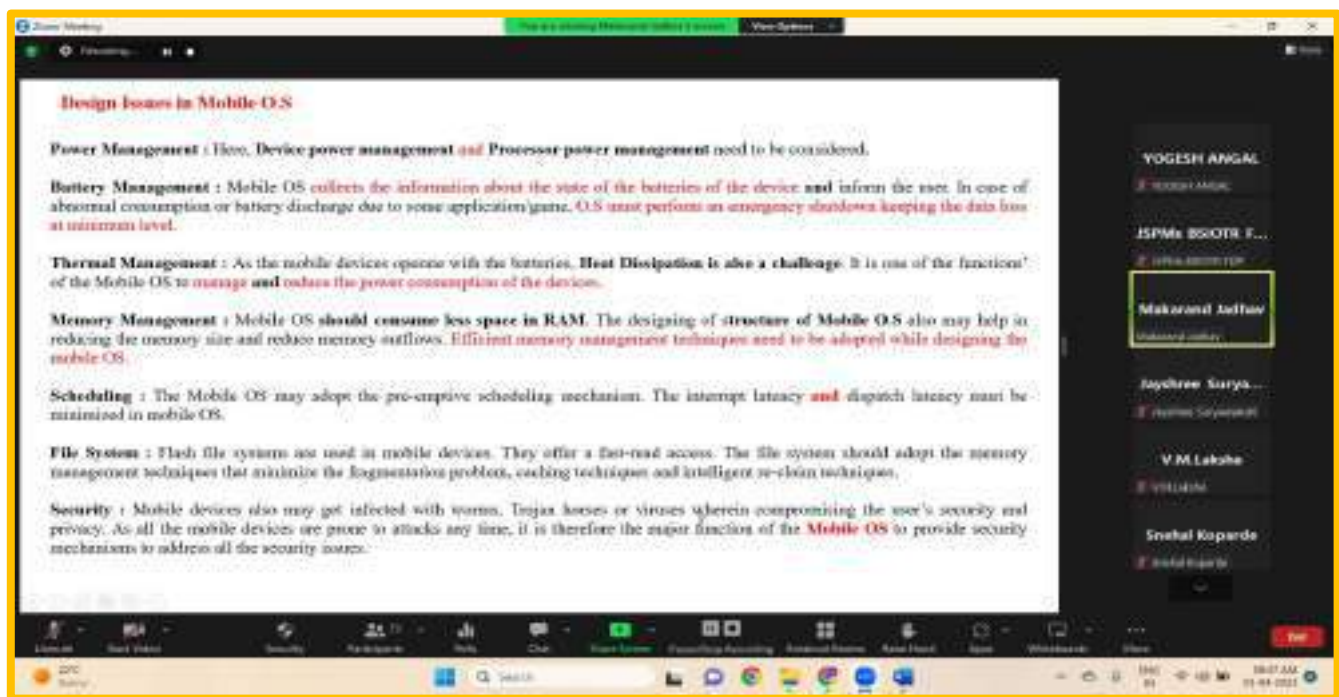
A discussion on "Operating System & Applications of Mobile Computing" was delivered by Dr. Makarand M Jadhav Prof & HOD(E&TC), NBN STC, Pune. In this session participants got the knowledge about Operating System: A Few Basic Concepts, Special Constraints and Requirements of Mobile OS, A Survey of Commercial Mobile Operating Systems, Windows Mobile, Applications: M-Commerce, Business to Consumer (B2C) Applications, Business to Business (B2B) Applications. Structure of M-Commerce, Pros and Cons of M-Commerce, Mobile Payment System, Mobile Payment Schemes, Desirable properties of a Mobile Payment system, Mobile Payment solutions, Process of Mobile Payment, Security Issues.

Valedictory Session:

Valedictory Session	
Date	1 April 2023
Time	11:00 AM

The esteemed personalities present on the Valedictory of the Programme:

Dr. D. S. Bormane	Member, Governing Council, IETE, New Delhi	Chief Guest
Dr. M. M. Jadhav	Chair, IEEE Communication Society, Pune Chapter	Chief Guest
Dr. T.K. Nagaraj	Principal, BSIOTR	Host
Dr. Y. S. Angal	HOD(E&TC), BSIOTR	Host
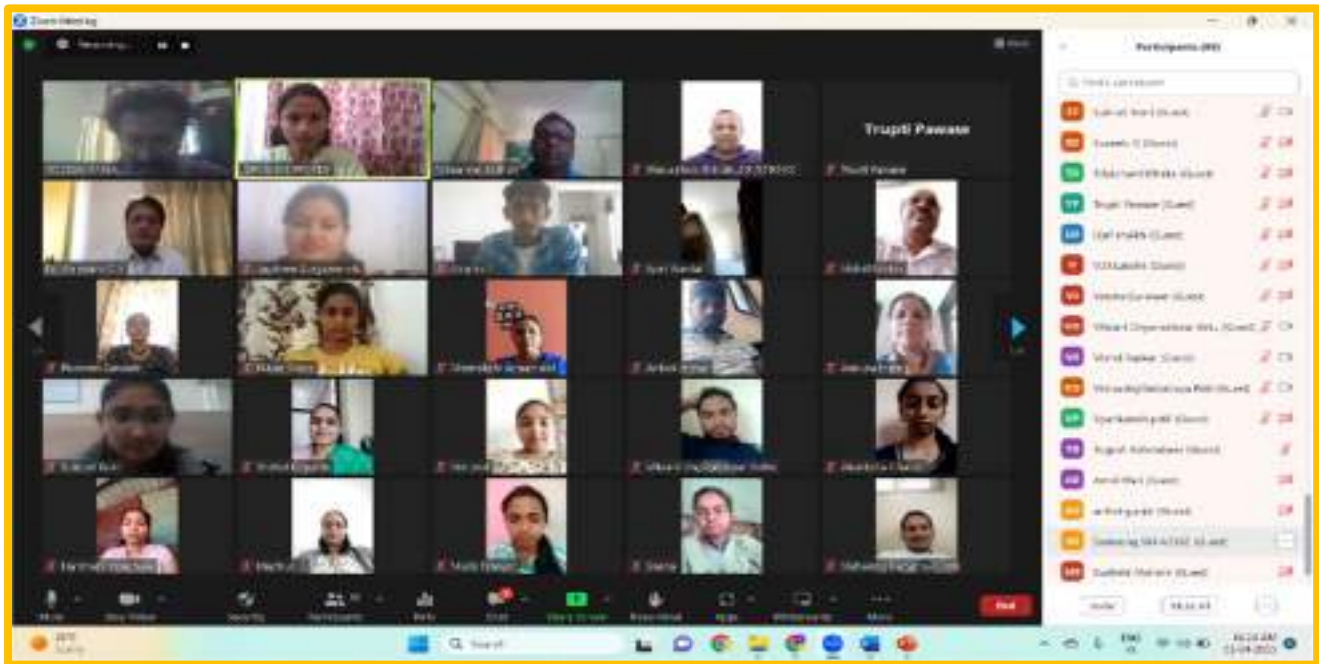
Valedictory Session of the FDP with Dr. D. S. Bormane Member, Governing Council, IETE, New Delhi and Dr. M. M. Jadhav Chair, IEEE Communication Society, Pune Chapter.

All the personalities appreciated the department for organizing the FDP. The program was ended with vote of thanks by Mrs. Suchipriya Malge, Asst. Prof., Electronics & Telecommunication Dept., JSPM'S BSIOTR & Coordinator of the FDP. The FDP received a lot of positive feedback from faculty members, PG students and research scholars from many universities of India. There were 104 enthusiastic participants in total, who took part in the 6-day online FDP. Each session was of Minimum 90 minutes & Maximum 180 minutes and included open questions, answer session. Zoom meeting was the platform used for each session links (Join Zoom Meeting https://us02web.zoom.us/j/83443301126?pwd=c1V6eWdDUU9BcDVLMWVjZHlsYU5xUT09); feedback links were shared, MCQ Test was conducted at the end of FDP. The registered participants were engaged in a special WhatsApp group. The recordings are being uploaded on the Google Drive. (https://drive.google.com/drive/folders/1E0-QfZB-is5pjq51jJKe4m85nnD7FebA?usp=share_link). 104 E-certificates were awarded to all registered participants by sharing Google Drive Link. The FDP was concluded on the tanks giving note to the Chief Guest, Management, Campus Director, Principal, Deans and all the Participants.

Sample FDP Certificate:

FDP Outcome:
All the sessions were very much informative. The discussed areas are of great benefit for the participants as the topics match with the current working domain. Participants were enlightened with the most widely used advance technologies in this domain. This in turn will help in research activity.

Sr. No.	FDP Outcome
1	Understand concepts of Mobile Communication.
2	Analyze next generation Mobile Communication System
3	Understand network layers of Mobile Communication
4	Understand IP and Transport layers of Mobile Communication
5	Study of different mathematical models
6	Understand different mobile applications.

Sr. No.	FDP Outcome	PO	PSO
1	Understand concepts of Mobile Communication.	PO1	PSO1
2	Analyze next generation Mobile Communication System	PO2	PSO2
3	Understand network layers of Mobile Communication	PO1	PSO1
4	Understand IP and Transport layers of Mobile Communication	PO1	PSO1
5	Study of different mathematical models	PO2, PO3, PO4, PO5	POS3
6	Understand different mobile applications.	PO11, PO12	PSO3

Programme Co-Ordinator	Asst. Prof. S. V. Malge (E&TC) BSIOTR	
	Asst. Prof. P. V. Gawade (E&TC) BSIOTR	
	Asst. Prof. J. Y. Suryawanshi (E&TC) BSIOTR	
Programme Convenor	Dr. Y. S. Angal, HOD (E&TC), BSIOTR	Dr-Y· s Angal.
Principal	Dr. T. K. Nagaraj, Principal, BSIOTR	

PRINCIPAL
J.S.P.M.'S Bhivarabai Sawant Institute of
Technology & Resear.
Wagholi, Pune- 412207

on
"Outcome Based Education through Student Centric Teaching-
Learning Process"

(Under the aegis of "IETE Pune Centre" and "IEEE Communication Society Pune Chair")
at
Department of Engineering Science,
Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune.

Name of Program	**Faculty Development Program on** "Outcome Based Education Through Student Centric Teaching-Learning Process"
Date	22nd May2023to26th May2023
Mode	Online
Organizer	Department of Engineering Science, BSIOTR, Bhivarabai Sawant Institute of Technology & Research ,Wagholi,Pune.
Convenor	Dr.SwatiGodse, HOD,Department of Engineering Science
Co-Ordinators	Dr.Manjusha Patil (Assistant Professor, Department of Engineering Science). Mr.S.D.Bhourgunde **(**Assistant Professor, Department of Engineering Science).
Participants	160 Participants from Eight states in India.

The FDP aims to provide opportunities to faculty members, research scholars and postgraduate students to enrich their teaching skill and research in the field of technical and traditional education. The Program also intends to develop the knowledge of participants in the relevant field for inculcating learning values in student sand guiding and monitoring their progress. The FDP was attended by 160 participants from eight states across the India. These participants are faculty members of various technical and traditional educational institutes in India.

FDP Objectives:

Teaching – learning process for outcome based education needs reforms keeping in view NEP-2020. Institutions need to switch to an Outcome Based Education System, to enhance employability of graduate students. The FDP is aimed at up-skilling the faculty members on the topics mentioned below.

● Reforms in Teaching Techniques and Methodology

1

- Need of Up-skilling of Teacher

- Behavioral Aspects of Teachers with Students

- Innovative Teaching aids-Digital skill

- National Education Policy(NEP-2020)

- Role of Teachers in OBE

- Evaluation Tools and Mapping with Student Performance

- Inculcating and Imparting Outcome Based Education in Engineering Education.

- Roll of professional bodies in OBE

FDP Brochure:

InauguralSession:

Inaugural and Key Note Address Session	
Date	22nd M ay 2023
Time	1:00 PM

The esteemed personalities present on the inauguration of the Program:

Dr.Sachin Admane	Campus Director,JSPM Wagholi Campus,Pune.	Chief Guest
Dr.Rajkumar Deshpande	Principal,JSPM's,ICOER,Wagholi,Pune.	Chief Guest
Dr.T.K.Nagaraj	Principal,BSIOTR,Wagholi,Pune.	Host
Dr.Swati Godse	HOD, Department of Engineering Science,BSIOTR, Pune.	Host

The FDP started with e-light lamping by Dr.Sachin Admane, Dr.Rajkumar Deshpande, Dr.T.K.Nagaraj, Dr.Swati Godse, Dr.Manjusha Patil, Mr.S.D.Bhourgunde.In introduction speech Convener Dr.Swati Godse welcomes all chief guests,resourse persons & participants and gave brief introduction about the Deparment and FDP.In welcome speech, Hon. Principal Dr. T. K. Nagaraj introduced about JSPM's BSIOTR in brief and shared his views with the faculty participants that if faculty wants to develop themselves and their students, then attending such faculty development program would enhance their skills of teaching concepts practically. Sir further shared that it helps to improve the performance of faculty in teaching and highlighted the importance and objectives of organizing faculty development program. He briefed the participants about the subjects chosen for the FDP and highlighted the reasons and importance of the same.In Presidential address Hon.Dr.Sachin Admane (Campus Director,JSPM Wagholi Campus,Pune) Introduces about JSPM wagholi campus, congratulates faculty members for organizing FDP and gave best wishes to all participants. The inauguration program ended with vote of thanks by Dr.Manjusha Patil.

In key-note address talk chief guest Dr.Rajkumar Deshpande (Principal,JSPM's,ICOER,Wagholi,Pune) explained very nice about different student centric teaching methods, advantages and importance of these teaching methods. This session was informative and solved queries raised by participants.

Date	22nd May 2023 (Day-1)
Session	One
Topic	Role of Teachers in OBE
Resource Person	Dr.G.Subba Rao Director, Geetanjali Institute of Science and Technology,Nellore, Andhra Pradesh.
Time	2:00 PM To 4:00 PM

Dr.G.Subba Rao,Director, Geetanjali Institute of Science and Technology,Nellore,Andhra Pradesh has delivered an interactive session on "Role of Teachers in OBE". In this session participants were learned about meaning, nature and importance of outcome based education (OBE).Also with the help of PPT's sir has explained and illustrated different role of teachers in outcome based education (OBE).

5

Date	23rd May 2023 (Day-2)
Session	One
Topic	Need of Upskilling of Teachers
Resource Person	Dr.R.S.Jahagirdar Principal, International Centre of Excellence in Engineering & Management, Aurangabad.
Time	2:00 PM To 4:00 PM

An informative & inspirational session on "Need of Up-skilling of Teachers" was delivered by Dr.R.S.Jahagirdar Principal, International Centre of Excellence in Engineering & Management, Aurangabad. In this session participants were learned about need and importance of up-skilling of teachers. Also he discussed about different approaches for gaining new skills and need of new skills for the development of any institute and nation.

6

Date	23rd May 2023 (Day-2)
Session	Two
Topic	Evaluation Tools and Mapping with Student Performance
Resource Person	Dr.SmitaBhamare, Professor, College of Education, Pune.
Time	2:00 PM To 4:00 PM

Dr.SmitaBhamare, Professor, College of Education, Pune.has delivered an informative lecture on "Evaluation Tools and Mapping with Student Performance". In this session participants were taught about different outcome based oral, practical and theoretical tools and techniques of evaluation. Also with the help of an illustration she has explained mapping of these tools and techniques with student's performance.

Date	24ᵗʰ May 2023 (Day-3)
Session	One
Topic	Reforms in Teaching Techniques and Methodology
Resource Person	Dr.R.S.Jahagirdar Principal, International Centre of Excellence in Engineering &Management, Aurangabad.
Time	11:15 AM To1:15 PM

Dr.R.S.Jahagirdar, Principal, International Centre of Excellence in Engineering & Management,

Aurangabad has illuminated on "Reforms in Teaching Techniques and Methodology". In this session participants were gained the knowledge of different reforms in teaching techniques in OBE and reforms in teaching methodologies in outcome based education (OBE). Also he has presented one case study illustrating reforms in teaching techniques and methodology.

Date	24th May 2023 (Day-3)
Session	Two
Topic	National Education Policy (NEP)-2020
Resource Person	Prof.Vinayak S.More Assistant Professor, GVM's Dr. Dada Vaidya College Of Education, Farmagudi, Ponda,Goa.
Time	2:00 PM To 4:00 PM
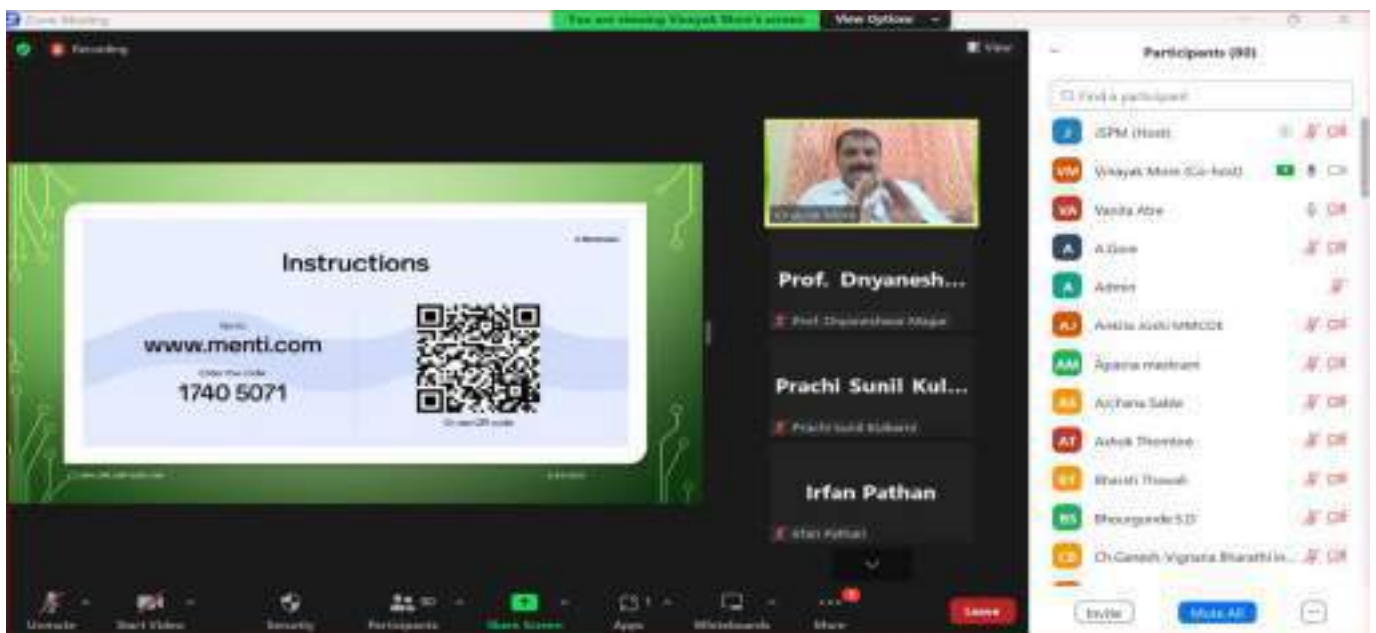
Prof.Vinayak S.More ,Assistant Professor,GVM's Dr. Dada Vaidya College Of Education, Farmagudi,Ponda,Goa has discussed on "National Education Policy (NEP)-2020".He started his session with brief introduction of different educational commissions of Independent India and gave insightful talk on different recommendations in National Education Policy (NEP)-2020. His presentation was both informative and engaging, and participants learned a lot from his expertise on the topic. Participants were solved their queries regarding National Education Policy (NEP)-2020, by asking question during the session.

Date	25th May 2023 (Day-4)
Session	One
Topic	Behavioral Aspects of Teachers with Students
Resource Person	Prof.Isak Mujawar Former Associate Professor & Dean, N.K.Orchid College of Engg. & Tech.Solapur.
Time	11:15 AM To 1:15 PM

Prof.Isak Mujawar, Former Associate Professor & Dean, N.K.Orchid College of Engg. & Tech.Solapur has conducted very nice session on "Behavioral Aspects of Teachers with Students". With the help of informative, attractive and engaging PPT's he discussed about different behavioral aspects of teachers concerned with students. In this session participants realized the significance of these behavioral aspects of teachers in all round development of student.

Date	25th May 2023 (Day-4)
Session	Two
Topic	Inculcating and Imparting Outcome Based Education in Engineering Education
Resource Person	Dr.Aarti Dandavate,Professor, Dhole Patil COE ,Pune.
Time	2:00 PM To 4:00 PM

Dr.Aarti Dandavate,Professor, Dhole Patil COE ,Pune has delivered session on "Inculcating and Imparting Outcome Based Education in Engineering Education". In this session, using informative PPT's she has discussed about outcome based teaching methods, outcome based evaluation tools, Blooms taxonomy and assignments etc.Also she cleared doubts asked by participants and participants realized the importance of OBE in Engineering education and traditional education.

Date	26th May 2023 (Day-5)
Session	One
Topic	Innovative Teaching Aids-Digital Skill
Resource Person	Dr.Ashwini Deshpande Associate Professor at Dept. of E &TC Engg., MKSSS's Cummins College of Engineering for Women,Pune.
Time	1:15AM To1:15PM

A discussion on "Innovative Teaching Aids-Digital Skill" was delivered by **Dr.Ashwini Deshpande,** Associate Professor, Dept. of E &TC Engg., and MKSSS's Cummins College of Engineering for Women, Pune. In this session participants got important knowledge about different innovative teaching aids. Through informative PPT's she has illustrated applications of innovative teaching aids in effective teaching –learning process.

Date	26thMay 2023(Day-5)
Session	Two
Topic	Role of Professional Bodies in OBE
Resource Person	**Dr.Y.S.Angal,** Professor,HOD,E&TC,BSIOTR,Pune.
Time	2:00 PM To 3:00 PM
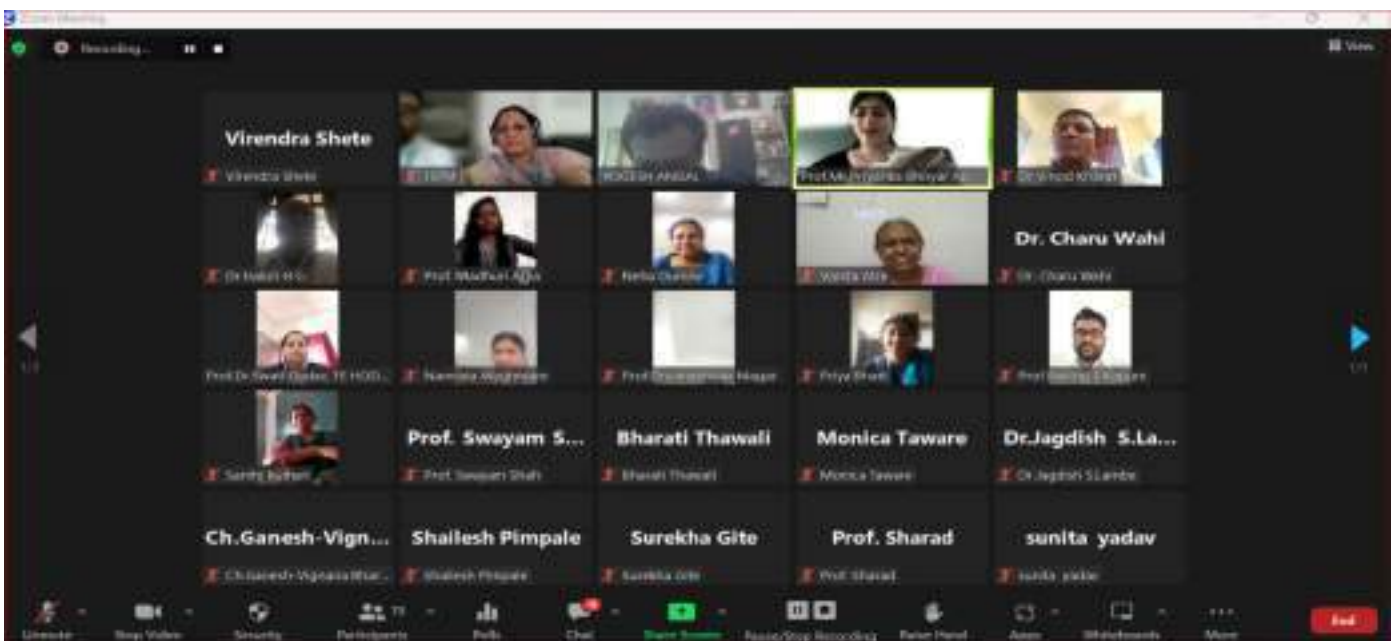
Dr.Y.S.Angal, Professor,HOD,E&TC,BSIOTR,Pune has delivered session on "Role of Professional Bodies in OBE". In this session, through PPT's he has discussed about different professional bodies concerned with science and technology ,their role in development of students and role of these bodies in OBE.

Valedictory Session	
Date	26th May 2023 (Day-5)
Time	3:00 PM

The esteemed personalities present on the Valedictory of the Program:

Dr.V.V. Shete	Chairman,IETE, Pune Centre.	Chief Guest
Dr.T.K.Nagaraj	Principal,BSIOTR,wagholi,Pune.	Host
Dr.Y.S.Angal	HOD(E&TC),BSIOTR,wagholi,Pune.	Host
Dr.Swati Godse	HOD, Department of Engineering Science, BSIOTR, Pune.	Host

      All the personalities appreciated the department for organizing the FDP.The program was ended with vote of thanks by Mrs.Suchipriya Malge,Asst.Prof.,Electronics & Telecommunication Dept., JSPM's BSIOTR & Coordinator of the FDP.The FDP received a lot of positive feedback from faculty members from many institutes of India.There were 160 enthusiastic participants in total, who took part in the 5-day online FDP. Each session was of Minimum 60 minutes & Maximum 120 minutes and included open questions,answer session.Zoom meeting was the plat form used for each sessionlinks (Link:https://us02web.zoom.us/j/89199231351?pwd=SU5nbk15RFZzMkpZcXVHaDBpc1MyUT09 Zoom meeting ID:89199231351 Password:544247); feedback links were shared,MCQ Test was conducted at the end of FDP.The registered participants were engaged in a special Whats App group.

The recordings are being uploaded on the Google Drive(http://drive.google.com/drive/folders/1tV9lU35oz9VuWVN77850MeAf7utSveiC?usp=sharing) .160 E-certificates were awarded to all registered participants by sharing Google Drive Link.The FDP was concluded on the tanks giving note to the Chief Guest, Management, Campus Director, Principal,Deans and all the Participants.

Sample FDP Certificate:
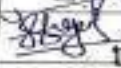

JSPM's

Bhivarabai Sawant Institute of Tech. & Research, Wagholi, Pune.

Accredited by NAAC ,Bengaluru.(Electrical, E & TC and IT accredited by NBA, New Delhi.)

CERTIFICATE OF PARTICIPATION

This certificate is presented to

Amit Khandagale

of Ajeenkya D Y Patil school of Engg.

has participated in One Week National Level Online Faculty Development Program On "Outcome Based Education through Student Centric Teaching-Learning Process" held from 22/05/2023 to 26/05/2023 Organized by Department of Engineering Science , BSIOTR Wagholi,Pune in association with "IETE Pune Centre"& "IEEE Communication Society Pune Chair".

Coordinator
Dr.Manjusha Patil

Coordinator
Mr.S.D.Bhourgunde

Convener
Dr.Swati Godse

Principal
Dr.T.K.Nagaraj
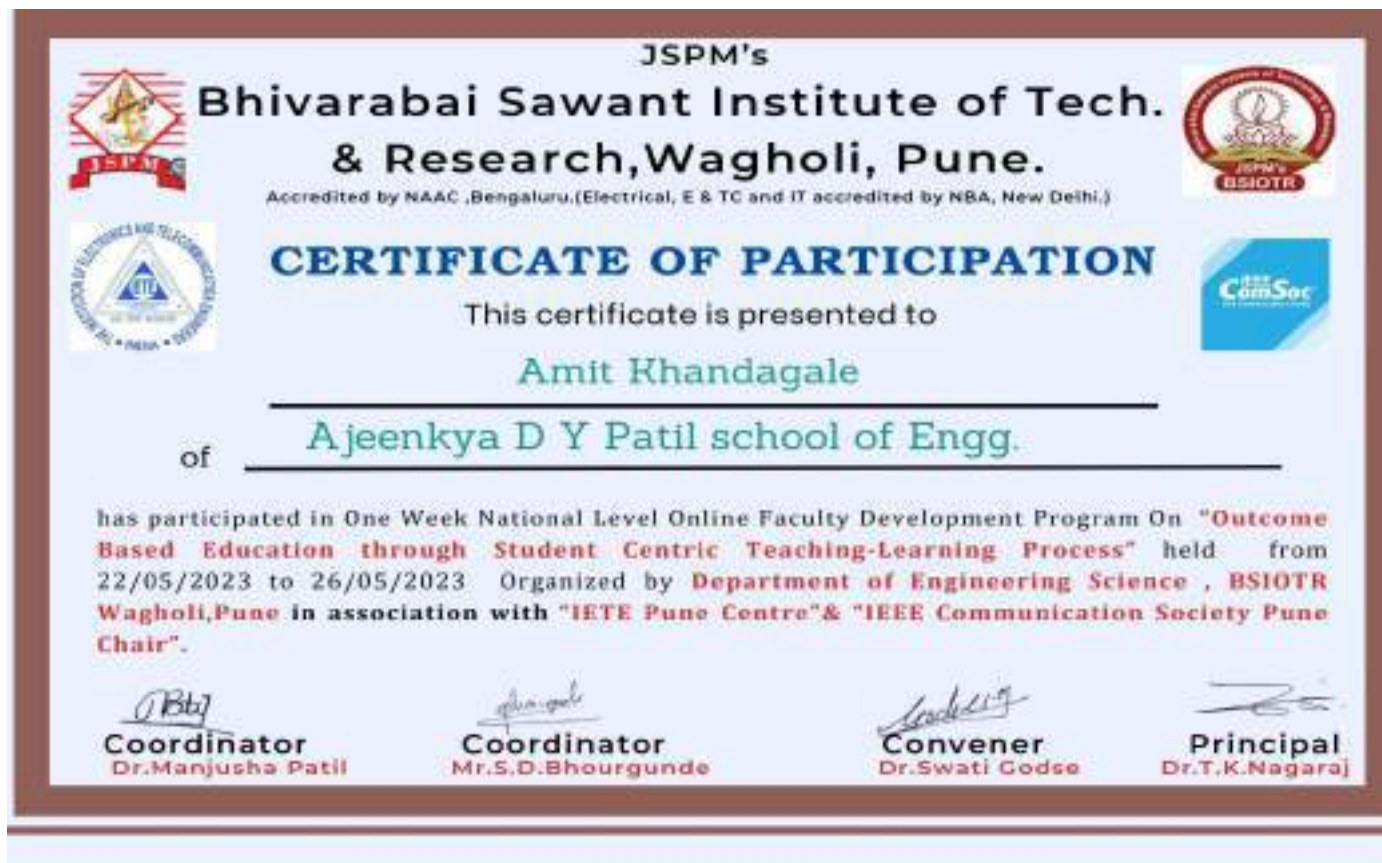
FDP Outcome:

All the sessions were very much informative and inspirational. The discussed topics are of great benefit for the participants as the topics match with the current working domain. Participants were enlightened reforms in teaching techniques and methodologies, behavioral aspects of teachers with students, new skill sets, evaluation tools , role of teachers in OBE ,national education policy (NEP)-2020.This will definitely helpful to participants in teaching-learning activity.

Outcome No.	Faculty Development Program Outcome
1	Understand reforms in teaching techniques and methodologies and apply in teaching- learning process.
2	Understand new skills and apply in teaching-learning process.
3	Understand behavioral aspects of teachers with students and apply while dealing with students.
4	Understand innovative teaching aids (digital skills) and apply teaching-learning process.
5	Understand recommendations of national education policy (NEP)-2020

6	Understand role of teachers in OBE and implement while dealing with educational activity.
7	Understand different evaluation tools and map with student performance.
8	Implement outcome based education in their institute.
9	Understand role professional bodies in OBE and takes benefit of the same for student development.

Co-Ordinators	**Dr.Manjusha Patil** (Assistant Professor, Department of Engineering Science).
	Mr.S.D.Bhourgunde (Assistant Professor, Department of Engineering Science).
Convener	**Dr.Swati Godse**, HOD,Department of Engineering Science
Principal	Dr.T. K. Nagaraj,Principal, BSIOTR,Wagholi,Pune.

FE HOD
Dr. Swati Godse

Principal
Dr. T. K. Nagaraj

JSPM's

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI, PUNE 412 207

Gate No. 720/2, Nagar Road, Wagholi, Pune, Maharashtra 412207
Approved By AICTE, New Delhi, Govt.Of Maharashtra & Affiliated To Savitribai Phule Pune University

ANNUAL REPORT

Gate No. 720/2, Nagar Road, Wagholi, Pune, Maharashtra 412207
Approved By AICTE, New Delhi, Govt.Of Maharashtra & Affiliated To Savitribai Phule Pune University

ACADEMIC YEAR 18-19

Institute's Vision

"Satisfy the aspirations of youth force, who want to lead nation towards prosperity through techno-economic development."

Institute's Mission

"To provide, nurture and maintain an environment of high academics excellence, research and entrepreneurship for all aspiring students, which will prepare them to face global challenges maintaining high ethical and moral standards."

Introduction:

The Jayawant Shikshan Prasarak Mandal is a charitable educational trust, a pioneer in imparting quality technical education in the field of Engineering, Pharmacy, Management, Computer Applications etc. It has established five campuses in Pune at Tathawade, Hadapsar, Wagholi & Bavadhan & Narhe. Each campus consists institutes of global competitiveness.

Bhivarabai Sawant Institute of Technology & Research (BSIOTR) is one among the competent engineering colleges, established in 2009-10 and is situated on a picturesque heart throbbing landscape at Wagholi on Nagar –Pune Road. The institute offers Under Graduate courses in Electrical Engineering, Computer Engineering, Information Technology, Electronics & Telecommunication, Mechanical Engineering. The core strength of this institute is highly qualified, dedicated & experienced faculty, well equipped laboratories and state of art infrastructure.

Faculty members in this institute strive hard to impart quality technical knowledge so as to produce the technocrats of futuristic vision. The Institute promotes Research activities which provide a platform to enhance the research attitude. The students who aspire to become engineers are groomed with appropriate technology expected in the industries. Technical forums, student associations and study groups are the avenues in the institute to enhance the technical & softskills. The students are oriented and counseled through an unique concept of Guardian Faculty Member. A teacher is GFM for a group of students (not more than 20) who is responsible to guide the students through counselling to achieve academic excellence.

BSIOTR is a temple of knowledge where technocrats who are responsible for the techno-economical growth of the nation are produced.

Principals Message:

Jayawant Shikshan Prasarak Mandal's Bhivarabai Sawant Institute of Technology & Research (BSIOTR) is an institution where students are groomed into technocrats having the skill sets compatible to the industries/employers and the society at large. The academic infrastructure of the institute is having state of the art facilities like smart boards, virtual class rooms and internet and Wi-Fi enabled class rooms to facilitate the teacher to implement the well-crafted curriculum in an effective manner to achieve the goal of outcome based education. Different teaching methodologies and modern teaching tools adopted by the teacher in teaching-learning process, supplemented with extra-curricular and co-curricular activities help the students to acquire the skills required to pursue their dream career. We believe in strong and cordial interaction between teachers and students which is an essential parameter to help the students to achieve greatness in academics, extracurricular and co-curricular achievements. This is being practiced in this institute with great care and devotion. BSIOTR expects its graduating students to excel with their skills both inside and outside of the classroom. I would like to express through this message that, you being part of this institution as a student or staff member, would definitely feel proud of yourself because of its excellent teaching-learning environment and commitment to serve the nation for its techno-economic development. I welcome all the students who wish to be part of BSIOTR to fulfill their aspirations of becoming an able engineer who will fulfil the needs of the industries, society and the nation. Good intention and smart efforts never go waste. And team work is a key factor for success. So we believe in team work for grooming the students.

Dr. T. K. Nagaraj
Principal
JSPM'S BSIOTR WAGHOLI,
PUNE 412207

Good Better Best, Never Let It Rest…..

We at JSPM are committed to provide value based quality education maintaining pace with changing technology to produce competent and skilled professionals ready to accept global challenges.

QUALITY OBJECTIVES

1. To inculcate the Motto "Excel and Prevail."
2. To imbibe quality consciousness at all levels of the staff.
3. Strict NO to compromise with quality.
4. Strive to do still better.
5. Discourage Short Cuts.

Academic Activities:

- In academic year 2018-19 total no of students admitted in FE -270 against intake sectioned 492, in DSE -345 and PG-11 including all SE, TE, BE total number of students are 1787.

- Total Number of Teaching staff in Academic year 2018-19 are 125 and non-teaching staff 82.

- As per requirement of NBA we have starts to inculcate OBE concept to faculty members and students.

- Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on Institute website.

- Numbers of full time teachers are ten (10) with NET/SET/Ph.D. in academic year 2018-19 in JSPM's BSIOTR.

- The MOODLE is being used for Assessment and Evaluation by conduction of tests, assignments and mini-projects.

- Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the 834 and successfully completed.

- Institution integrates cross cutting issues into the curriculum by offering the audit courses prescribed by affiliating university, which address cross cutting issues. In addition the various community approach activities are also conducted under the banner of National Service Scheme (NSS) and Student Development Cell (SDC).

- Other activities initiated by the institute Blood donation camp: Inculcating human values Tree plantation: Environment and Sustainability Celebration of birth anniversary of great Indian personalities: Inculcating human values & culture Visit to Orphanage : Inculcating human values and social responsibility. Speech by spiritual leaders: Professional Ethics, Gender, Human Values, Community approach activities under NSS camp: Social Responsibilities.

- Feedback collected, analyzed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website.

- The Project Based Learning is adopted for the self-study components. The students have to do projects pertaining to a course. The final year Projects are mentored and

evaluated by externals from other institutes and industry. These projects are evaluated by a well-defined detailed rubrics framework to ensure quality of the projects. The best projects are sponsored to attend the project competitions.

- Audit courses as per syllabus of SPPU and 20 Value added programmes are conducted on various topics. The students are also trained towards abstract writing, technical paper writing and literature survey.

- The OBE is practiced in true spirit resulting in more focused all-round development of our students.

- Modern Tool Usage: Wi-Fi enabled smart Boards, LCD projectors, MOODLE are used in teaching learning process.

- Industry-Institute-Interaction: Soft Skill training programs, Expert lectures, industrial visits are conducted with the industry personnel for enhancing the learning levels of the graduates.

- Grant received from BCUD SPPU is one lakh.

- Centre for Innovation Incubation and Entrepreneurship Development (CIIED) within institute

- Research Initiatives: Project funding schemes are offered to encourage students to undertake research projects. Project based learning and internships are encouraged and students have completed it successfully. Financial support was provided by the management to students to participate in project competitions, conferences, publications in journal.

- Technical Clubs/Labs: The Institution has well equipped and dedicated labs, technical clubs for development of innovative projects. e.g. Robotics and E-Yantra Lab, Coders Club, etc.

- Professional Society Chapters - The Institution has well established chapters under professional societies like IEEE, ISTE, IETE, CSI, Various project competitions, seminars, community development activities, etc are organized under the societies.

- Centre for Innovation Incubation & Linkage: This cell established in collaboration with the affiliating university to promote innovation and incubation..

- National Service Scheme: NSS unit (Unit No:A98)recognized by affiliating university (Savitribai Phule Pune University) for 100 students is one of the platform

created for conduction of community approach activities to help the students to sensitize them towards social problems, environment and sustainability, giving back to society etc

- 14 activities have been conducted under National Service Scheme.

- Workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship are five (15) in umbers.

- 144 research papers are published in the Journals notified on UGC CARE during 2018-19.

- 15 books and chapters are published during 2018-19

- Total 07 functional MoUs have signed with institutions/ industries in India for internship, on-the-job training, project work and collaborative research during AY 2018-19.

Result AY 2018-19:

- Number of final year students who passed the university examination in academic year 2018-19 are 397 out of 418.

- 133 students placed and progressed to higher education year wise during 2018-19.

- 7 students qualifying in state/ national/ international level examinations year wise during 2018-19 (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

- 03students awarded for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during 2018-19.

- 20 students in project completions, paper presentation of the Institution participated during 2018-19

Infrastructure:

- The Institution provides adequate facilities and ensures the best possible utilization of physical infrastructure to support the teaching-learning process, co-curricular, extracurricular activities and an ecosystem for research and innovation.

- The infrastructure and facilities fulfill the norms laid by AICTE, DTE, and SPPU.

- Physical infrastructure like Classrooms, Tutorial Rooms, Laboratories, Machine Shop (Workshop) and Seminar Halls are available to conduct session/Expert talk etc.

- In addition to this, the Institution has distinctive auditorium with seating capacity of 320 people, administrative rooms, and examination control room, central and departmental libraries, a computer center, two language laboratories, Video Conferencing Room, Sick room and ambulance available 24/7.

- The Institution has adequate number of ICT-enabled classrooms and seminar halls. All classrooms and seminar halls have Wi-Fi/internet facilities for an effective teaching-learning process. They are well equipped with green boards, LCD projectors, and Smart boards.

- An expenditure of 47.16 lakhs has been allocated and expended for the development of infrastructure, reflecting a commitment to enhancing the overall growth and progress of the designated area.

- Band Width: 100 Mbps Content Ratio: 1:1(Gold) Campus Level Updating: 100 Mpbs to 200Mpbs.

- 165.63 Lakhs, Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during academic year 2018-19.

- 1474 students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the 2018-19.

- 63 activities organized in capacity development and skills enhancement activities are organized for improving students' capability 1.Soft skills 2.Language and communication skills 3.Life skills (Yoga, physical fitness, health and hygiene) 4.ICT/computing skills

- One thousand and eighty two (1082) students get benefitted by guidance for competitive examinations and career counseling offered by the Institution during the 2018-19.

- The Alumni Association was registered with the charity commissioner office in August 2017(MAHA/1097/2017/Pune).

- Alumni contributed in terms to deliver the expert session as their expertise. (Guiding

and Motivating)

- Institution implements e-governance in its operations 1.Administration 2.Finance and Accounts 3.Student Admission and Support 4.Examination.

- 25 teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during 2018-19.

- 126 (45+81) teaching and non-teaching staff members participated in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the academic year 2018-19.

- The institute has a strong ethical work culture that is based on inclusivity. Gender sensitivity is an inherent value in the cultural ethos of the institute as is evidenced by the following facilities – Safety and Security, Counseling.

- National and international commemorative days, events and festivals celebrated by students associations. The Institution celebrates Engineer's Day on 15th September to recognise and honour the achievements of the great engineer Sir Mokshagundam Visvesvaraya. Various national festivals and Women's day is celebrated on International Women's Day i.e. 8th March to show respect towards women in all the efforts taken by them to manage their personal and professional life and for their contributions. International Yoga Day is celebrated in the Institution on 21st June to bring awareness about the health benefits of yoga among the students and the faculties. Gender audit is carried out to evaluate participation of male and female students in various types of events.

Library Facilities:

- The central library is automated with software and is equipped with e-resources.

- Open access software "Koha" is used for management of library support.

- OPAC software used for quick access to library resources.

- There are a total of 3646 titles and 16644 volumes

- A digital library is made available for browsing/searching.

- The reading room is well furnished with seating capacity of around 200 students / faculty.

Conclusion:

The institution is implementing the teaching–learning process with a well-planned process keeping in mind the importance of Outcome Based Education for a diversified student fraternity to make them capable of pursuing their professional career with moral and ethical values for socio-economic development. It is a great opportunity for the institution to shape the future of the students with Academic Flexibility, student-centric activities, project-based learning, internships, community approach activities etc. At the same time it is a great challenge for the institute to make the students industry-ready to cope up with the ever-changing technologies. The learner-centered teaching process through appropriate methodologies such as participative learning, experiential learning and collaborative learning modes, is facilitating effective learning. The institution's Teachers' readiness and expertise in the use of ICT tools and teaching methodologies help the students in their learning process. The key factor which should not be missed out to mention here is the honest and committed Governance and the support rendered by the institution's management in academic and administrative process by providing all necessary amenities, facilities and financial support.

Dr. T. K. Nagaraj

Principal
JSPM'S BSIOTR WAGHOLI,
PUNE 412207

JSPM's

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI, PUNE 412 207

Gate No. 720/2, Nagar Road, Wagholi, Pune, Maharashtra 412207
Approved By AICTE, New Delhi, Govt.Of Maharashtra & Affiliated To Savitribai Phule Pune University

ANNUAL REPORT
Academic Year 19-20

Gate No. 720/2, Nagar Road, Wagholi, Pune, Maharashtra 412207
Approved By AICTE, New Delhi, Govt.Of Maharashtra & Affiliated To
Savitribai Phule Pune University

Introduction:

JSPM's Bhivarabai Sawant Institute of Technology and Research (BSIOTR) is approved by the All India Council for Technical Education (AICTE) and Directorate of Technical Education (DTE) Government of Maharashtra and Affiliated to Savitribai Phule Pune University (SPPU), Maharashtra State. The institute is a self-financed private organization established in the year 2009. It is located at GAT No.720/1&2, Pune-Nagar road, Wagholi, Pune and its geographical location is latitude 18.58614 and longitude 74.003956. The institute is offering full-time five undergraduate courses and two post-graduate courses in an engineering discipline. Eleven batches of students have graduated from the institute. The institution is committed to imparting quality technical education to achieve its vision and mission.

The institute is offering five undergraduate and two postgraduate programs affiliated to the Savitribai Phule Pune University (SPPU). The Institution provides adequate facilities and ensures the best possible utilization of physical infrastructure to support the teaching-learning process, co-curricular, extracurricular activities and an ecosystem for research and innovation. The infrastructure and facilities fulfil the norms laid by AICTE, DTE, and SPPU. The facilities are regularly upgraded considering the need of stake holders.

Institute's Vision

"Satisfy the aspirations of youth force, who want to lead nation towards prosperity through techno-economic development."

Institute's Mission

"To provide, nurture and maintain an environment of high academics excellence, research and entrepreneurship for all aspiring students, which will prepare them to face global challenges maintaining high ethical and moral standards."

Principals Message:

JSPM's Bhivarabai Sawant Institute of Technology & Research (BSIOTR) is an institution where students are groomed into technocrats having the skill sets compatible to the industries/employers and the society at large. The academic infrastructure of the institute is having state of the art facilities like smart boards, virtual class rooms and internet and Wi-Fi enabled class rooms to facilitate the teacher to implement the well-crafted curriculum in an effective manner to achieve the goal of outcome based education. Different teaching methodologies and modern teaching tools adopted by the teacher in teaching-learning process, supplemented with extra-curricular and co-curricular activities help the students to acquire the skills required to pursue their dream career. We believe in strong and cordial interaction between teachers and students which is an essential parameter to help the students to achieve greatness in academics, extracurricular and co-curricular achievements. This is being practiced in this institute with great care and devotion. BSIOTR expects its graduating students to excel with their skills both inside and outside of the classroom. I would like to express through this message that, you being part of this institution as a student or staff member, would definitely feel proud of yourself because of its excellent teaching-learning environment and commitment to serve the nation for its techno-economic development. I welcome all the students who wish to be part of BSIOTR to fulfill their aspirations of becoming an able engineer who will fulfil the needs of the industries, society and the nation. Good intention and smart efforts never go waste. And team work is a key factor for success. So we believe in team work for grooming the students.

Dr. T. K. Nagaraj
Principal
JSPM'S BSIOTR WAGHOLI,
PUNE 412207

STRENGTH, WEAKNESS, OPPORTUNITY AND CHALLENGES (SWOC):

- **Institutional Strength:** 1. Prepared to implement NEP-2020 2. Teaching Faculty upskilling policy 3. Student-Centric ICT enabled Teaching-learning 4. Dedicated faculty members. 5. Structured Mentoring System 6. Extensive Use of modern teaching tools and Resources.

- **Institutional Weakness:** 1.Liaoning with research organization 2. MOUs with foreign Universities

- **Institutional Opportunity:** 1. Implementation of NEP-2020 2. Innovations through Research 3. Imbibing entrepreneurship skills to budding entrepreneurs 4. Collaborative activities with industry and institutions. 5. Multidisciplinary approach.

- **Institutional Challenge:** 1. changing the learning style of students from exam-oriented learning to knowledge-based learning applicable to real-life 2. Making students ready for fast-changing scenarios in industries, due to limited flexibility. 3.Making the students industry ready coping up with ever changing technological developments and its applications.

Enrollment and Admission:

- In the academic year 2019-20, the institution witnessed a total of 259 students admitted in the First Year Engineering (FE) program, compared to the allocated intake of 492. In the Direct Second year (DSE) 229 students have been admitted. Existing SE-196, TE-480 and BE-461. Total UG students are in the AY 2019-20- 1644.

- The Postgraduate (PG) program, which includes students ME-I and ME-II total enrolled students are 19. Collectively, across all engineering disciplines, the institution welcomed a total of 1625 students during this academic period 2019-20.

Faculty and Staff:

- In the academic year 2019-20, the institution employed a total of one hundred and thirty teaching staff members. Additionally, there were eighty one non-teaching staff members contributing to the overall functioning of the institution.

- This collaborative effort from both teaching and non-teaching staff played a crucial role in maintaining the academic and operational excellence of the institution during that period.

- Expenditure excluding salary component year wise during the years 2019-20 is 350.72 (INR in lakhs)

- Numbers of full time teachers are elven with NET/SET/Ph.D. in academic year 2019-20 in JSPM's BSIOTR.

- Nine faculty members registered their Ph.D. in different universities

Curriculum and Program Updates:

- Well-planned and implemented curriculum by adhering to academic calendar.

- For effective delivery of curriculum more emphasis is given on Teaching methods & Techniques, Quality of delivery of content, Continuous Internal Evaluation, Remedial measures for slow learners, Use of ICT tools and Project Based Learning.

- Continuous assessment of the student is carried out using various assessment tools to ascertain attainment level of the students. Remedial actions are taken for slow learners.

- Video links from NPTEL are provided to students for self-learning. The MOODLE is being used for Assessment and Evaluation by conduction of tests, assignments and mini-projects. Self-made videos are used to explain the laboratory experiments.

- Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes

offered by the institution are stated and displayed on Institute website.

- The MOODLE is being used for Assessment and Evaluation by conduction of tests, assignments and mini-projects.

- Twenty three (23) add-on courses, Value added, courses, workshops, seminar conducted during 2019-20

- 845 eight hundred and forty five students from all programs has been enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students 1644 during 2019-20 and successfully completed.

- Institution integrates cross cutting issues into the curriculum by offering the audit courses prescribed by affiliating university, which address cross cutting issues. In addition the various community approach activities are also conducted under the banner of National Service Scheme (NSS) and Student Development Cell (SDC).

- Other activities initiated by the institute Blood donation camp: Inculcating human values Tree plantation: Environment and Sustainability Celebration of birth anniversary of great Indian personalities: Inculcating human values & culture Visit to Orphanage : Inculcating human values and social responsibility. Speech by spiritual leaders: Professional Ethics, Gender, Human Values, Community approach activities under NSS camp: Social Responsibilities.

- Feedback collected, analyzed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website.

- The Project Based Learning is adopted for the self-study components. The students have to do projects pertaining to a course. The final year Projects are mentored and evaluated by externals from other institutes and industry. These projects are evaluated by a well-defined detailed rubrics framework to ensure quality of the projects. The best projects are sponsored to attend the project competitions.

- Audit courses as per syllabus of SPPU and twenty three Value added programmes are conducted on various topics. The students are also trained towards abstract writing, technical paper writing and literature survey.

- The OBE is practiced in true spirit resulting in more focused all-round development of our students.

- Modern Tool Usage: Wi-Fi enabled smart Boards, LCD projectors, MOODLE are used in teaching learning process.

- Industry-Institute-Interaction: Soft Skill training programs, Expert lectures,

industrial visits are conducted with the industry personnel for enhancing the learning levels of the graduates.

- Eight hundred and forty students completed online courses of MOOCs, SWAYAM, NPTEL with value added courses and add-on as well.

Research and Publications:

- Grant received from BCUD SPPU and other funding agencies is point one five 4.48 lakhs.

- Centre for Innovation Incubation and Entrepreneurship Development (CIIED) within institute by Industry.

- Research Initiatives: Project funding schemes are offered to encourage students to undertake research projects. Project based learning and internships are encouraged and students have completed it successfully. Financial support was provided by the management to students to participate in project competitions, conferences, publications in journal.

- Technical Clubs/Labs: The Institution has well equipped and dedicated labs, technical clubs for development of innovative projects. e.g. Robotics and E-Yantra Lab, Coders Club, etc.

- Professional Society Chapters - The Institution has well established chapters under professional societies like IEEE, ISTE, IETE, CSI, Various project competitions, seminars, community development activities, etc are organized under the societies.

- Centre for Innovation Incubation & Linkage: This cell established in collaboration with the affiliating university to promote innovation and incubation.

- Research Initiatives: Project funding schemes are offered to encourage students to undertake research projects. Project based learning and internships are encouraged and students have completed it successfully. Financial support was provided by the management to students to participate in project competitions, conferences, publications in journal.

- Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES):This scheme was sanctioned by All India Council for Technical Education for academic year 2019-20 with financial assistance of Rs.100000/- with equal contribution from the management. Under this scheme different clubs as listed below are established in Institute for students activities.

- Cultural Club ("Balgandharva") 2. Personality Club("Swami Vivekanand ") 3. Technical Club(" C. V. Raman") 4. Social Club(" Baba Amte") 5. Sports Club ("

P. V. Sindhu")

- Forty seven (47) research papers are published in the Journals notified on UGC CARE during 2019-20.

- Twenty (20) books and chapters are published during 2019-20

Outreach and extension Activieies:

- National Service Scheme: NSS unit (Unit No:A98)recognized by affiliating university (Savitribai Phule Pune University) for 156 students is one of the platform created for conduction of community approach activities to help the students to sensitize them towards social problems, environment and sustainability, giving back to society.

- Twenty seven (27) activities have been conducted under National Service Scheme.

- Workshops/seminars/conferences including programs conducted on Research Methodology,

- Intellectual Property Rights (IPR) and entrepreneurship are twenty (20) in umbers during 2019-20.

- Eight functional MoUs have signed with institutions/ industries in India for internship, on-the-job training, project work and collaborative research during AY 2019-20.

- The institution promotes various extension activities under National Service Scheme (NSS), IETE & IEEE Student Chapter and various clubs established at the institute. A Scheme for Promoting Interests, Creativity and Ethics among Students(SPICES) was sanctioned by All India Council for Technical Education with financial assistance of Rs.100000/- with equal contribution from the management. Under this scheme different clubs namely 1. Cultural Club ("Balgandharva") 2. Personality Club("Swami Vivekanand ") 3. Technical Club(" C. V. Raman") 4. Social Club(" Baba Amte") 5. Sports Club (" P. V. Sindhu"). The main aim is to identify development challenges in rural area and propose appropriate solutions for accelerating sustainable growth. Entrepreneurship Development (ED) Cell at the Institution aims to encourage students to consider self-employment as a career option. Institution has received many awards for innovative projects.

- The main aim of the NSS Unit is to develop a sense of social and civic responsibility in the students. Several activities are carried out such as cleanliness, tree plantation, water conservation, use of solar energy, environmental awareness, national integrity, blood donation camps, health check-up camps, road safety and plastic eradication. In

addition to this, students volunteered during pandemic. The student volunteers have organized weekly camps in nearby adopted villages.

- Apart from this, departments have their department students associations to continuously encourage students to take active participation in welfare of society by engaging them in social activities. The participation in extension activities helps students in sensitizing towards social issues and encourages them to provide solutions. This leads towards holistic personality development of students.

Result AY 2019-20 and Participation:

- Number of final year students who passed the university examination in academic year 2019-20 are 467 out of 468.

- 1345 students get benefited of guidance for competitive examinations and career counseling offered by the Institution during 2019-20.

- 350 students placed and progressed to higher education year wise during 2019-20.

- Eleven (11) students qualifying in state/ national/international level examinations year wise during 2019-20

  (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

- Three students awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the2019-20, students in project completions, paper presentation of the Institution participated during 2019-20.

- 17 students participated in sports and cultural programs in which students of the Institution participated during 2019-20.

Infrastructure:

- The Institution provides adequate facilities and ensures the best possible utilization of physical infrastructure to support the teaching-learning process, co-curricular, extracurricular activities and an ecosystem for research and innovation.

- The infrastructure and facilities fulfill the norms laid by AICTE, DTE, and SPPU.

- Physical infrastructure like Classrooms, Tutorial Rooms, Laboratories, Machine Shop (Workshop) and Seminar Halls are available to conduct session/Expert talk etc.

- In addition to this, the Institution has distinctive auditorium with seating capacity of

three twenty people, administrative rooms, and examination control room, central and departmental libraries, a computer center, two language laboratories, Video Conferencing Room, Sick room and ambulance available twenty four by seven.

- The Institution has adequate number of ICT-enabled classrooms and seminar halls. All classrooms and seminar halls have Wi-Fi/internet facilities for an effective teaching-learning process. They are well equipped with green boards, LCD projectors, and Smart boards.

- An expenditure of 101.69 lakhs has been allocated and expended for the development of infrastructure, reflecting a commitment to enhancing the overall growth and progress of the designated area.

- Internet and WI-FI facility: Provider: TATA-Teleglobal Communications Private Limited Band Width: 300 Mbps Content Ratio: 1:1(Gold) Campus Level Updating: 200 Mpbs to 500Mpbs, Date of Updating: 02/05/2022 Smart boards with internet/Wi-Fi for ICT enabled teaching.

- Audio-Video System in class room for NPTEL video lecture. ICT facility with LCD projector and Audio System in class rooms

- 16.22 Lakhs, Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during academic year 2019-20.

- Application Software's(Licensed/Open Source) are there in all departments as per requirement.

- 1353 students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the 2019-20.

- Sixty three (63) activities organized in capacity development and skills enhancement activities are organized for improving students' capability 1.Soft skills 2.Language and communication skills 3.Life skills (Yoga, physical fitness, health and hygiene) 4.ICT/computing skills in academic Year 2019-20.

- 1449 one thousand four hundred and forty nine students get benefitted by guidance for competitive examinations and career counseling offered by the Institution during the 2019-20.

- The Alumni Association was registered with the charity commissioner office in August 2017(MAHA/1097/2017/Pune).

- Alumni contributed in terms to deliver the expert session as their expertise. (Guiding

and Motivating)

- Institution implements e-governance in its operations 1.Administration 2.Finance and Accounts 3.Student Admission and Support 4.Examination.

- Thirty teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during 2019-20.

- One hundred and four (104+80) teaching and non-teaching staff members participated in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the academic year 2019-20.

- The institute has a strong ethical work culture that is based on inclusivity. Gender sensitivity is an inherent value in the cultural ethos of the institute as is evidenced by the following facilities – Safety and Security, Counseling.

- National and international commemorative days, events and festivals celebrated by students associations. The Institution celebrates Engineer's Day on 15th September to recognise and honour the achievements of the great engineer Sir Mokshagundam Visvesvaraya.

- Various national festivals and Women's day is celebrated on International Women's Day i.e. 8th March to show respect towards women in all the efforts taken by them to manage their personal and professional life and for their contributions. International Yoga Day is celebrated in the Institution on 21st June to bring awareness about the health benefits of yoga among the students and the faculties. Gender audit is carried out to evaluate participation of male and female students in various types of events.

Library Facilities:

- The central library is automated with software and is equipped with e-resources.

- Open access software "Koha" is used for management of library support.

- OPAC software used for quick access to library resources.

- There are a total of 3646 titles and 16644 volumes including special books to develop reading habits.

- A digital library is made available for browsing/searching.

- The reading room is well furnished with seating capacity of around 200 students / faculty.

- The institutional governance and leadership are in accordance with the vision and

mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

- Vision Statement of the Institution To satisfy the aspirations of the youth force, who wants to lead the nation towards prosperity through techno-economic development. Mission Statement of the Institution To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring students, which will prepare them to face global challenges maintaining high ethical and moral standards. The Institution's Vision emphasizes creating workforce to lead the nation towards prosperity through techno-economic development.

- To ensure the realization of the Vision, the Mission statements have created actionable areas with an emphasis on the development of entrepreneurial skills, the impetus for research and development activities, creating an environment of inclusiveness for the overall development of students.

- The Institution is working towards the accomplishment of the mission statements, which are clearly aligned to the vision. For the fulfilment of the stated mission, the leadership ensures the monitoring and enforcement of the policy statements and strategic action plans which are formulated based on careful consideration of all the stakeholders.

- Decentralization and participation The Institution promotes decentralization and participative management where each committee is given freedom to make a perspective development plan for smooth functioning.

- Effective leadership is visible through planning, implementing, and executing the quality policy of the Institution. The Institution has formed various committees that are constituted by staff members to manage different institutional activities and to promote academic leadership. The Principal discusses with the Heads of the Departments the needs, problems, suggestions for improvement in the educational quality, infrastructure, etc. to propose to the management for further action.

- As a part of the quality initiative the IQAC, statutory Committees, CDC, and Governing Body (GB) continuously work on quality improvement. The committees are headed by faculty in-charges and comprise inter-departmental teams along with student representatives.

- Measures initiated by the Institution for the promotion of gender equity The institute has a strong ethical work culture that is based on inclusivity. It observes the highest ethical standards in all its academic and administrative activities.

- Equal opportunities are provided to all individuals irrespective of gender, race, caste, colour, creed, language, or religion. Safety, security and well-being, along with gender equity and a friendly working atmosphere are the issues of prime concern to the institute. Gender sensitivity is an inherent value in the cultural ethos of the institute as is evidenced by the following facilities.

- Safety and Security Well-trained and vigilant women Warden and Assistant Wardens are appointed to the Girls Hostel. Security checkpoints are provided at all campus entries and exits. Strict implementation of Anti-Ragging measures is in place. A sufficient number of Security guards are deployed on institute premises for strict vigilance. The college campus is under surveillance with CCTV cameras. Women faculty members accompany female students when they participate in outdoor activities or tours.

- Counselling Guardian Faculty Member counsels the students during mentoring regarding academic performance, career plans and personal issues. Health Counselling, Values Counselling and Career Counselling take place periodically. Separate boys' and girls' common rooms are provided with the required facilities.

- The Institution has facilities and initiatives for 1.Alternate sources of energy and energy conservation measures 2.Management of the various types of degradable and nondegradable waste 3.Water conservation 4.Green campus initiatives 5.Disabled-friendly, barrier free environment.

- Guardian Faculty Member (GFM) Mentoring

- Every faculty member of the institute plays the role of mentor and the system is termed as Guardian Faculty Member System (GFM system). 20-25 students are assigned to each GFM. A fortnightly meeting is conducted by GFM with assigned students and various issues as mentioned in the context are discussed. The GFM meeting report is reviewed by the Head of the Department for necessary remedial actions to be taken.

- The issues which need the attention of the head of the Institute are brought to the notice for corrective actions. Immediate actions are taken so that the students feel cared for regarding Academic performance, personal issues and any issues with academic.

Conclusion:

The institution is dedicated to executing a well-structured teaching–learning process, emphasizing the significance of Outcome Based Education for a diverse student body. The goal is to equip students with the skills necessary to embark on their professional journeys while upholding moral and ethical values for socio-economic development. This presents a valuable opportunity for the institution to shape the future of its students, emphasizing Academic Flexibility, student-centric activities, project-based learning, internships, and community-oriented initiatives. Simultaneously, it poses a significant challenge to prepare students for the dynamic demands of industry and evolving technologies.

To address this challenge, the institution has embraced a learner-centered teaching approach employing methodologies such as participative learning, experiential learning, and collaborative learning modes, fostering effective learning. The institution's faculty members are well-prepared and proficient in utilizing Information and Communication Technology (ICT) tools and innovative teaching methods, enhancing the overall learning experience for students.

Noteworthy in this context is the institution's transparent and dedicated governance, coupled with unwavering support from the management. Their commitment is evident in facilitating both academic and administrative processes by providing essential amenities, state-of-the-art facilities, and necessary financial support. This holistic approach ensures a conducive environment for the holistic development of students.

Dr. T. K. Nagaraj

Principal
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PUNE 412207

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ACADEMIC YEAR 2020-21

ANNUAL REPORT 20-21

Gate No. 720/2, Nagar Road, Wagholi, Pune, Maharashtra 412207
Approved By AICTE, New Delhi, Govt.Of Maharashtra & Affiliated To Savitribai Phule Pune University

ACADEMIC YEAR 20-21

Institute's Vision

"Satisfy the aspirations of youth force, who want to lead nation towards prosperity through techno-economic development."

Institute's Mission

"To provide, nurture and maintain an environment of high academics excellence, research and entrepreneurship for all aspiring students, which will prepare them to face global challenges maintaining high ethical and moral standards."

Introduction:

The Jayawant Shikshan Prasarak Mandal is a charitable educational trust, a pioneer in imparting quality technical education in the field of Engineering, Pharmacy, Management, Computer Applications etc. It has established five campuses in Pune at Tathawade, Hadapsar, Wagholi & Bavadhan & Narhe. Each campus consists institutes of global competitiveness.

Bhivarabai Sawant Institute of Technology & Research (BSIOTR) is one among the competent engineering colleges, established in 2009-10 and is situated on a picturesque heart throbbing landscape at Wagholi on Nagar –Pune Road. The institute offers Under Graduate courses in Electrical Engineering, Computer Engineering, Information Technology, Electronics & Telecommunication, Mechanical Engineering. The core strength of this institute is highly qualified, dedicated & experienced faculty, well equipped laboratories and state of art infrastructure.

Faculty members in this institute strive hard to impart quality technical knowledge so as to produce the technocrats of futuristic vision. The Institute promotes Research activities which provide a platform to enhance the research attitude. The students who aspire to become engineers are groomed with appropriate technology expected in the industries. Technical forums, student associations and study groups are the avenues in the institute to enhance the technical & softskills. The students are oriented and counseled through an unique concept of Guardian Faculty Member. A teacher is GFM for a group of students (not more than 20) who is responsible to guide the students through counselling to achieve academic excellence.

BSIOTR is a temple of knowledge where technocrats who are responsible for the techno-economical growth of the nation are produced.

Principals Message:

Jayawant Shikshan Prasarak Mandal's Bhivarabai Sawant Institute of Technology & Research (BSIOTR) is an institution where students are groomed into technocrats having the skill sets compatible to the industries/employers and the society at large. The academic infrastructure of the institute is having state of the art facilities like smart boards, virtual class rooms and internet and Wi-Fi enabled class rooms to facilitate the teacher to implement the well-crafted curriculum in an effective manner to achieve the goal of outcome based education. Different teaching methodologies and modern teaching tools adopted by the teacher in teaching-learning process, supplemented with extra-curricular and co-curricular activities help the students to acquire the skills required to pursue their dream career. We believe in strong and cordial interaction between teachers and students which is an essential parameter to help the students to achieve greatness in academics, extracurricular and co-curricular achievements. This is being practiced in this institute with great care and devotion. BSIOTR expects its graduating students to excel with their skills both inside and outside of the classroom. I would like to express through this message that, you being part of this institution as a student or staff member, would definitely feel proud of yourself because of its excellent teaching-learning environment and commitment to serve the nation for its techno-economic development. I welcome all the students who wish to be part of BSIOTR to fulfill their aspirations of becoming an able engineer who will fulfil the needs of the industries, society and the nation. Good intention and smart efforts never go waste. And team work is a key factor for success. So we believe in team work for grooming the students.

Dr. T. K. Nagaraj
Principal
JSPM'S BSIOTR WAGHOLI,
PUNE 412207

Good Better Best, Never Let It Rest…..

We at JSPM are committed to provide value based quality education maintaining pace with changing technology to produce competent and skilled professionals ready to accept global challenges.

QUALITY OBJECTIVES

1. To inculcate the Motto "Excel and Prevail."
2. To imbibe quality consciousness at all levels of the staff.
3. Strict NO to compromise with quality.
4. Strive to do still better.
5. Discourage Short Cuts.

JSPM's Bhivarabai Sawant Instiute of Technology and Research, Wagholi, Pune
Institute Code:EN6311
Annual report -2020-21

1. Name of the Institution

- JSPM'S Bhivarabai Sawant Institute of Technology & Research, Wagholi, Pune

- Gat no:720/1&2, Nagar Road, Wagholi
  Pune-412207

- AddressincludingTelephone,Mobile: 020-65217050

  Gat no:720/1&2, Nagar Road, Wagholi
  Pune-412207

- MOBILE NO: 9922914761

- E-Mail: *principalbsiotr@gmail.com*

2. Name and address of the Trust

Address: Jayawant Shikshan Prasarak Mandal,
Sawant Corner, S.No 84/2E/1/5,3rd Floor, Katraj Chowk, Katraj, Pune 411046

Mobile; (020)-22933423,22934344,22934347,22934084

E-Mail: info@jspm.edu.in

3. Name and Address of the Principal

- Name; Dr. Nagaraj Kalyanappa Timalapur (Principal)
- Address including Telephone: Survey no 720 Pune Nagar road Ta: Haweli(excluding Corporation Area) Dist: Pune Pincode: 412207,
- Mobile: 9922914761
- E-Mail: principal@jspmbsiotr.edu.in

4. Name of the affiliating University

- Savitribai Phule Pune University, Pune

5.Members of Academic Advisory Body

Role: AMC is centralized (Institute level) committee responsible for drafting, regulating and implementing different academic policies. It is meant for smooth & uniform conduction of academics throughout the institute.

Governing Board		
Sr.No.	**Name**	**Designation**
1	Dr. T.K.Nagaraj	Principal
2	Dr. Arun G. Patil	Dean Academics
3	Dr. Yogesh S. Angal	Member
4	Dr. Nilam Ghuge	Member
5	Dr. Gayatri Bhandari	Member
6	Prof. Vidya Jagtap	Member
7	Prof. P.V.Jatti	Member

AMC is headed by Academic Coordinator along with Co-coordinator. The representative fromeach department acting as Departmental Academic Coordinator is the member of AMC. All coordinators are involved in policy making process. Class teachers & Teacher Guardians are pillars of AMC. All Teachers are responsible for implementing the same.

AMC Hierarchy

ORGANIZATIONAL STRUCTURE (BSIOTR, PUNE)

6.Student Feedback on Institutional Governance/ Faculty performance

Objective of Feedback:

The Institute is affiliated to Savitribai Phule Pune University (SPPU). The syllabus is framed by the university as per the statutory provisions. This task is assented to selected institutes to frame the syllabus. Such institute conduct syllabus revision workshop in which Teachers, Invited Industry Experts, Senior Professors share their views and finalize the draft of the syllabus. This syllabus is then approved by BOS/Academic Council/Executive Council of the Savitribai Phule Pune University, Pune. Syllabus implementation workshops are again conducted by selected institutes in which the concerned subject teachers participate. In this workshop the extent of the contents to be covered for all units and laboratory work are finalized. The syllabus so framed is implemented in the institutes. The feedback of the stakeholders namely Student, Parent. Alumni and Employer is obtained which help the institution to design curricular and extra circular activities to enhance the learning and develop skills of the students

Student Feedback Questions

1. How do you rate the curriculum being implemented at the institute is upgrading your knowledge level?
2. Quality of the teaching methods and techniques being used to implement the designed curriculum

3. How do you rate the quality of industry expert lectures/seminar to understand the concepts?
4. Is the level of present curricula sufficient in solving actual industrial problems?
5. Are the industrial visits, guest lectures, workshops, add-on courses helping you to development Engineering skills?
6. How do you rate teaching –learning methods and techniques in participative learning?
7. Is the experimental learning in laboratories helping you to understand the concepts?
8. Is the curriculum being implemented helpful in developing human values and etiquettes in you?
9. How do you rate the curriculum for creative and innovativeness?
10. Do you think the curriculum is sufficient enough to make you an employable engineer?

Parent Feedback Questions

1. Is your ward capable to use his/her knowledge to get/perform the job?

2. How much your ward is capable to analyses the things related to stream/Branch?

3. How well he/her is able to face new problems and challenges?

4. Does your ward use modern engineering tools, techniques and software?

5. Does your ward behave in responsible manner?

6. How much he/she is careful about safety, society, health and environment?

7. How well does he/she follow the discipline, time and ethics?

8. How well your ward is able to work in group of people?

9. How well he/she is able to handle his work and financial matters?

10. Does the designed Curricula/Syllabus help ward in catering needs of society, economy and environment? If no, suggest necessary additions in curricula/Syllabus.

Alumni Feedback Questions

1. Do you think that your experience at BSIOTR laid the foundation to compete professionally as an engineer?

2. Do you think that your experience at BSIOTR laid the foundation to apply the problem solving skills you learned at BSIOTR to meet the challenging demands and increasing responsibilities of a successful engineering career

3. Do you think that your experience at BSIOTR laid the foundation to model/formulate/solve engineering problems?

4. Do you think that your experience at BSIOTR laid the foundation to be a lifelong learner?

5. Do you think that your experience at BSIOTR laid the foundation to think creatively and critically?

6. Do you think that your experience at BSIOTR laid the foundation to continue to learn in your profession, using modern technology and communication skills?

7. Do you think that your experience at BSIOTR laid the foundation to function effectively in multidisciplinary teams?

8. Do you think that your experience at BSIOTR laid the foundation to be a leader in solving important problems for your employer and for society?

9. Do the designed Curricula help you in catering needs of society, economy and environment? If no, suggest necessary additions in curricula.

10. Does the designed syllabus help you in solving actual industrial problems? If no, suggest necessary additions in Syllabus.

Employer Feedback Questions

1. Has the graduate ever been engaged in effectively applying engineering/ technology in their profession
2. Compete professionally as an engineer
3. Successfully apply their learned skills throughout their professional pursuits
4. Can they Model/formulate/solve engineering problems & develop cost effective solutions for organization?
5. An ability to design and conduct experiments, as well as to analyze and interpret data
6. Awareness of the value of continuous improvement, with a focus on quality and a commitment to life - long learning:
7. Ability to effectively articulate ideas in both written and oral communications:
8. Ability to work effectively as a member of a multi-discipline project team:
9. Do the designed Curricula help in catering needs of the organization? If no, suggest necessary additions in curricula?

10. Does the designed syllabus help the graduate in solving actual industrial problems? If no, suggest necessary additions in Syllabus?

Purpose of Feedback:

1. Alumni Feedback is taken from Alumni for the academic year. The analysis helped the institute in development of curriculum.

2. Feedback about Faculty is taken from students twice a semester. The various parameters on which teaching is assessed are: Communication Skills, Quality of Teaching/ Academic input, Subject Knowledge, Content and Method of Delivery, Resourcefulness, Readiness of teacher, Accessibility and Availability of Teacher in Campus/ Department. Feedback is signed by the Director and conveyed to the faculty by respected Head of the Department. Counseling of faculty having feedback count less than sixty percent is carried out by Head of the Department as well as by the Dean academics for his/ her improvement.

3. An Institute level Parent Teacher meeting is conducted once every semester. During the meeting, parents are made aware about their wards' attendance, academic performance for the semester as well as about the various learning processes conducted in the institute. In academic year 2020-21, Suggestions given by parents were taken into consideration for further actions. Also this helped in identifying the parents who would help in providing support to the institute in terms of Projects, internship and placement etc.

4. Feedback about Institute is also taken from all students once in a year. This includes the feedback about the facilities and the infrastructure of the institute.

5. Various companies visit the campus of the institute for the placement of the students. Based on this feedback, Guest lectures, workshops, seminars are organized for students to help them to be ready for industry

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┌─────────────────────────────────────────────────────────────┐
│                          Students                           │
└─────────────────────────────────────────────────────────────┘
                              ⇩
┌─────────────────────────────────────────────────────────────┐
│                       Complaint Box                         │
└─────────────────────────────────────────────────────────────┘
                              ⇩
┌─────────────────────────────────────────────────────────────┐
│                   Grievance Redressal Cell                  │
└─────────────────────────────────────────────────────────────┘
                              ⇩
┌─────────────────────────────────────────────────────────────┐
│  Discussion of the Chairman and members of the Grievance    │
│                      Redressal cell                         │
└─────────────────────────────────────────────────────────────┘
                              ⇩
┌─────────────────────────────────────────────────────────────┐
│                          Mentor                             │
└─────────────────────────────────────────────────────────────┘
                              ⇩
┌─────────────────────────────────────────────────────────────┐
│                 Counselling of the Student                  │
└─────────────────────────────────────────────────────────────┘
                              ⇩
┌─────────────────────────────────────────────────────────────┐
│                 Feedback from the student                   │
└─────────────────────────────────────────────────────────────┘
                              ⇩
┌─────────────────────────────────────────────────────────────┐
│  Communication to Grievance Cell, Mentor and Principal      │
│                          Office                             │
└─────────────────────────────────────────────────────────────┘
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Internal Quality Assurance Cell:
IQAC cell of BSIOTR, Wagholi

Sr. No	Name of Member	Designation	Designation in IQAC
1	Dr.T.K.Nagraj	Principal	Chair person
2	Mr. Pritam Anuse	Office Superintendent	Member Admin
3	Prof. Pravin Jangade	HOD F.E.	Member(Teaching)
4	Prof. Vishal Puranik	Asst. Prof.ETC	Member (Teaching)
5	Prof. Amol Rindhe	Asst. Prof.COMP	Member (Teaching)
6	Prof.Yogesh patil	Asst. Prof.COMP	Member (Teaching)
7	Dr.Ravi Joshi	Director, Planning and Development	Member (Management Representative)
8	Mr. Maindargi S.B.	Director	Member (Industrialist)
9	Mr. Parvaiz Anwar Husin	DEO, Plus worth sol.pvt. ltd. (Healthfin)	Member (Industrialist)
10	Mr.Madiwal Shrimant	Director Operations, Trinity India Forgetech.pvt. ltd	Member (Mech)
11	Ms. Vrushali Rasal	Tour Manager, B.J. Tours and Travels	Member (Alumni Representative)
12	Ms.Shiwani Shete	Student TE(IT)	Member (Student Representative)
13	Prof.P.V.Jatti	Dean Academics	Coordinator

7.Programmes
Name of UG and PG Programs approved by AICTE & Accreditation status

Sr. No.	Programs	Level	Sanctioned Intake	NAAC Accreditation	NBA Accreditation
01	Computer Engineering	UG	120	Accreditated by National Assessment and Acreditation Council, Bangaluru	Eligible ,not applied
02	Information Technology	UG	60		Applied,Peer Team Visit pending
03	Electrical Engineering	UG	60		Applied,Peer Team Visit pending
04	Electronics & Telecommunication Engineering	UG	60		Applied,Peer Team Visit pending
05	Mechanical Engineering	UG	120		Eligible ,not applied
06	Computer Engineering	PG	24		Not Eligible
07	Electronics & Telecommunication Engineering	PG	24		Not Eligible

8. Campus placement in last three years with minimum salary, maximum salary and average salary

|SPM's
Bhivarabai Sawant Institute of Technology and Research
(Approved by AICTE, Delhi & Govt. of Maharashtra, affiliated to Savitribai Phule Pune University)
Gat.No.720,Pune-Nagar road,Wagholi,Pune,412207
Training And Placement Cell

Placement Summary

Year	Total Students	Placed	PLACEMENT (%)
2020-21	601	438	72.87
2019-20	467	334	71.5
2018-19	495	325	65.6
2017-18	365	214	58.6
2016-17	556	287	51.6
2015-16	417	189	45.3
2014-13	277	165	59.6
2013-14	291	158	54.3
2012-13	237	148	62.4
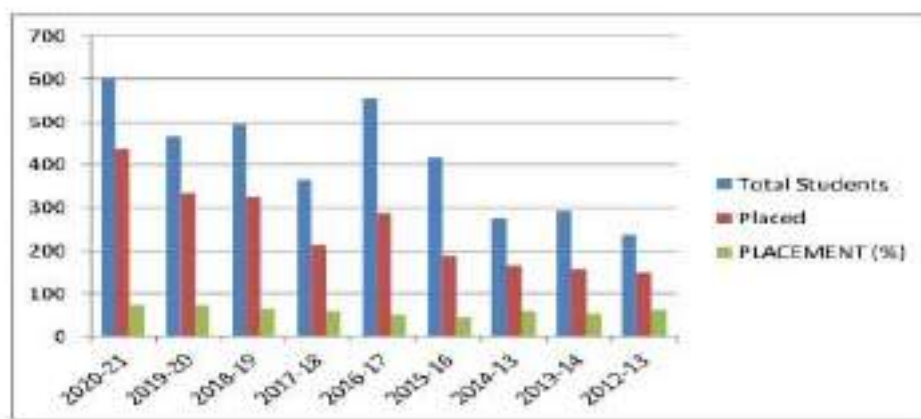
9.Number of Students admitted under various categories each year in the last three years

Year	Number of seats earmarked for reserved category as per GOI or State Government rule				
	SC	**ST**	**OBC**	**Gen**	**Others**
2020-21	172	84	384	676	620
Number of students admitted from the reserved category					
2020-21	**SC**	**ST**	**OBC**	**Gen**	**Others**
	227	8	711	798	203

10.Information of Infrastructure and Other Resources Available

- **Number of Class Rooms/Tutorial rooms with size/Laboratories/Drawing Halls /Computer Centers with capacity of each:**

- **Instructional Area (Carpet Area) in Sq.M.**

Particulars	Forexistingintake			
	Nos.		Area	
	Required	Available	Required	Available
ClassRooms	30	31	1980	2100
TutorialRooms	8	8	264	374
TutorialRooms(PG)	2	4	66	182
Laboratories	56	57	3696	3958
Laboratories(PG)	2	2	132	141
ResearchLaboratory(PG)	1	1	120	142
Drawinghall	1	1	132	132
Workshop	1	1	200	532
SeminarHall(UG&PG)	4	5	462	674
Computer Centre	1	1	150	150
LibraryandReadingRoom	1	1	600	600

- **Administrative Area (Carpet Area) in Sq.M.**

| Particulars | Forexistingintake | | | |
| | Nos. | | Area | |
	Required	Available	Required	Available
Principal/DirectorOffice	1	1	20	42
BoardRoom	1	1	30	30
Officeallinclusive	1	1	150	150
DepartmentOffices	5	6	100	120
CabinsforHeadof Departments	5	6	50	60
FacultyArea	5 Sqm perFaculty		675	926
ExaminationsControlOffice	1	1	30	32
Placementoffice	1	1	50	77

CentralStores	1	1	30	44
Maintenance	1	1	10	10
Security	1	1	10	10
HouseKeeping	1	1	10	10
PantryforStaff	1	1	10	10

- **Amenities Area (Carpet Area) in sqm**

| Particulars | Forexistingintake | | | |
| | Nos. | | Area | |
	Required	Available	Required	Available
Toilets(Ladies&Gents)	---	23	150	350
GirlsCommonRoom	1	1	75	100
BoysCommonRoom	1	1	75	75
Cafeteria	1	1	150	210
StationeryStores&R eprography	1	1	10	10
FirstAidCumSickRoom	**1**	1	10	10

- **Central Examination Facility, Number of rooms and capacity of each:**
    - Available in institution as per requirement of Savitribai Phule Pune University, Pune

- **Online examination facility (Number of Nodes, Internet bandwidth, etc.)**

Internet and WI-FI facility:	Internet Facility Details:100 Mbps leased line Content Ratio: 1:1(Gold) (ISP provider –TATA Telecom), Date of Updating: 01/09/2017 Aircell Backup line:10Mpbs

11. Library

- **Number of Library books/ Titles/ Journals available (Programme-wise)**

	UG Details			
Sr.No.	Program	Title	Volume	Journals(Nat/Int)
1	Computer Engineering	708	3966	12
2	InformationTechnology	471	1963	6
3	Mechanical	520	2558	12
4	Electrical Engineering	469	2368	06
5	E &TC Engg.	614	2655	06
6	GeneralScience	480	890	06
	PG Details			
1	ME E&TC	91	429	8
2	MECOMP	114	513	6
	Total	**3467**	**15342**	**62**

12.Library Facility:

Sr.	Particular	Availability
1	Totalareaofthelibrary	600SQ. MTR
2	Seatingcapacityofthelibrary	150
3	Reprographicfacility	Yes
4	WorkinghoursofLibrary(Regulartime)	8.30amto 5.00pm
	WorkinghoursofLibrary(ExtendedtimeduringExams)	8.30amto 2.00am
5	Librarynetworkingfacility	Yes
6	Usagedataofthelibrary(intermsofbooksissuedtothefaculty	10 books forfaculty 5 books forstudent
7	Annuallibrarybudget (%ofannualstudentfeecollected)	7 %
8	News Paper Facility	6
9	Book Bank Scheme Reference Room	1
10	Digital Library	1

- **List of online/offline National/ International Journals subscribed**

Sr	Title/Publisher	Code
Applied Science		
1	Aryabhatta Journal Of Mathematics And Informatics - ISSN -2394-9309 Enriched Information Services(2569)	13729
2	International Journal of Physics & Mathematics - ISSN -2632-9417 Enriched Information Services(2569)	15341
3	International Research Journal Of Natural And Applied Sciences - ISSN -2349-4077 Enriched Information Services(2569)	14795
4	Journal of Applied Mathematics in Science and Technology - ISSN - Enriched Publications(2799)	11788
5	Journal of Applied Physics - ISSN - Enriched Publications(2799)	11790
6	Technium: Romanian Journal of Applied Sciences and Technology - ISSN -2668-778X Technium - Apex(3068)	16227

Sr	Title/Publisher	Code
10	International Journal of Human Computer Interaction and Data Mining - ISSN - Advanced Research Publications(1919)	13952
11	International Journal of Research in IT, Management & Engineering - ISSN -2249-1619 Enriched Information Services(2569)	13756
12	Journal of Data Mining and Management - ISSN -2456-9437 MAT JOURNALS(2229)	12984

Computer Science

Sr	Title/Publisher	Code
13	Advanced Journal in Wireless and Mobile Communication - ISSN - Enriched Publications(2799)	11742
14	Advances in Distributed Computing and Artificial Intelligence Journal - ISSN -2255-2863 PubCapo(3065)	16334
15	Artificial Intelligent Systems and Machine Learning (AIML) - ISSN -0974-9667 Coimbatore Institute of Information Technology(1773)	15259
16	Asian Journal of Computer Science and Technology (AJCST) - ISSN -2249-0701 The Research Publication(1602)	9652
17	Global Journal of Networks and Applications - ISSN -2321-6921 Enriched Publications(2799)	11738
18	International Journal of Network Security & Its Applications - ISSN -0975-2307 AIRCC Publishing Corporation(2667)	13586
19	International Journal of Reconfigurable and Embedded Systems - ISSN -2089-4864 Scopus PubCapo International(3087)	16451
20	International Journal of Research Studies in Computer Science and Engineering - ISSN -2349-4840 PubCapo(3065)	16372
21	International Journal of Soft Computing And Artificial Intelligence - ISSN -2321-404X Enriched Information Services(2569)	14987
22	International Journal of Software Engineering & Systems - ISSN -2321-8711 Enriched Publications(2799)	11740

Sr	Title/Publisher	Code
23	Journal of Cloud Computing and Data Base Management - ISSN - Enriched Publications(2799)	12361
24	Journal of Internet of Things and Information Technology - ISSN - Mantech Publications Pvt. Ltd.(2662)	15413

E & TC (PG)

Sr	Title/Publisher	Code
25	International Journal of Innovative Research in Electronics and Communications - ISSN -2349-4042 PubCapo(3065)	16371
26	Journal of Advance Research in Embedded System - ISSN -2395-3802 Advanced Research Publications(1919)	10676
27	Journal of Advance Research in Microelectronics and VLSI - ISSN - Advanced Research Publications(1919)	10683
28	Journal of Advance Research in Wireless, Mobile & Telecommunication - ISSN - Advanced Research Publications(1919)	10691
29	Journal of Advanced Research in Electronics Engineering and Technology - ISSN -2456-1428 Advanced Research Publications(1919)	10675
30	Journal of Advanced Research in Modeling & Simulation - ISSN - Advanced Research Publications(1919)	12265
31	Journal of Electromagnetic Engineering and Science - ISSN -2671-7255 Scopus The Korean Institute of Electromagnetic Engineering and Science (2977)	15543
32	Journal of Electronic Networks, Devices and Fields (Enriched) - ISSN - Enriched Publications(2799)	12365

E & TC (UG)

Sr	Title/Publisher	Code
33	ICTACT Journal on Communication Technology - ISSN -0976-0091 Scopus ICT Academy of Tamil Nadu(1568)	9063
34	International Journal of Electrical, Electronics and Data Communication - ISSN -2320-2084 Enriched Information Services(2569)	14991
35	International Journal of Future Generation Communication and Networking - ISSN -2233-7857 Scopus Enriched Information Services(2569)	15529

Sr	Title/Publisher	Code
36	International Journal of Industrial Electronics and Electrical Engineering - ISSN -2347-6982 Enriched Information Services(2569)	14989
37	Journal of Information and Communication Convergence Engineering - ISSN -2234-8255 Scopus The Korea Institute of Information and Communication Engineering (2978)	15544
38	Journal of Progresses in Electronics and Telecommunication (JPET) - ISSN -2394-1308 Imperial Publications(1890)	10470

Electrical

Sr	Title/Publisher	Code
39	Asian Journal of Electrical Sciences - ISSN -2249-6297 The Research Publication(1602)	8720
40	International Journal of Electrical and Computer Engineering (IJECE) - ISSN -2088-8708 Scopus PubCapo(3065)	16294
41	International Journal of Electrical Engineering & Technology (IJEET) - ISSN -0976-6545 Scopus International Association for Engineering and Management Education (IAEME)(1197)	9647
42	International Journal of Research Studies in Electrical and Electronics Engineering - ISSN -2454-9436 PubCapo(3065)	16373
43	Journal of Advances in Electronic and Electric Engineering - ISSN - Enriched Publications(2799)	11762
44	Journal of Electrical Engineering - ISSN -1335-3632 Scopus Slovenska Technika Univerzita(2938)	15363

Information Technology

Sr	Title/Publisher	Code
45	IAES International Journal of Artificial Intelligence (IJ-AI) - ISSN -2252-8938 Scopus PubCapo(3065)	16154
46	International Journal In IT & Engineering - ISSN -2321-1786 Enriched Information Services(2569)	13735
47	International Journal Of Advanced Research In IT And Engineering - ISSN -2278-6244 Enriched Information Services(2569)	13739

Sr	Title/Publisher	Code
48	International Journal of Advances in Computer Science and Cloud Computing - ISSN -2321-4058 Enriched Information Services(2569)	14988
49	International Journal of Machine Learning and Computing - ISSN -2010-3700 Scopus IJMLC(2928)	15316
50	International Research Journal Of Engineering, IT And Scientific Research - ISSN -2454-2261 Enriched Information Services(2569)	13761

Mechanical

Sr	Title/Publisher	Code
51	Archives of Metallurgy and Materials - ISSN -1733-3490 WoS Warsaw University of Technology(2955)	16130
52	Fluid Power Journal - ISSN -1073-7898 Fluid Power Journal(776)	6738
53	Indian Journal of Heat and Mass Transfer - ISSN -4421-1035 Global Research Publications Private Limited(1098)	8095
54	Indian Journal of Mechanical and Thermal Engineering - ISSN - Enriched Publications(2799)	12958
55	International Journal of Design and Manufacturing Technology (IJDMT) - ISSN -0976-6995 International Association for Engineering and Management Education (IAEME)(1197)	10545
56	International Journal of Engineering Research and Technology (IJERT) - ISSN -0974-3154 - Scopus International Research Publication House(90)	152
57	International Journal of Mechanical and Production Engineering - ISSN -2320-2092 Enriched Information Services(2569)	14993
58	International Journal of Mechanical and Production Engineering Research and Development - ISSN -2249-6890 Transstellar Journal Publications and Research(1662)	11575
59	International Journal of Mechanical Engineering - ISSN -0974-5823 Scopus Serials Publications(98)	6629
60	Journal of Engineering and Technological Sciences - ISSN -2337-5779 Scopus ITB Journal Publisher(2959)	15368

Sr	Title/Publisher	Code
61	Journal of Engineering Design & Analysis - ISSN - Advanced Research Publications(1919)	15050
62	Journal of Materials Science - ISSN - Enriched Publications(2799)	11776

National Digital Library (NDL) subscription details

- National Digital Library Membership: Yes
- The JSPM'S BSIOTR College have NDL Membership

13.Laboratory and Workshop

List of Major Equipment/Facilities in each Laboratory:

Department of Information Technology:

List Major Equipment of Information Technology Department			
Particular	Quantity	Rate	Total Amount
IBM Server X 3-400 M3 tower server	1	84,000.00	84,000.00
CPU	56	9,750.00	546,000.00
Monitors LED 18.5"	56	5,857.00	327,992.00
Digital Trainer kits	15	5,450.00	81,750.00
8086 kits	5	12,875.00	64,375.00
Digital Trainer kits for CMOS & TTL	15	5,200.00	78,000.00
HCL Computers	25	18,571.43	464,285.75
IBM Rational software architecture	30	5,833.33	175,000.00
COMPUTER(ACER)	20	20,250.00	405,000.00
Accer Variation Core I5 6th Gen.	25	35,628.00	8,65,700

D link 48 ports DES-1210-52	4	15,047.60	60,190.40
10 KVA Online UPS	1	1,08,000	2,28,416
Battery 65AH	16	4,700	
Rack	1	4,000	

Department of Computer Engineering:

Sr. No.	Equipment	Specifications	Quantity
1	Computer P4	Model : Intel DC 2.8 GHz, 1 GB DDR2 RAM, 320 GB HDD, Keyboard, Mouse , Monitor 18.5" LCD	240
2	Computers i5	Model : Intel i5 Processors 3.2 GHz , 4 GB DDR3 RAM , 320 GB HDD , k/b , mouse , 18.5" LCD Monitor	20
3	Smart Board	Interactive Intelligent Panel 55"	01
4	Printers	CANON LASER , DOT MATRIX , HP Wireless	23
5	Switch	24-Port D-Link switch	14
6	LCD Projectors	HITACHI/CANON Projector CP-RX79	4
7	Begal Bone Processors	Begal Black Bone ARM Cortex –A8 Processor	10
8	Study Card	Traffic PIO: study card	2
9	Study Card	PIO-ELESIM: Study card	2
10	Study Card	PIO-Stepper: study card	2

11	Study Card	PIO-DAC with SMPS	2
12	8086Microprocessor Kits	DYNA -86L , with display and SMPS, CC-SET: Cable Connector, Keyboard	20
13	Study Card	8255 Study card	4
14	Study Card	8253 Study card	4
15	Study Card	8251 Study card	4
16	Study Card	8279 study card	4
17	Study Card	PIO-DAC01	4
18	Study Card	PIO-STEPPER study card	4
19	Wireless Router	ADSL Router DLink	2
20	Graphics Card	ASUS NVidia GeForce Graphics card	30

Department of E&TC Engineering:

Sr. No./ Name of the Lab	Name Of Instrument	Quantity	Total Cost in Rs.	
1. WTA Lab	AMITECH make Antenna Training Lab 5 MHz – 2 GHz with 30 antennas(Model ATS20)	01	2,94,975/-	3,68,475/-
	Satellite Communication Trainer	01	73,500/-	
2. TMT Lab	100 kHz high precision LCR-Q Meter	01	1,22,625/-	10,43,937/-
	Optical Time Domain Reflectometer (OTDR) Model MTS 6000 Make JDSU	01	2,85,600/-	
	25 Mhz to 4 GHz one channel Vector Network Analyzer Model site Master ss331D. Make Anritsu	01	4,39,950/-	
	Data Acquisition Trainer	01	81,774/-	
	PLC Trainer Kit	01	1,13,988/-	
3. PG Lab II	3 GHz spectrum Analyzer with tracking generator (Model PsA 3000 + TG Make Ed Corp.)	01	3,15,000/-	3,15,000/-

Sr. No.	Lab	Equipment	Qty	Rate	Amount
4.	Project Lab	3 GHz spectrum analyzer with tracking generator (DX 2001)	01	2,70,000/-	3,88,000/-
		PCB Design Set up(Coater+Exposure+Etcher+Drilling Machine+Circular Saw+Accessories)	01	1,18,000/-	
5.	Communication Lab	3G Mobile Trainer Kit	01	67,837/-	67,837/-
6.	Research Lab	NI MY RIO Embedded system kit	01	1,19,537.26/-	1,99,537.26/-
		EasyIO:Easy Input & Output platform for Matlab/Simulink with Magnetic Levitation add on plant with accessories	01	80,000/-	
				TOTAL	**23,82,786.26/-**

Department of Electrical Engineering:

Department of Electrical Engineering			
List of Major Equipments			
Lab Name: Switchgear And Protection Lab			
Sr. No.	**Equipment**	**Specifications**	**Quantity**
1	SWITCHGEAR TESTING KIT	SWITCHGEAR TESTING KIT	1
2	3 PHASE ALTERNATOR PROTECTION DEMO PANEL	3 PHASE ALTERNATOR PROTECTION DEMO PANEL	1
3	TRANSMISSION LINE DISTANCE PROTECTION DEMO PANEL	TRANSMISSION LINE DISTANCE PROTECTION DEMO PANEL	1
4	3 PHASE TRANSFORMER PROTECTION DEMO PANEL	3 PHASE TRANSFORMER PROTECTION DEMO PANEL	1
5	IDMT RELAY	IDMT RELAY	1
6	AIR CIRCUIT BREAKER	AIR CIRCUIT BREAKER	1
Lab Name: Electrical Measurements And Instrumentation Lab			
Sr. No.	**Equipment**	**Specifications**	**Quantity**
1	Experimental kit for Anderson's Bridge	Experimental kit for Anderson's Bridge	1
2	Earth Tester	Earth Tester	1

3	3 phase loading rehostat , delta or star, 440 V, 12 Amp	3 phase loading rehostat , delta or star, 440 V, 12 Amp	1
4	Two element type wattmeter, LPF 3 phase, 440 V, 10A	Two element type wattmeter, LPF 3 phase, 440 V, 10A	3
5	Two element type wattmeter, 200 V, 5 amp	Two element type wattmeter, 200 V, 5 amp	3
6	Loading rehoatat, 230 V, 20 A, 10 step	Loading rehoatat, 230 V, 20 A, 10 step	1
7	1 phase , SPDT knief switch	1 phase , SPDT knief switch	2
8	Demonstration model of different types of meter	Demonstration model of different types of meter	4
9	3 phase inductive load. 440 V, 12 Amp	3 phase inductive load. 440 V, 12 Amp	1
10	3 phase variac, 440 V, 25 Amp	3 phase variac, 440 V, 25 Amp	1
11	Wattmeter UPF, 1 phase, 440V, 10Amp	Wattmeter UPF, 1 phase, 440V, 10Amp	3
12	Wattmeter LPF, 3 phase, 300V, 5A	Wattmeter LPF, 3 phase, 300V, 5A	1
13	3 phase dimmerstate	3 phase dimmerstate	1
14	Level measurement using Bubbler method	Level measurement using Bubbler method	1
15	Displacement measurement transducer using LVDT	Displacement measurement transducer using LVDT	1
16	Experiment kit for study of Kelvins Double Bridge	Experiment kit for study of Kelvins Double Bridge	1
17	Experimental kit of LVDT	Experimental kit of LVDT	1
18	100 KV, 100 MVA transformer with control panel for 100 mm sphere gap assembly	100 KV, 100 MVA transformer with control panel for 100 mm sphere gap assembly	1

Lab Name: Power Electronics Lab

Sr. No.	Equipment	Specifications	Quantity
1	Expt. Kit V-I charact. Of SCR & Triac	Expt. Kit V-I charact. Of SCR & Triac	4
2	V-I characteristic of MOSFET,IGBT	V-I characteristic of MOSFET,IGBT	4
3	1-Ø half controlled converter(R &RL load)	1-Ø half controlled converter(R &RL load)	3
4	1-Ø full controlled converter(R &RL load)	1-Ø full controlled converter(R &RL load)	3
5	3-Ø converter	3-Ø converter	3
6	Step-down chopper circuit	Step-down chopper circuit	4
7	3-Ø VSI 120° & 180° mode	3-Ø VSI 120° & 180° mode	2

8	Firing circuit for 3-Ø converter	Firing circuit for 3-Ø converter	3
9	1-Ø or 3-Ø AC voltage regulator	1-Ø or 3-Ø AC voltage regulator	3
10	1-Ø PWM bridge inverter	1-Ø PWM bridge inverter	2
11	Commutation ckt. Of SCR	Commutation ckt. Of SCR	3
12	Digital multimeter	Digital multimeter	8
13	CRO	CRO	4
14	Powerscope	Powerscope	4
15	Function Generator	Function Generator	3
16	3-Ø Semiconverter	3-Ø Semiconverter	3
17	PSIM-software	PSIM-software	1
18	Power Scope	Power Scope	4

Lab Name: Industrial Drives and Control Lab (PECD Lab)

Sr. No.	Equipment	Specifications	Quantity
1	A) Control panel for DC motor with flywheel	A) Control panel for DC motor with flywheel	1
2	B) 3 HP/220V/1500RPM Shunt DC Motor with flywheel	B) 3 HP/220V/1500RPM Shunt DC Motor with flywheel	1
3	C) 1 Phase 230 V / 10A / RESISTIVE LOAD-10 STEPS	C) 1 Phase 230 V / 10A / RESISTIVE LOAD-10 STEPS	1
4	A) 1 PHASE FULL WAVE Controled Rectifier	A) 1 PHASE FULL WAVE Controled Rectifier	1
5	B) 0.5 HP/180V/1500RPM/SHUNT DC Motor with BDA	B) 0.5 HP/180V/1500RPM/SHUNT DC Motor with BDA	1
6	A) 3 PHASE FUL WAVE Controlled Rectifier	A) 3 PHASE FUL WAVE Controlled Rectifier	1
7	B) 0.5 HP/180V/1500RPM/SHUNT DC Motor with BDA	B) 0.5 HP/180V/1500RPM/SHUNT DC Motor with BDA	1
8	A) VFD DRIVE AND CONTRO PANEL WITH RPM METER & SENSOR	A) VFD DRIVE AND CONTRO PANEL WITH RPM METER & SENSOR	1
9	B) 1 HP /415V/1430RPM/3 PHASE SQUIREL CAGE INDUCTION MOTOR WITH BDA	B) 1 HP /415V/1430RPM/3 PHASE SQUIREL CAGE INDUCTION MOTOR WITH BDA	1
10	A) CONTROL PANEL FOR 3 PH SQUIREL CAGE INDUCTION MOTOR BRAKING	A) CONTROL PANEL FOR 3 PH SQUIREL CAGE INDUCTION MOTOR BRAKING	1
11	B) 3 HP/415V/1440RPM/3 PHASE SQUIREL CAGE INDUCTION MOTOR WITH FLYWHEEL	B) 3 HP/415V/1440RPM/3 PHASE SQUIREL CAGE INDUCTION MOTOR WITH FLYWHEEL	1
12	C) 3 PHASE 8A VARIAC	C) 3 PHASE 8A VARIAC	1

13	A) BLDC MOTOR CONTROL PANEL	A) BLDC MOTOR CONTROL PANEL	1
14	B)0.5HP/48V/3000RPM BLDC MOTOR WITH BDA	B)0.5HP/48V/3000RPM BLDC MOTOR WITH BDA	1
15	DIGITAL TACHOMETER CONTACT TYPE	DIGITAL TACHOMETER CONTACT TYPE	2
16	DIGITAL TACHOMETER NON CONTACT TYPE	DIGITAL TACHOMETER NON CONTACT TYPE	2

Lab Name: Electrical Machines Lab

Sr. No.	Equipment	Specifications	Quantity
1	2 hp 1500 RPM DC shunt motor coupled to 2KW ,220V ,5A 1500dc Shunt generator	2 hp 1500 RPM DC shunt motor coupled to 2KW ,220V ,5A 1500dc Shunt generator	1
2	PF meter 440 v , 10 A 3Phase	PF meter 440 v , 10 A 3Phase	2
3	hp 1440 rpm mounted on ms channel with mechanical loading IM	hp 1440 rpm mounted on ms channel with mechanical loading IM	1
4	Dc series motor with load 3 hp 1500 rpm	Dc series motor with load 3 hp 1500 rpm	1
5	DC shunt motor with load 3 hp 1500 rpm	DC shunt motor with load 3 hp 1500 rpm	1
6	Rheostat of different specifications	Rheostat of different specifications	26
7	AC voltmeter portable meter 0-150V, 0-300V, 0-600V, 0-150/300V	AC voltmeter portable meter 0-150V, 0-300V, 0-600V, 0-150/300V	16
8	DC Ammeter portable meter 0-10A, 0-5A, 0-15A, 0-20A	DC Ammeter portable meter 0-10A, 0-5A, 0-15A, 0-20A	20
9	DC Voltmeter portable meter0-150V, 0-300V, 0-150/300V	DC Voltmeter portable meter0-150V, 0-300V, 0-150/300V	9
10	Single phase transformer2 KVA 230/115 V	Single phase transformer2 KVA 230/115 V	3
11	Single phase dimmerstat4A 0-270V 50 Hz, 10A 0-270V 50 Hz	Single phase dimmerstat4A 0-270V 50 Hz, 10A 0-270V 50 Hz	4
12	control panel for Dc Shunt motor	control panel for Dc Shunt motor	1
13	control panel for Dc Seriest motor	control panel for Dc Seriest motor	1
14	control panel for 3 phase induction motor	control panel for 3 phase induction motor	1
15	3 phase slip ring IM 3 HP 1440 rpm /415 V with loading arrangement	3 phase slip ring IM 3 HP 1440 rpm /415 V with loading arrangement	1
16	rotor resistance starter for the above motor	rotor resistance starter for the above motor	1
17	control panel for slip ring IM	control panel for slip ring IM	1

18	control panel for motor generator set	control panel for motor generator set	1
19	lamp bank loading arrangement 3 phase 415V 10A/phase	lamp bank loading arrangement 3 phase 415V 10A/phase	1
20	lamp bank loading arrangement 1 phase 230V 10A/phase	lamp bank loading arrangement 1 phase 230V 10A/phase	1
21	3hp 230 V 1500 rpm shunt wound Dc motor coupled to 2KVA 1500 rpm 50 hz alternator	3hp 230 V 1500 rpm shunt wound Dc motor coupled to 2KVA 1500 rpm 50 hz alternator	1
22	3 phase inductive load 415V ,10 A	3 phase inductive load 415V ,10 A	1
23	Control panel for mototset machine terminal board for above motor	Control panel for mototset machine terminal board for above motor	1
24	3phase 230V/1500rpm /shunt wound dc motor coupled to 2KVA 1500rpm alternator with copling	3phase 230V/1500rpm /shunt wound dc motor coupled to 2KVA 1500rpm alternator with copling	1
25	control panel motor alternator set	control panel motor alternator set	1
26	synchronous motor 3HP 415V,coupled tp 2.2kW shunt generator	synchronous motor 3HP 415V,coupled tp 2.2kW shunt generator	1
27	single phase IM 1 HP 230 V 1440 rpm with loading arrangment	single phase IM 1 HP 230 V 1440 rpm with loading arrangment	1
28	synchronization panelstroboscope with alternator &synchronizing panel	synchronization panelstroboscope with alternator &synchronizing panel	1
29	3 phase synchronous motor with loading arrangement	3 phase synchronous motor with loading arrangement	1
30	Synchronous motor starting panel	Synchronous motor starting panel	1
31	control panel for motor set	control panel for motor set	1
32	working demonstration model for performance characteristic of stepper motor	working demonstration model for performance characteristic of stepper motor	1
33	digital tachometer	digital tachometer	5
34	digital multimeter	digital multimeter	8
35	dissamble synchronous motor	dissamble synchronous motor	1
36	dissamble induction motor squirrel cage type	dissamble induction motor squirrel cage type	1
37	disassemble DC shunt motor	disassemble DC shunt motor	1
38	CRO 30 MHZ	CRO 30 MHZ	4
39	AC Ammeter 0-1A, 0-15A, 0-10/20A, 0-15/30A, 0-5/10A, 0-5A, 0-10A	AC Ammeter 0-1A, 0-15A, 0-10/20A, 0-15/30A, 0-5/10A, 0-5A, 0-10A	28

Sr. No.			
40	dissamble induction motor squirrel cage type dissamble induction motor squirrel cage type 1	dissamble induction motor squirrel cage type dissamble induction motor squirrel cage type 1	4

Lab Name: PLC Lab

Sr. No.	Equipment	Specifications	Quantity
1	PLC trainer kit (Delta)	PLC trainer kit (Delta)	1
2	Overhead tank water level control interface	Overhead tank water level control interface	1
3	Alarm Announciator	Alarm Announciator	1
4	DOL/star-delta starter interface with PLC	DOL/star-delta starter interface with PLC	1
5	VFD AC motor control	VFD AC motor control	1
6	DC motor speed control	DC motor speed control	1
7	Position Control(Pressure) interface with PLC	Position Control(Pressure) interface with PLC	1
8	Temperature controller using PLC	Temperature controller using PLC	1
9	Speed Control	Speed Control	1
10	PLC programming trainer kit (Siemens logo PLC)	PLC programming trainer kit (Siemens logo PLC)	1
11	PLC programming trainer kit (Siemens logo PLC)	PLC programming trainer kit (Siemens logo PLC)	1
12	SCADA Application Software	SCADA Application Software	1
13	PLC based water level control systems (Siemens logo PLC)	PLC based water level control systems (Siemens logo PLC)	1
14	Alarm Announciator control trainer	Alarm Announciator control trainer	1
15	Star-Delta Starter trainer	Star-Delta Starter trainer	1
16	AC motor speed control trainer	AC motor speed control trainer	1
17	PLC based water level control trianer	PLC based water level control trianer	1
18	PLC based linear bottle filling plant	PLC based linear bottle filling plant	1

Lab Name: HVE Lab

Sr. No.	Equipment	Specifications	Quantity
1	30 Kv,100 MA Testing Kit With Jig	30 Kv,100 MA Testing Kit With Jig	1
2	Horn Gap Apparatus & Rod Gop Apparatus	Horn Gap Apparatus & Rod Gop Apparatus	1
3	11 Kv Disc Insulator	11 Kv Disc Insulator	1
4	Capacitor Divider	Capacitor Divider	1
5	Corona Cage Without Transformer	Corona Cage Without Transformer	1

Lab Name: Computer Lab

Sr. No.	Equipment	Specifications	Quantity
1	Computer P4	Model : Intel DC 2.8 GHz, 1 GB DDR2 RAM, 320 GB HDD, Keyboard, Mouse, Cabinet Essys Monitor 18.5" LCD	51
2	LCD Projector	HITACHI Projector CP-RX79	7
3	PLC & SCADA	DVP, Allen Bradley, Siemens make	5

Lab Name: Control System Lab

Sr. No.	Equipment	Specifications	Quantity
1	Pot char kit	Pot char kit	2
2	Potentiometer as an Error Detector	Potentiometer as an Error Detector	2
3	Standard specification AC servo motor, study of AC servo motor	Standard specification AC servo motor, study of AC servo motor	2
4	Study of DC servo motor	Study of DC servo motor	2
5	Study of lead Network kit	Study of lead Network kit	2
6	Study of lag Network kit	Study of lag Network kit	2
7	Study of Level control loop kit	Study of Level control loop kit	1
8	Digital Multimeter	Digital Multimeter	12
9	Study of synchro transformer & Receiver kit	Study of synchro transformer & Receiver kit	2
10	Study of synchro error Detector	Study of synchro error Detector	2
11	Study of PID controller	Study of PID controller	1
12	Experimental dertermination of dc motor parameters of mathematical modeling transfer function & charactersitics	Experimental dertermination of dc motor parameters of mathematical modeling transfer function & charactersitics	1
13	PID control of level/pressure/temp. control system analog type	PID control of level/pressure/temp. control system analog type	1
14	Experimental dertermination of tansfer function of two tank system	Experimental dertermination of tansfer function of two tank system	1
15	Experimental dertermination of transfer function of PWM servo amplifier	Experimental dertermination of transfer function of PWM servo amplifier	1

Lab Name: Analog & Digital Electronics Lab

Sr. No.	Equipment	Specifications	Quantity
1	Digital Storage Oscilloscope	Digital Storage Oscilloscope	1
2	1 MHZ Function Generator	1 MHZ Function Generator	2

3	Digiatl trainer kit (20 Pin x 4 Zif socket)	Digiatl trainer kit (20 Pin x 4 Zif socket)	4
4	Dual Power Supply	Dual Power Supply	2
5	Digital Storage Oscilloscope	Digital Storage Oscilloscope	5
6	Single Power Supply	Single Power Supply	10
7	Dual Power Supply	Dual Power Supply	10
8	IC Tester	IC Tester	1

Lab Name: Microprocessor & Microcontroller Lab

Sr. No.	Equipment	Specifications	Quantity
1	Intel 8085 µp based triner kit	Intel 8085 µp based triner kit	5
2	PIO-RT/TC ,PIO based thermocouple card	PIO-RT/TC ,PIO based thermocouple card	2
3	Study card for the study of 8255	Study card for the study of 8255	2
4	Power supply SMPS	Power supply SMPS	5
5	Stepper motor,12 V,2kg, for STP-PIO card	Stepper motor,12 V,2kg, for STP-PIO card	1
6	8253 kit,interfacing card compatible with 8085 kit	8253 kit,interfacing card compatible with 8085 kit	1
7	8051 trainer kit	8051 trainer kit	8
8	ADC kit	ADC kit	2
9	DAC kit	DAC kit	2
10	Stepper motor Interfacing	Stepper motor Interfacing	2
11	Stepper motor	Stepper motor	2
12	Dyna 51 B trainer kit	Dyna 51 B trainer kit	2
13	DYNA-PICEB	DYNA-PICEB	10
14	DYNA-PICEB	DYNA-PICEB	10
15	DYNA-PIO-DCM	DYNA-PIO-DCM	1
16	Atmega 328p based development board	Atmega 328p based development board	1
17	Atmega 328p based development board	Atmega 328p based development board	1

Lab Name: Material Science Lab

Sr. No.	Equipment	Specifications	Quantity
1	Hysterisis loop B-H curve	Hysterisis loop B-H curve	1
2	Megger (0-500 V) hand driven	Megger (0-500 V) hand driven	1
3	Gauss meter	Gauss meter	1
4	Micro meter(0-30 mm)	Micro meter(0-30 mm)	1
5	Thermocouple study unit	Thermocouple study unit	1

6	Experiment kit resistivity of high resistive alloys	Experiment kit resistivity of high resistive alloys	1
7	Kit for measurement of Dielectric strength of oil	Kit for measurement of Dielectric strength of oil	1
8	Kit for measurement o electric strength	Kit for measurement o electric strength	1
9	Kit for measurement of schering Bridge	Kit for measurement of schering Bridge	1
10	Kit for KVAR capacity of power capacitor	Kit for KVAR capacity of power capacitor	1
11	Sphere gap assembly	Sphere gap assembly	1
12	kit to obtain characterstics of different thermocouples	kit to obtain characterstics of different thermocouples	1

Lab Name: Power System Lab

Sr. No.	Equipment	Specifications	Quantity
1	Transmission Line model for short, medium and long transmission line	Transmission Line model for short, medium and long transmission line	1
2	Study of VAR compensation using capacitor	Study of VAR compensation using capacitor	1

Lab Name: Network Analysis Lab

Sr. No.	Equipment	Specifications	Quantity
1	Fixed Induction Box	Fixed Induction Box	1
2	Kit for RLC series and parallel Resonance	Kit for RLC series and parallel Resonance	1
3	Kit for Z & Y parameters	Kit for Z & Y parameters	1
4	Kit for RL series circuit	Kit for RL series circuit	1
5	Kit for superposition Theorem In ac circuit	Kit for superposition Theorem In ac circuit	1
6	Kit for TheveninTheorem In ac circuit	Kit for TheveninTheorem In ac circuit	1
7	Kit for Reciprocity Theorem In ac circuit	Kit for Reciprocity Theorem In ac circuit	1
8	Ac ammeter (0-1 A)	Ac ammeter (0-1 A)	3
9	Ac ammeter (0-500 m A)	Ac ammeter (0-500 m A)	3
10	Variac auto transformer	Variac auto transformer	1
11	DC Ammeter(0-1 A)	DC Ammeter(0-1 A)	3
12	DC Ammeter(0-500 mA)	DC Ammeter(0-500 mA)	3
13	Fixed resistance box	Fixed resistance box	1

14	Capacitance Box	Capacitance Box	1
15	Dual Power Supply	Dual Power Supply	4

Lab Name: RES Lab

Sr. No.	Equipment	Specifications	Quantity
1	SOLAR PV MODULE (SERIES-PARALELL COMBINATION) KIT	SOLAR PV MODULE (SERIES-PARALELL COMBINATION) KIT	1
2	SUN TRACKING SYSTEM MODULE	SUN TRACKING SYSTEM MODULE	1
3	WIND ENERGY TRAINER KIT	WIND ENERGY TRAINER KIT	1

Department of Mechanical Engineering:

Sr. No.	Particular	Cost of Equipment	Name of the Laboratory
1		63112/-	Applied Thermodynamics
2	Digital bomb calorimeter	57422/-	Applied Thermodynamics
3	Separating & Throttling Calorimeter	180000/-	Applied Thermodynamics
4	Plotter	73500/-	Computer Aided Design
5	Autodesk Product Design Suite for Education	317167/-	Computer Aided Design
6	Creo 1.0 university Plus site edition	115877/-	Computer Aided Design
7	Ansys Version 14 ,32000 nodes.	300000/-	Computer Aided Design
8	Master CAM X5	305000/-	Computer Aided Design
9	CPU	405000/-	Computer Aided Design
10	Monitor	104000/-	Computer Aided Design
11	CPU	202500/-	Computer Aided Design
12	Monitor	52000/-	Computer Aided Design
13	Master CAM X9. Milling 10, Turnining 10, Multiaxis 10	465350/-	Computer Aided Design
14	Universal vibration apparatus with 12 experiments.	73822/-	Dynamics of Machinery
15	Whirling of Shaft	51064/-	Dynamics of Machinery

16	Shock Absorber Test Rig. Continuous Variable Speed	99120/-	Dynamics of Machinery
17	Pressure Measurement Apparatus (Transferred to FM Lab)	39800/-	Fluid Mechanics
18	Gear Pump Test Rig with S.S.Tank & Oil	56000/-	Industrial Fluid Power
19	Advanced Hydraulic Trainer	172000/-	Industrial Fluid Power
20	Customized Electro pneumatic Trainer with Compressor	121200/-	Industrial Fluid Power
21	Testing of Pressure Relief Valve with Air Compressor	41200/-	Industrial Fluid Power
22	Cut section of the four cylinder & four stroke diesel engine (Motorized)	63112/-	Internal Combustion Engine
23	Four cylinder four stroke petrol engine in cut section	58748/-	Internal Combustion Engine
24	Exhaust Gas Analyzer Indus Make 5 Gases	252000/-	Internal Combustion Engine
25	Computerized Variable compression ratio engine test rig with multi-fuel system	716400/-	Internal Combustion Engine
26	Computerised 4 Stroke Multicylinder petrol Engine With hydraulic dynamometer	855000/-	Internal Combustion Engine
27	Computerised 3 cyl. 4 stroke Diesel Engine Testrig with eddy current dynamometer	1147500/-	Internal Combustion Engine
28	Fuel Supply system Demo model Petrol Engine	58300/-	Internal Combustion Engine
29	X-Y Position Control System	96500/-	Mechatronics
30	Linear Conveyor Control System	46250/-	Mechatronics
31	PLC Trainer a. kit with water level module	96000/-	Mechatronics
32	Allen Bradley software CD	49250/-	Mechatronics
33	Study of actuator kit	69875/-	Mechatronics
34	Data Acquisition System	59875/-	Mechatronics
35	Flow transducer trainer	59875/-	Mechatronics
36	Rotary table positioning system	49250/-	Mechatronics
37	Universal Testing Machine 40 ton	540000/-	Metallurgy

38	Rockwell cum Brinell Hardness Tester 150 kg	48150/-	Metallurgy
39	Charpy and Impact Machine 300 J	81000/-	Metallurgy
40	Magnetic Crack detector machine with powder	103500/-	Metallurgy
41	Standard metallurgical microstructure test - Microscope	81000/-	Metallurgy
42	Universal Testing Machine 40 ton	473891/-	Metallurgy
43	Jominy End Quech Test for Hardenability	78047/-	Metallurgy
44	Monochromatic light unit with optical flat and specimen	45900/-	Metrology and Quality Control
45	Tool Makers Microscope	65000/-	Metrology and Quality Control
46	Pneumatic Comparator	48510/-	Metrology and Quality Control
47	Poratable Surface Roughness Tester	146250/-	Metrology and Quality Control
48	Floating Carriage Micrometer	85500/-	Metrology and Quality Control
49	Auto Collimeter	175500/-	Metrology and Quality Control
50	Profile projector Model 3001	130500/-	Metrology and Quality Control
51	Diesel Engine Power Plant Demonstration Kit	182000/-	Power Plant Engineering
52	Air Conditioning Test Rig	81281/-	Refrigeration and Air Conditioning
53	Vapor Compression Test Rig	81281/-	Refrigeration and Air Conditioning
54	Ice Plant Test Rig	86062/-	Refrigeration and Air Conditioning
55	Vapor Absorption Test Rig	81281/-	Refrigeration and Air Conditioning
56	Heat Pump Test Rig	81281/-	Refrigeration and Air Conditioning
57	Air Conditioning Test Rig (Window A/c)	65025/-	Refrigeration and Air Conditioning
58	Refrigeration Fault Trainer	71718/-	Refrigeration and Air Conditioning
59	Friction Clutch apparatus	52593/-	Theory of Machine
60	Epicyclic Gear Train Apparatus	57375/-	Theory of Machine

	61	Impact of Jet Apparatus	43000/-	Turbo Machines
	62	Pelton wheel Turbine Test Ring	105000/-	Turbo Machines
	63	Kaplan Turbine Test Ring	475000/-	Turbo Machines
	64	Centrifugal Pump Test Ring	90000/-	Turbo Machines
	65	Centrifugal Pump Test Ring	71000/-	Turbo Machines
		Total Cost	**10699719/-**	

Workshop:

Workshop consists of following equipment / machines:

Sr. No.	Name of Equipment / Machine	Quantity
1.	CNC Lathe	01
2.	Lathe Machines	17
3.	Milling Machine	01
4.	Drilling Machine	01
5.	Surface Grinding Machine	01
6.	Power Hacksaw Machine	01
7.	Bench Grinder Machine	01
8.	Arc Welding Machine	01
9.	Spot Welding Machine	01
10.	Wood Working Machine	02

Computing Facilities:

The institution has IT facilities including WI-FI and sufficient number of computers and required number of peripherals. The facility available facilitates ICT enabled teaching-learning process and evaluation, research activities, and administration. The departments are having system software and application software, both licensed and open source software. The following table describes the computing facility available:

Internet and WI-FI facility:	Internet Facility Details:100 Mbps leased line Content Ratio: 1:1(Gold) (ISP provider –TATA Telecom), Date of Updating: 01/09/2017 Aircell Backup line:10Mpbs
System Software	1. Windows XP 2. Windows Vista 3. Windows 7 4. Windows 8 5. Windows 8.1 6. Windows 10 7. Windows Server 8. Ubuntu 14.04 (Open Source) 9. Fedora 19/20 (Open Source) 10. Windows Server 2008 R2 Standard
Application Software's	1. Exchange Server Standard Turbo C++ 4.5 2. Adobe Flash MS Office 2013 3. Oracle 9i 4. Microsoft Visual Studio 2008 5. Microsoft Visual Studio 2012 6. Microsoft Visual Studio Express 7. Microsoft Office 8. MATLAB 6.0 9. Proteus 11 10. MATLAB Tool Boxes 5 11. Chips scope pro software 12. Embedded System Development software 13. DSP Application Software 14. Xilinx 14.1 15. Chips scope pro software 16. DSP Application Software 17. Tally ERP 9 18. Pro-E 19. Auto CAD

	20. Master CAM 21. Ladders Programming Triton 22. NI Academic Site License 23. NI Multisim Circuit 24. Micro wind 3.1 25. CAD FEKO 26. EZNEC 27. Code Block
Internet and WI-FI facility:	Internet Facility Details:100 Mbps leased line Content Ratio: 1:1(Gold) (ISP provider –TATA Telecom), Date of Updating: 01/09/2017 Aircell Backup line:10Mpbs

List of facilities available

Games and Sports Facilities:

- Sports Facilities: Grounds for outdoor games and facilities for indoor games are available.

- The institute has adequate sports facilities and cultural centers for holistic development of students.

- The details of the facilities available are as follows:

  - Basketball court with size- 28mx15m meters

  - Volley ball courts with size- 18mx9m 3).

  - Football cum cricket field with size- 90mx45m meters.

  - A Kho-Kho ground.

  - Indoor games facilities like Carrom and table tennis are made available tothe students.

  College has a well-equipped gymnasium with facilities such as machine exercises, free weight exercises, etc, Physical Education Director is appointed to train the students participating in various zonal, all

- India and Inter-university level tournaments.

Extra-Curricular Activities and Soft Skill Development Facilities

- To ensure quality sustenance and enhancement the college periodically conducts the performance audit of the departments which includes course review, Review of Teaching – learning methodologies, Result analysis, Research output, Faculty Development Programs attended/conducted and Extension activities, Co-curricular and extra-curricular activities conductedduring the year.

- In order have overall development of the students and generate teamwork and leadership skills the institute gives an opportunity to students to participate in co-curricular and extra-curricular activities.

- Students are encouraged to participate in co-curricular and extra-curricular activities organized by the institute and at other institutes by providing financial assistance and transport facilities. Good number of students has participated in various activities and has won prizes. The college has registered Alumni Association. Alumni assist the institution financially or non- financially by way of internships, Guest Lectures, Workshops, Industrial Visits, Campus Drives, etc.

- **Department Level students Associations:** These associations are fully represented by the students guided by a faculty member. These associations take initiative for promotion of activities related to academics, skill enhancement programmes curricular and extra-curricular activities. Students are encouraged to take decisions, plan and execute theprograms to develop decision making and leadership skills.

- FDP for the faculty members should be arranged for design of the curriculum for the revised syllabus.

- Value-added courses and training programmes should be conducted to improve the employability of the graduating students.

- Training and placement activities to be conducted to improve the students skill sets Various soft skill programs should be arranged in Institute to Improve the Students communication and soft skills

- Industry visits should be encouraged to give an exposure of industrial applications and practices.

- **Student Support and Progression**
  - Students are given scholarships by the Government as per the Government rules for various categories. Institution also provides scholarship to the students namely, Academic Excellence Scholarship, JSPM's Scholarships. In case of

  - Exceptional cases fees are waived partly for students coming from economically weaker sections on their request. The institution has dedicated Training and Placement Cell comprising of Training and Placement Officer

  - (TPO), Departmental Training and Placement Co-coordinators (TPC) and student coordinators. Various programs such as guidance for competitive exams and higher studies, career counseling, personal counseling, soft skill development, etc. are conducted. Field projects and internships are facilitated for the students through MOU's signed with industries for experiential learning and hands-on training. A good number of students have qualified in competitive exams for higher studies and recruitment by various Government departments. A satisfactory number of students are placed in core and IT industries through campus drives.

- **Teaching Learning Process**
  - Curricula and syllabus for each of the Programmes as approved by the University
  - Academic Calendar of the University
  - Academic Time Table with the name of the Faculty members handling the Course
  - Teaching Load of each Faculty
  - Internal Continuous Evaluation System and place:

- **Evaluation and Analysis**
  - Continuous assessment of the student is carried out by conducting Class/ Unit tests /mock online

- Tests/mock oral/mock practical exam to ascertain the attainment level of the students and thereby identify slow learners and advanced learners.

- External evaluation is done through in-semester, oral/practical and end semester written exam conducted by university.

- Remedial lectures are conducted for slow learners and opportunities are created for advanced learners to showcase their innovative ideas.

- Feedback from various stakeholders is taken for corrective measures to improve the effectiveness of curriculum delivery.

Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 278 of 2021

Revised Dates of Commencement and Conclusion of Engineering, Architecture and Pharmacy for the Academic Year 2021-2022
For Affiliated Colleges/Recognised Institutes

It is hereby informed that, the revised dates of commencement and conclusion of the Courses, under the faculty of Engineering, Architecture and Pharmacy for the academic year 2021-22 shall be as under :

Name of the Faculty	Name of the Courses	Year	Revised 2021 - 2022			
			First Term		Second Term	
			Commencement	Conclusion	Commencement	Conclusion
Science & Technology	Engineering	TE, BE	02/08/2021	30/11/2021	03/01/2022	26/04/2022
	B.Architecture	III, IV & V	15/06/2021	04/12/2021	03/01/2022	30/04/2022
		II	20/08/20201	10/12/2021	03/01/2022	30/04/2022
	B. Pharmacy	III & IV	17/08/2021	18/12/2021	03/01/2022	10/05/2022
		II	23/08/2021	18/12/2021	03/01/2022	10/05/2022
	M. Pharmacy	II	23/08/2021	18/12/2021	03/01/2022	15/05/2022

NOTE

1. All Programmes shall be conducted in Online Mode until further notice.

2. In view of prevailing COVID-19 situation in the Country, Colleges / Institutes shall required to follow the guidelines / instructions issued by the Government of Maharashtra from time to time.

Deputy Registrar
(P.G. Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/ 3578
Date: 29/09/2021

Internal continuous Evaluation Systems and Place

* Continuous assessment of the student is carried out by conducting Class/ Unit tests /mock online tests/mock oral/mock practical exam to ascertain the attainment level of the students and thereby identify slow learners and advanced

learners. External evaluation is done through in-semester, oral/practical and end semester written exam conducted by Savitribai Phule University.

- Remedial lectures are conducted for slow learners and opportunities are created for advanced learners to showcase their innovative ideas. Feedback from various stakeholders is taken for corrective measures to improve the effectiveness of curriculum delivery.

- Institute has dedicated and experienced faculty members. Continuous internal evaluation of the student's performance is carried out through assignments, tests, mini-projects, etc. Internal evaluation and end-semester evaluation is used to ascertain the attainment of COs, POs and PSOs. Reforms are made in these internal assessment evaluation methods whenever required. Any grievances related to examination and evaluation is addressed properly. The institute has clearly stated its learning outcomes and accordingly implements the curriculum. On completion of each course, the attainment level of Course Outcomes is evaluated and efforts are taken on students to achieve high level attainment of Program and Program Specific Outcomes.

- **Student's assessment of Faculty, System in place:**
  - Alumni Feedback is taken from Alumni for the academic year. The analysis helped the institute in development of curriculum for 'Autonomy'.

  - Feedback about Faculty is taken from students twice a semester. The various parameters on which teaching is assessed are: Communication Skills, Quality of Teaching/ Academic input, Subject Knowledge, Content and Method of Delivery, Resourcefulness, Readiness of teacher, Accessibility and Availability of Teacher in Campus/ Department. Feedback is signed by the Director and conveyed to the faculty by respected Head of the

  - Department. Counseling of faculty having feedback count less than 60 % (out of 100) is carried out by Head of the Department as well as by the Director for his/ her improvement.

  - An Institute level Parent Teacher meeting is conducted once every semester. During the meeting, parents are made aware about their wards' attendance, academic performance for the semester as well as about the various learning processes conducted in the institute. In academic year 2020-21, Parent Teacher meeting for the first semester was conducted. Suggestions given by parents were taken into consideration for further actions. Also this helped in identifying the parents who would help in providing support to the institute in terms of Projects, internship and placement etc.

  - 4. Feedback about Institute is also taken from all students once in a year. This includes the feedback about the facilities and the infrastructure of the institute. 5. Various companies visit the campus of the institute for the placement of the students. Based on this feedback, Guest lectures, workshops, seminars are organized for students to help them to be ready for industry.

Circular No. 278 of 2021

Revised Dates of Commencement and Conclusion of Engineering, Architecture and Pharmacy for the Academic Year 2021-2022 For Affiliated Colleges/Recognised Institutes

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	B. Pharmacy	III & IV	17/08/2021	18/12/2021	03/01/2022	10/05/2022
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The Institution ensures effective implementation of planned curriculum in accordance with syllabus prescribed by the affiliating University aided with ICT enabled facilities and e-resources. The curriculum is planned taking into consideration the current industry requirements and the technological advancements. In order to bridge the gap, Certificate programs, workshops, seminars, add-on, value added courses are

conducted by in-house faculty members and invited professionals and industry experts. To cope up with the changing technologies, new courses are introduced and electives are offered which facilitates academic flexibility

Enrolment and placement details of students in the last 3years

Placement Summary

Year	Total Students	Placed	PLACEMENT (%)
2020-21	601	438	72.87
2019-20	467	334	71.5
2018-19	495	325	65.6
2017-18	365	214	58.6
2016-17	556	287	51.6
2015-16	417	189	45.3
2014-13	277	165	59.6
2013-14	291	158	54.3
2012-13	237	148	62.4
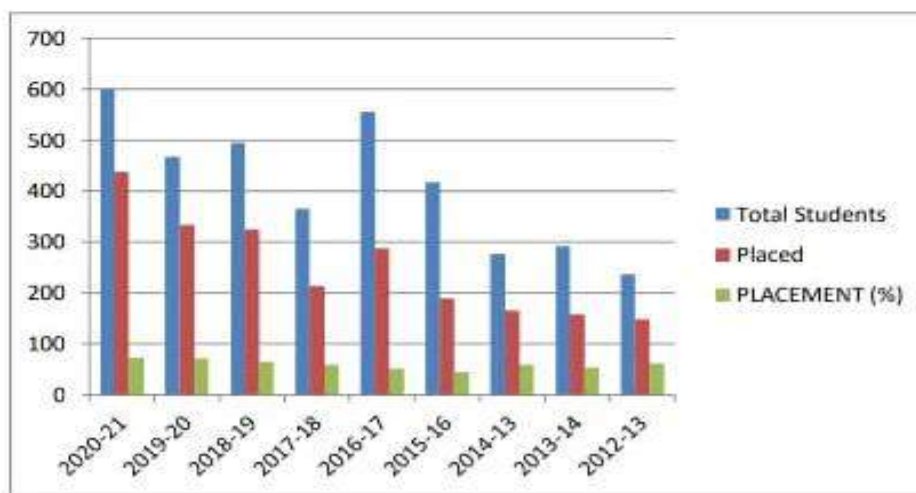
Number of Projects carried out, funding agency, Grant received

Sr.No.	Name of the Project/ Endowments, Chairs	Funds provided by BCUD SPPU, Pune in INR
01	A mobile Robotic Platform for robotics Teaching and Research	230000/-
02	Analysis and optimization of productivity in WEDM process through different parametric combinations	240000/-
03	Onfield performance testing of multi bladed vertical axis wind turbine	170000/-

Publications

Title of paper	Name of the author/s	Department of the teacher	Name of journal
Next Generation Control and Precision Gadgets	Nitesh Anwat, Khachane Aniket, Lohare Rameshwar, Kamble Akshay, Gopal Hambarde, Shivkumar Chandapure, Prasad Bochre	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Next Generation Computing Utilities Using Arduino	Nitesh Anwat, Omprakash Pachphule, Sunil Waghmare, Madhavrao Valande, Amit Sutrave, Yogiraj Chavan, Govind Dante	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Time-Table Display System Using Raspberry PI	Aditya Malpure, Khushali Bhivsan, Harshawardhan Tule, Nitesh Anwat	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021

Smart Drainage Blockage Early Indication System	Amol Shinde, Prasad Amrutkar, Rihal Shaikh, Nitesh Anwat	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
IOT Based Smart Energy Meter Using ESP 32	Santosh Gadekar, Mayur Pimple, Suraj Thopate, Avdhut Nikam	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
PLC Based Factory Automation Interfaced with SCADA	Santosh Gadekar, Akash Jasud, Kamlesh Sable, Rushikesh Chandankar	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Mitigation of Voltage Sag/Swell Using Dynamic Voltage Restorer	Bhushan Chopade, Lakhan Chandapure, Farddin Inamdar, Santosh Gadekar	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Arduino Uno- ATmega328 P Microcontroller Based Smart Systems	Santosh Gadekar, Gauri Kolpe, Gosavi Rutuja, Vaishnavi Fatate, Bhosale Bhosale, Shriprasad Chate, Akshay Lad	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Next Generation Electrical Devices and Control: An IoT Perspective	Krishnakant Kasar, Gurunath Sutar, Akash Umale, Hitesh Patil, Anil Gaikwad, Kuldeep Shinde, Swapnil Kamble	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2022
ZERO BLACKOUT AVOIDANCE BY USING ARDUINO.	Akanksha Shiraskar, Shruti Patil, Amruta Pandharpatte, Krishnakant Kasar	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2023
Modern Electrical Engineering Based Utilities for Industrial Applications	Krishnakant Kasar, Amit Rathod, Jagtap Jagtap, Jayesh Suryawanshi, Aniket Aniket Badhekar, Abhijit Badhekar, Mahesh Ghante	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2024
A Smart Safety Helmet for COVID Detection for Workers	Prajakta Hinge, Gayatri Gangapure, Priya Jagdale, Krishnakant Kasar	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2025

IOT based ba-ttery management system for electric Vehicles.	Dr. N.N.Ghuge ,Vishal Dandge, Kunal Devram Bari, Mahesh Jayant Kulkarni	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Forest fire detection using ARDUINO BASED Wireless sensor network.	Chavan Adesh Maheshkumar , Kale Kalyani Prabhakar, Gaikwad Rajeshree Narayan, Dr.N N Ghuge	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Password based circuit breaker Control.	Vijay Nimunkar, Dubakwad Anusaya , Dr N.N.Ghuge	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Wireless & IOT Based 11 KV SUBSTATION Monitoring & Controlling	Mahabare Kajal, Munde Anushka Chandrapraash, Sathe Shukacharya Vijayumar , Dr N N ghuge	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Modelling of DC to DC Converter for Solar Based Electric Vehicle.	Akash Bajirav Bansode, Meghana Vilas Borole, Ambadas Maroti Kachave, Dr,N,N Ghuge	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
DEVELOPMENT OF A PROTOTYPE UNDERGROUND CABLE FAULT AND LOCATION DETECTION USING PIC MICROCONTROLLER..	THAKRE SHANTANU, SHEIK FARHAN , THITE ASKSHAY, Dr, N N Ghuge	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Development of Low cost, portable, Handy ,UV Santitization Unit	Ayesha Ayyub Pathan, Gopal Mahadev Rahane, Prashant Navnath Shinde, S V Narkhede	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Industrial air pollution monitoring system using LABVIEW and zigbee.	Mansi Sanjay Patil, Sapana Rajabhau Pawar, Vaibhav Sunil Suryavanshi S V Narkhede	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Smat home appliances control& Security measures	Vaibhav Sunil Suryavanshi, Omkar Kishorkumar Panchal, Mayur Rajendra More,S V Narkhede	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021

3 Phase Induction motor run on single phase without affecting output power.	Akash Kadam, Rahul Khadse, Abhishek Kalapad, S V Narkhede	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
LOW VOLTAGE OPERATED THREE PHASE AC SUBMERCIBLE MOTOR/PUMP	JADHAV NAGESH, ABOLI KULKARNI, SHRIRAM SHELKE S V Narkhede	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
IOT SMART ROAD SAFETY AND VEHICLE ACCIDENT PREVENTION SAFETY FOR MOUNTAIN ROADS	Valhvankar Shivani Ramdas, Shinde Pranjal Gopal, Shinde Kailas Suresh, S V Narkhede	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
IOT BASED PREPAID ENERGY METER	Swati Vasant Bansode, Shivaji Khandu Suryawanshi, Vitasta Valmik Suryawanshi, S V Narkhede	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
IOT based greenhouse enviornment monitoring and controlling system usig Arduino	Borkar Akash Dipak, Bhujbal Shubham Rajendra, Bhalerao Vrushabh Santosh, Prof.M.S.Patil	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
IOT based Performance Analysis of Multipurpose AGROBOT	Sayali Sampat Dhore, Tushar Lakshman Kasar,Asawari Anil Lagad, Prof.M.S.Patil	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Remote monitoring fire alarm system based Internet of things	Jadhav Anil Waman, Akshay wakle Prof.M.S.Patil	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
IOT Based Smart Irrigation System	Sadavarte Shraddha Udaykumar, Tapkeri Pratibha Sambhaji, More Priyanka Rajendra, Prof.M.S.Patil	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021

IOT based smart energy meter monitoring with identification of electricity theft.	Jawale Prashant Dattatraya, Deokate Sagar Pandharinath, Jain Akash, Prof. Amruta Kapse	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Voice Control Home Automation Using Ardunio UNO	Sagar R Ghodke, Aishwarya Ravindranath Bilgunde, Aarti Subhash Hulwan, Prof. Amruta Kapse	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Image Processing techniques for Inspection of Faults in PCB	Kshitika Panherkar, Shubham Bhagwat, Manish Gaikwad, Prof. Amruta Kapse	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Railway anti collision system by aurdino board	Kayate Kundansing Satish, Vinayak Mahadeo Panire, Sayali Vijay Chavhan, Prof. Ganesh Lohote	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Energy distribution using renewable energy sources	Sathe Vaishali Vijay. Jadhav Randhir Jayprakash, Akkalwad Mahesh Sambhajirao,Prof. Ganesh Lohote	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021

Fingerprint Door Lock System by using arduino	Patil Udayraj Santosh, Tiwari Rakesh Omprakash, Patil Nikhil Pralhad, Prof. Ganesh Lohote	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
AUTOMATIC FAULT DETECTION AND LOCATION IN POWER TRANSMISSION LINE USING GSM TECHNOLOGY	Patil Siddheshwar Shivhar, Mayur Sadashiv Kawale, Saurabh Suresh Mirajkar, Prof. Ganesh Lohote	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
GSM based agricultural motor control	Pujari Swapnil Vilas, RAJE AKASHKUMAR MAHADEV, Sawant Akshay Nanaso,Prof. Ganesh Lohote	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021
Wireless Power Transmission	Patil Priti Manohar, Palwe Rutuja Popat, Pawar Shubhangi Jagannath, Prof. Ganesh Lohote	Electrical	Proceedings of the 3rd International Conference on Communication & Information Processing (ICCIP) 2021

Secure Blockchain Technology for Healthcare by using Patient-Driven Interoperability	Anjali Almale	Computer	International Journal of Innovative Research in Computer and Communication Engineering
Survey on Spam Reviews Detection System Using Machine Learning	Nitin Shivale	Computer	International Journal of Innovative Research in Computer and Communication Engineering
Review on Cloud Based Compiler	Snehal Patil	Computer	International Journal of Innovative Research in Computer and Communication Engineering
Efficient Innovative Technology for Hiding Secret Text and Image Data in Video Cover	Snehal Patil	Computer	International Journal of Innovative Research in Science, Engineering and Technology
Lung Cancer Detection Using Machine Learning	Yogendra Patil	Computer	International Journal of Innovative Research in Computer and Communication Engineering
Human Activity Recognition Using IoT Domain	Jyoti Deshmukh	Computer	International Journal of Innovative Research in Computer and Communication Engineering

Framework to Detect Face Masked Using Deep Learning	Archana Lomte	Computer	International Journal of Innovative Research in Computer and Communication Engineering
SAAS Attack and Prevention Using Machine Learning in Cloud Environment: A Survey	Radha Shirbhate	Computer	International Journal of Innovative Research in Computer and Communication Engineering
Supply Chain Management for Coffee Using Blockchain	Madhavi Kulkarni	Computer	International Journal of Innovative Research in Computer and Communication Engineering
MagiCrop: Smart Crop and Fertilizer Recommendation System using ML Algorithms	Sharad Adsure	Computer	International Journal of Creative Research Thoughts (IJCRT)
Transcript Based Plain Text Analysis Using Natural Language Processing	Anjali Almale	Computer	International Journal of Innovative Research in Computer and Communication Engineering
Skin Disease Prediction Using Image Processing	Madhavi Kulkarni	Computer	International Journal of Innovative Research in Computer and Communication Engineering

Implementation of Automatic COVID-19 Detection from X-ray Images using CNN	Anjali Almale	Computer	International Journal of Innovative Research in Computer and Communication Engineering
Smart Eye- Fishy URL Detection Using URL Features and CNN	Vijay Sonawane	Computer	International Journal of Innovative Research in Computer and Communication Engineering
DDoS Detection Using Machine Learning under SDN Context	Shrishail Patil	Computer	International Journal of Innovative Research in Computer and Communication Engineering
Virtual Dresser Using Deep Learning	Yogendra Patil	Computer	International Journal of Innovative Research in Computer and Communication Engineering
A Review on Facial Mask Detection	Radha Shirbhate	Computer	International Journal of Innovative Research in Computer and Communication Engineering

Survey on Mydietitian-Monitoring of Dietary Habits by Maintaining Calories Count through Image Processing	Vijay Sonawane	Computer	International Journal of Innovative Research in Computer and Communication Engineering
Depression Detection and Reduction Approaches A Survey	Jyoti Deshmukh	Computer	International Journal of Innovative Research in Computer and Communication Engineering
Spam Reviews Detection System Using Machine Learning	Nitin SHivale	Computer	International Journal of Innovative Research in Computer and Communication Engineering
Graphical Password Authentication by using Image Segmentation	Sharad Adsure	Computer	International Journal of Innovative Research in Computer and Communication Engineering
Fake News Detection using Machine Learning Framework	G.M.Bhandari	Computer	International Journal of Innovative Research in Computer and Communication Engineering

Implementation of "Identity Chain-Identity Verification Framework Using Ethereum"	Yogendra Patil	Computer	International Journal of Innovative Research in Computer and Communication Engineering
An Implementation of Density Based Traffic Control System Using Image Processing	Snehal Patil	Computer	International Journal of Innovative Research in Computer and Communication Engineering
VoteFrame-Voting System Framework Using Blockchain Technology (Stage- II)	Yogendra Patil	Computer	International Journal of Innovative Research in Computer and Communication Engineering
A Comprehensive Survey of the Routing Schemes for IoT applications	Dr.Y.S.Angal	Electronics and Telecommunication Engineering	Journal of Scalable Computing: Practice and Experiences Volume 21 Issue 2 DOI 10. 12694:/scpe.v21i2.1667 on 29th June 2020.
Wavelet Based Noise Artifact reduction for enhancement of EEG Signal	Dr.Y.S.Angal	Electronics and Telecommunication Engineering	IEEE Conference Computing Communication and Green Engineering -2021 23rd Sep 2021 to 25th Sep-2021

Sound Source Localization in 3D using Asymmetrical Positioned and Skew Aligned Two-Array Microphone-Experimentation	Dr.Y.S.Angal	Electronics and Telecommunication Engineering	2021 6th International Conference for Convergence in Technology (I2CT)

Industry Linkage:

Sr. No.	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Nature of linkage
1	Training session	Ahmednagar Auto and Enggineering Association, +91-241-2779212	Internship
2	Training and Placement	Global Talent Track/ 9960170046	Softskills Training and Field Visits
3	Industrrial Visit	Mapro Panchagani, Shendur Jane	Field Visit
4	Industrrial Visit	GMRT Narayangaon Pune	Field Visit
5	Industrrial Visit	BSNL (GMSC) Chinchwad Pune	Field Visit
6	Training and Placement	Techno Flair Lab Pvt ltd./9561362551/9371751497	Training and internship
7	Training and Placement	PNG Technology Pvt. Ltd., 02065009625	Training and internship
8	Training and Placement	iSASH IT Solutions Pvt. Ltd. Pune/020-65218772	Training , Internship and Recruitment
9	Industry visit	Barclay's Technology Centre India,Kharadi	Field Visit
10	Industry visit	Barclay's Technology Centre India,Kharadi	Field Visit
11	Placement Drive	Opulent Infotech	Four (2) students got selected.
12	Internship	Accede Software Solutions	Internship on academic project
13	Industrial Visit	Chakan substation(400Kv) , Address: Maharashtra 410501 Phone: 074474 40556	Field trip

14	Industrial Visit	L & T STC, Address: T-156/157, Nashik Hwy, T Block, MIDC, Bhosari, Pimpri-Chinchwad, Pune, Maharashtra 411026, Phone: 020 2712 0037	Field trip
15	Industrial Visit	Manisha engineers pvt.Ltd,Pirangut, pune ,Maharashtra 095525 63256	Field trip
16	Industrial Visit	Nashik autocluster,C-10, MIDC Ambad, Nashik, Maharashtra 422010 Contact-0253 669 9200	Field trip
17	Industrial Visit	Bhairavnath sugar factory,inti-Karmala Road, SH67, Maharashtra 41320 Contact-083902 20033	Field trip
18	Industrial Visit	Sai serice centre Pune Nagar Road, Wagholi, Pune, Maharashtra 412207, Contact-099232 08313	Field trip
19	Industrial Visit	Ghodganga sugar factoy,Nhavare,Shirur,Pune Contact-02137264845/264855	Field trip
20	Industrial Visit	Bhairavnath power station inti-Karmala Road, SH67, Maharashtra 413203 Contact-083902 20033	Field trip
21	Industrial Visit	Ahmednagar Auto & Engineering Association,Ahmednagar,02412779212	Industrial Visit
22	Training and Placement	Syntego Global IT Solutions/ 020-65218772/9284187968	Training and internship, drive
23	Training Sessions	Udaradhi Technologies Pvt. Ltd./020-65005588	Scheduled Add-On course from 2ndSept.-2017 on Web Technologies
24	Training and Placement	Encryption Infotech Karve Nagar, Pune,/ 8149775757	Internship and Placement
25	Training Sessions	ThinkQuotient Software Pvt. Ltd., 7588384517/9970110799	Training for MCQ's Solving for all Branch Students
26	Training and Placement	Aarya Precision Technologeis LLP./07709941837	Internship and Placement
27	Exchange of Students/Staff/Faculty	KtechBeans Software Pvt. Ltd.Kharadi, Pune /020--65000651	Internship

28	ESD Training Session	Zensar ESD, Kharadi, Pune, Phone No: 020 66074510	ESD Training Session
29	Training and Placement	Classic Electronics, Shivane Pune /9922960900	Internship
30	Training sessions	Gyanteerth Education, Akurdi Pradhikaran, Pune 9890067320	MOU Signed
31	Traning and Placement	Phoenixzone Technologies,9834780214/ 7350456969	Internship and Placement
32	Project Guidence for IETE	IETE, Pune Center	workshpops and seminars
33	Keynote Speaker "National conference on Electronics, Communication and Computing"	Trinity college of Engineering and Research. Pune	Expert Lectures/Faculty exchange
34	Expert Guidence for PG Students and Exvaluation of their Projects	Symbiosis Institute of Technology, Symbiosis International University	Expert Lectures/Faculty exchange
35	Resource Person for FDP, SPPU, TE E&TC Syllabus	MEER MIT college of Engg.,Pune	Expert Lectures/Faculty exchange
36	Worked as a resource person /Judge/Evaluator	MAEER's MIT College of Engineering	Expert Lectures/Faculty exchange
37	Worked as a resource person /Judge/Evaluator	Rajashree Shahu College of Engineeing, Tathwade	Expert Lectures/Faculty exchange
38	Invited as a Resource person/Expert lecture on "Experimentation and Instrumentation" In Research Methodology	G.H.Raisoni College of Engineering and Management, Pune	Expert Lectures/Faculty exchange

39	Expert for Syllabus revision workshop of BOS Electronics Savitribai Phule Pune University for the subject Mechatronics	JSPM's Narhe Technical campus	Expert Lectures/Faculty exchange
40	Observer of Avishkar-2016 a Prestigious BCUD Savitribai Phule Pune (SPPU),Pune	Vishwakarma Institute of Information Technology, Pune	Expert Lectures/Faculty exchange
41	Inviated as a Subject Expert on the Local Selection Comimittee	All India Shri Shivaji Memorial Society's Institite of Information Technology	Expert Lectures/Faculty exchange
42	Training and Placement	Zensar ESD, Kharadi, Pune, Phone No: 020 66074510	Softskills, Aptitude, Technical training as well as Placements
43	Industrial Visit	BSNL, MTSO,Bhavani Peth, Pune ,020 2737 2750	Field Visit
44	industrrial Visit	Doordashan Kendra , Sinhagad Pune	Field Visit
45	Industrial Visit	"Madhav Capacitors , Address: B-5-2, M. I. D. C. Industrial Estate, Near Lear Corporation Philips Stop, Bhosari, Pune, Maharashtra 411026 Phone: 08079 453 384"	Field trip
46	Industry visit	Barclays Pvt.Ltd.,kharadi, Pune,7507600085	Industry visit,
47	Industry visit	Barclays Pvt.Ltd.,Mumbai	Industry visit,
48	Internship	OrcaSys Pvt. Ltd, Pune	Internship on academic project

49	Industrial Visit	Ghodganga sugar factoy,Nhavare,Shirur,Pune Contact-02137264845/264855	field Visit
50	Industrial Visit	Aurangabad Autocluster Plot No. P-174,, Waluj, MIDC, Aurangabad, 431136 Contact-098604 78215	field Visit
51	Industrial Visit	Sai serice centre Pune Nagar Road, Wagholi, Pune, Maharashtra 412207, Contact-099232 08313	field Visit
52	Industrial Visit	Mapro Industries,alani Quantum, Patil Nagar, Bavdhan - Pune, Pune, Maharashtra 411021 Contact-02167 222 111	field Visit
53	Industrial Visit	Mandar Industries, Aurangabad Contact-9975547551	field Visit
54	Site Visit	IVY Estate, Corolla Realty Ltd, Pune	To give basic knolwedge of Civil construction
55	Site Visit	Siporex India Pvt. Ltd, Industrial Estate, Pune	To give basic knolwedge of Civil construction
56	Training and Placement	Aneket Enterprises/ 9975286831	Training and internship
57	Training and Placement	Unique Agri Biotech,9284187968	Training and internship
58	Training sessions	Gyanteerth Education, Pune, Maharashtra 9890067320	Training
59	Training and Placement	Indus Avition, Baner, Pune,7720019487	Training and internship
60	Training and Placement	FOCUS ACADEMY FOR CAREER ENHANCEMENT(FACE),+914224 506070,9665621234	Softskills, Aptitude, Technical training and Recruitment

61	Session chair "IETE approved National Conference on Signal Processing. Computer Modelling, Mechatronics	K J College of Engg. And Management Research, Pune	Workshop and Internship
62	Invitation as a Resource person for Orientation Lecture of AVISHKAR-2015	Vidya Pratishthan's College of Engineering Baramati, Dist.Pune Pin 413133	Expert Lectures/Faculty exchange
63	Session chair International Conference ICATEVSP-2016	G.H.Raisoni Institute of Engg. & Tech., Pune	Expert Lectures/Faculty exchange
64	Training and Placement	Valeo India Pvt.Ltd, Pune +91- 9561001543 Edit. +91-20-30615521	Campus Drive
65	Evaluator e-PGPEX 2015	AISSMS, Institute of Information Technology,Pune	Expert Lectures/Faculty exchange
66	Training and Placement	Phoenixzone Technologies,9834780214/ 7350456969	Internship
67	Internship	Axis Technologies Services,Pune, 9850958877	Internship on academic project
68	Internship	SpyTech, Pune,	Internship on academic project
69	Industrial Visit	Madhav Capacitors , Address: B-5-2, M. I. D. C. Industrial Estate, Near Lear Corporation Philips Stop, Bhosari, Pune, Maharashtra 411026 Phone: 08079 453 384	Field trip
70	Industrial Visit	Ruchas mfg industries , Aurangabad Contact-02402564884/2555692	Field trip

71	Industrial Visit	Piaggo AutoMobiles Ltd, Baramati, Contact-02112 343 770	Field trip
72	Industrial Visit	Mandar industries, aurangabad Contact-9975547551	Field trip
73	Industrial Visit	Sai Serice centre,Wagholi, pune, Contact-020 2553 2254	Field trip
74	Industrial Visit	Mapro Food Industry, Panchgani, 094226 04705	Field trip
75	Industrial Visit	Goa Antibiotics and Pharmaceuticals Limited, Phone: 0832 220 1416	Field trip
76	Industrial Visit	BSNL Visit, Chinchwad Pune	Field trip
77	Invitation as a Judge for IETE Project Competiton	Under the ageis of IETE Pune Centre at Indira College of Engineering and Management,Paradwadi,Pune 410506	Expert Lectures/Faculty exchange
78	Session chair National Conference "ANEC-2015"	G.H.Raisoni College of Engineering and Management, Pune	Expert Lectures/Faculty exchange
79	Session Chair" National Conference on Modelling Optimization and Control"	Vishwakarma Institute of Technology, Pune	Expert Lectures/Faculty exchange
80	Subject Expert for Staff Selection Committee	G.H.Raisoni College of Engineering and Management, Pune	Expert Lectures/Faculty exchange
81	Attended TWO Weeks Faculty Development Programme on "Teaching Methodology in Electronics and Telecommunicati	JSpm's Rajarshri shahu college of Engineering, Pune, 02065737984	workshpops and seminars

	on Engineering		
82	Invited to deleiver Expert Lecture on "Basic Instrumentation and Data Processing"	JSPM's Bhivarabai Sawant College of Engineering and Research, Narhe ,Pune-411041	Expert Lectures/Faculty exchange
83	SUMMER INTERNSHIP	Mandar Fun foods, Aurangabad Contact- 9975547551	Field Visit
84	Resource Person for FDP, SPPU, TE E&TC Syllabus	MIT Academy of Engineering	Expert Lectures/Faculty exchange
85	Training Session	Techrel Pvt.Ltd.,Pune, 097666 91459	Training Session
86	Internship	CodeArt Solutions, Address: Bhairav Nagar, Dhanori, Pune, Maharashtra 411015 Phone: 020 2717 0275	Internship on academic project
87	Industrial Visit	Manisha engineers pvt.Ltd,Pirangut, pune ,Maharashtra 095525 63256	Field Visit
88	Industrial Visit	400KV LONIKAND SUBSTATION MSETCL ,Lonikand, Maharashtra 412216Phone: 074474 40528	Field Visit
89	Industrial Visit	Mapro Food Industry, Panchgani	Field Visit
90	Industrial Visit	Accurate Industries, khalad Contact- 02025291340	Field Visit

91	Industrial Visit	Mandar industries, Aurangabad, Contact-02402351011	Field Visit
92	Industrial Visit	Sai serice centre Pune Nagar Road, Wagholi, Pune, Maharashtra 412207, Contact-099232 08313	Field Visit
93	Industrial Visit	Piaggo AutoMobiles Ltd, Baramati, Contact- 02112 343 770	Field Visit
94	Industrial Visit	Schreiber Dynamix Dairies Pvt Ltd, Baramati, 02112 662 700	Field Visit
95	Exchange of Students/Staff/Faculty	Total Automation for Buildings & Industrial Control Systems (TABICS) Lohegaon, Pune - 411047. Mobile : +91-8424011026	Internship
96	Exchange of Students/Staff/Faculty	JSPM's Narhe Technical Campus Engineering College , Narhe , Pune,02024608710	Exchange of Students/Faculty/Staff/Lab Facility
97	Exchange of Students/Staff/Faculty	JSPM's Bhivarabai Sawant College of Engineering and Research , narhe, pune, 02024608710	Expert Lecture by Dr. Y.S.Angal of E&TC BSIOTR at BSCOER on "Basic Instrumention"
98	Observer of Avishkar-2013 SPPU.Pune	Sinhgad Institute of Technology and research,Narhe,Pune-411041	Expert Lectures/Faculty exchange
99	Invited as a Resource person/Expert lecture on "Research Methodology" for UG and PG students	Padmashree Dr. D.Y.Patil Institute of Technology ,Pimpri, Pune 411018	Expert Lectures/Faculty exchange
100	Worked as Judge in E&TC Engineering Division	The Institution of Engineers ,Pune Local Centre	Expert Lectures/Faculty exchange

101	Session Chair at International Conference ,Technovision - 2014	Sinhagad Institute of Technology and Science	Expert Lectures/Faculty exchange
102	Resource Person for FDP on Discrete Time Signal Processing , SPPU, TE E&TC Syllabus	MIT Academy of Engineering	Expert Lectures/Faculty exchange
103	Session Chair for Signal Processing and Biomedical Field at TEQIP-II Sponsored National Conference on Instrumentation, Control and Signal Processing(ICSP -2013)	SGGS Institute of Engineering and Technology,Vishnupuri,Nanded	Expert Lectures/Faculty exchange
104	Invited as a subject Expert in staff Selection Comittee	ZEAL EDUCATION SOCIETY's Dnyanganga College of Engineering and Research,Narhe Pune 411041	Expert Lectures/Faculty exchange
105	Invitation as a Speaker for"Faculty Orientation Workshop on Control Systems of SE(E&TC/Elex) revised syllabus 2012 course	ZEAL EDUCATION SOCIETY's Dnyanganga College of Engineering and Research,Narhe Pune 411041	Expert Lectures/Faculty exchange
106	Texas Instruments MSP 430 Lab at Department of E&TC BSIOTR, Wagholi,Pune	Trident Tech Labs Pvt Ltd Pune	Texas Instruments MSP 430 Lab at Department of E&TC BSIOTR, Wagholi,Pune

107	Invitation as Resource Person for TWO Days Faculty Development Program(FDP) on Labview Basics and Practices	Bharati VidyaPeeth's College of Engineering for Women,Pune-43	Expert Lectures/Faculty exchange
108	Training to students	Apart Education , 9158896400/01 and Ritu thomas 8554986005	Training
109	Exchange of Students/Staff/Faculty/	Jspm's Imperial College of Engineering and Research, Pune, 02067335100	Exchange of Students/Faculty/Staff/Lab Facility
110	Exchange of Students/Staff/Faculty	JSpm's Rajarshri shahu college of Engineering, Pune, 02065737984	Exchange of Students/Faculty/Staff/Lab Facility
111	Exchange of Students/Staff/Faculty	JSPM's Bhivarabai Sawant Polytechnic, Wagholi, Pune, 02067335100	Exchange of Students/Faculty/Staff/Lab Facility
112	Exchange of Students/Staff/Faculty	JSPM's Jayawantrao Sawant College of Engineering, Hadapsar , Pune,02026970887/9822646293	Exchange of Students/Faculty/Staff/Lab Facility
113	Exchange of Students/Staff/Faculty	JSPM's Padmabhooshan Vasantdada Patil Institute of Technology (PVPIT) , Bavdhan , Pune,02088948000	Exchange of Students/Faculty/Staff/Lab Facility
114	Exchange of Students/Staff/Faculty	Kautilya Institute of Management and Research, Pune, 02067335100	Exchange of Students/Faculty/Staff/Lab Facility
115	Industrial Visit	400KV LONIKAND SUBSTATION MSETCL ,Lonikand, Maharashtra 412216Phone: 074474 40528	Field Visit

116	Industrial Visit	Madhav Capacitors , Address: B-5-2, M. I. D. C. Industrial Estate, Near Lear Corporation Philips Stop, Bhosari, Pune, 02030622265/02027122360Maharashtra 411026 Phone: 08079 453 384	Field Visit
117	Industrial Visit	GMRT Narayangaon, 020-25719000, 9111. Extn. 9228	Field Visit
118	Industrial Visit	Mapro Food Industry, Panchgani, 094226 04705	Field Visit
119	Industrial Visit	Reliance Communication Mumbai, 022 3290 0347	Field Visit
120	Industrial Visit	Persistant System Ltd Pune, Mr. Kaustubha Dhabhade, 919623448243, 020 6703 9500	Field Visit
121	Training sessions	AMCAT Test, Aspiring Minds, anjali.chauhan@aspiringminds.in,011-49657800	Training
122	Industrial Visit	Persistant System Ltd Pune, Mr. Kaustubha Dhabhade, 919623448243, 020 6703 9500	Field Visit
123	Industrial Visit	Mandar Fun foods, Aurangabad Contact-9975547551	Industry visit & internships
124	Industrial Visit	State Transport workshop, dapodi , Contact-02027144656	Field Visit
125	Industrial Visit	Sai serice centre Pune Nagar Road, Wagholi, Pune, Maharashtra 412207, Contact-099232 08313	Field Visit

126	Industrial Visit	Ruchas mfg industries , Aurangabad Contact-02402564884/2555692	Field Visit
127	Industrial Visit	Mapro Food Industry, Panchgani,Contact- 094226 04705	Field Visit

MoUs with Industries:

Sr.No.	Organization with which MoU is signed	Name of the institution/ industry/ corporate house	List the actual activities under each MoU year wise
01	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Ahmednagar Auto & Engineering Association,Ahmednagar,Contact-02412779212	Internship and Training of TE Mechanical Students 15/12/2017 to 5/01/2018 / Internship of TE Mechanical Students 1/06/2017 to 30/6/2017
02	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Rajarshri Shahu College of Engineering , Pune	Inclusion of students of BSIOTR in Pool campus drive at RSCOE
03	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Bhivarabai Sawant Polytechnic, Wagholi, Pune	Utilization of Electrical Machines and Power Electronics Labs. for the conduction of practical for SE Diploma Students
04	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune		Inclusion of students of BSP in Pool campus drive at BSIOTR
05	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune		Guest Lecture by Dr. Y.S. Angal and Prof. H.A.Warkar of E&TC from BSIOTR at BSP on "Matlab" for TE Students
06	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Imperial College of Engineering and Research, Pune	Utilization of Lab. Equiptment for the conduction of practical in Strength of Material(SOM lab) for SE Students
07	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune		1. Utilization of Lab. Equiptment for the conduction of practical in Thermodynamics(Thermo dynamics lab) for SE Students

08	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune		Inclusion of students of ICOER in Tikona Pool campus drive at BSIOTR on 14/7/2016
09	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune		Guest Lecture by Prof. V.G. Puranik and Prof. S.S. Dhubal of E&TC from BSIOTR at ICOER on "Embeded Systems" for FE Students
10	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Kautilya Institute of Management and Research, Pune	Inclusion of students of KIMR in Pool campus drive at BSIOTR
11	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Jayawantrao Sawant College of Engineering, Hadapsar , Pune	Zensar Employment Soft skills Development Training for TE and BE students at JSCOE
12	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Gobal Talent Track,vimanangar , Pune	Softskills training and Industrial Visits
13	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Encryption Infotech Karve Nagar, Pune,/ 8149775757	Internship and Recruitment
14	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	iSASH IT Solutions Pvt. Ltd. Pune/020-65218772	Campus Drive, Internship
15	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	PNG Technology pvt.ltd.	Seminar
16	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Udaradhi Technologies pvt.ltd.	Scheduled Add-On course from 2nd Sept.-2017 on Web Technologies.
17	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Syntego Global IT Systems Pvt.Ltd.	Arranged Recruitment Drive
18	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	CruncherSoft Technologies Pvt.Ltd. Kharadi, Pune,Phone: 020 6540 4041	Internship/ industrial visit
19	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Phoenixzone Technology Pvt Ltd, Pune	Internshiphip
20	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Ktechbeans Softwares Pvt. Ltd.	internship
21	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Barclays Pvt.Ltd.	Industrial visit
22	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	iSASH IT Solutions Pvt. Ltd.	Arranged Recruitment Drive

23	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Talera Ford	Arranged Recruitment Drive
24	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Focus Academy of Carrier Enhacement (Soft Skills and Aptitude trainers) on 01/02/2016 to 10/02/2016	Softskills, Aptitude and Technical Training
25	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	ThinkQuotient Software Pvt. Ltd., 7588384517/9970110799	Training for MCQ's Solving for all Branch Students
26	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Phoenixzone Technology Pvt Ltd, Pune	Internshiphip
27	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Kautilya Institute of Management and Research, Pune	Invited Lecture on "Career Opportunities in Management" by Dr. H. D. Patil of KIMR for Final Year students of all Departments at BSIOTR
28	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Imperial College of Engineering and Research, Pune	Utilization of Lab. Equiptment for the conduction of practical in Strength of Material(SOM lab) for SE Students
29	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Imperial College of Engineering and Research, Pune	1. Utilization of Lab. Equiptment for the conduction of practical in Thermodynamics(Thermo dynamics lab) for SE Students
30	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Imperial College of Engineering and Research, Pune	Inclusion of students of ICOER in Pool campus drive at BSIOTR
31	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Imperial College of Engineering and Research, Pune	Utilization of Lab. Equiptment for the conduction of practical in "Audio/Videao Engg." for BE Students
32	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Rajarshri Shahu College of Engineering , Pune	Inclusion of students of BSIOTR in Pool campus drive at RSCOE
33	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Jayawantrao Sawant College of Engineering, Hadapsar , Pune	Zensar Employment Soft skills Development Training for TE and BE students at JSCOE
34	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	JSPM's Kautilya Institute of Management and Research, Pune	Invited Lecture on "Career Opportunities in Management" by Dr. H. D. Patil of KIMR for Final Year students of all Departments at BSIOTR

35	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Rajarshri Shahu College of Engineering , Pune	Internshiphip
36	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Phoenixzone Technology Pvt Ltd, Pune	Internshiphip
37	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Rajarshri Shahu College of Engineering , Pune	Inclusion of students of BSIOTR in Pool campus drive at RSCOE
38	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Kautilya Institute of Management and Research, Pune	Invited Lecture on "Career Opportunities in Management" by Dr. H. D. Patil of KIMR for Final Year students of all Departments at BSIOTR
39	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Techrel Softskils, Aptitude and Technical Training and Recuitment	Softskils, Aptitude and Technical Training
40	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Total Automation for Buildings & Industrial Control Systems (TABICS) Lohegaon, Pune - 411047. Mobile : +91-8424011026	Internship
41	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	JSPM's Narhe Technical campus Engineering college, Narhe	Inclusion of students of NTC in Pool campus drive at BSIOTR
42	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	TSSM's Bhivarabai Sawant College of Engineering and Research, Narhe, Pune	Inclusion of students of BSCOER in Pool campus drive at BSIOTR
43	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Texas Instruments MSP 430 Lab at Department of E&TC BSIOTR, Wagholi,Pune	Texas Instruments MSP 430 Lab at Department of E&TC BSIOTR, Wagholi,Pune
44	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	APART Softskils, Aptitude and Technical Training and Recuitment	Softskills, Aptitude and Technical Training and Recuitment
45	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Jayawantrao Sawant College of Engineering, Hadapsar , Pune	Inclusion of students of BSIOTR in Pool campus drive at JSCOE
46	JSPM's Bhivarabai Sawant Institute Of Technology And Research,Wagholi,Pune	Rajarshri Shahu College of Engineering , Pune	Inclusion of students of BSIOTR in Pool campus drive at RSCOE

Best Pratices

The institution has taken initiatives to shift learning from traditional "teacher centric" to the "student centric" approach. Following are some of the efforts been taken to make learning more student- centric:-

1. **Experiential learning: -**

Students are encouraged to undertake internship programs, hands on training, industrial training, sponsored projects in order to make them industry ready graduates. Further institute organizes industrial visits, field trips for the students to make them aware of the current market working trends and technologies. Various technical events like model making, robot making, circuit-designing, 3D- sculpt making, etc. are arranged.

2. Participative learning

Students are recurrently motivated to participate in curricular, co-curricular and extracurricular activities so that they become industry ready confident candidates and an amalgam of knowledge and persona.Different departments organize paper presentation, mini- projects, project, and poster-making competitions for the students to promote participative learning. "Cynosure" is a national level technical event organized annually by the institute. This is a platform created to promote awareness of advancements in respective fields and showcase technical expertise and talent of the students. To realize student participation, institute engages students in a number of modern teaching learning methodologies like role play, group discussions, brain storming sessions, etc.

Role play-

Here group of students simulate a scenario by assuming specific roles. Students work through a situation and try to enact a concept/scenario by making the concept live by conversing the dialogues between their group-members. This technique is an excellent mechanism of participative learning since students play their specific role and interact with their peers in order to accomplish their assigned task.

Brainstorming sessions –

Random cases pertaining to day to day issues faced by industry, real life scenarios; technical, non-technical aspects, etc. are explored to nurture the student's problem solving skills.

Group Discussions-

To develop students into future leaders in industry, institute inspires students to participate in a number of group discussions.

Paper presentation:-
Students are exposed to latest trends and practices in industry through case studies and research work presented in the form of research papers.

Project competitions: Institute conducts in-house and outbound competitions pertaining to all. Disciplines by assigning a task in the form of competition.

Computer Engineering- Under Graduate

Name of Department	Computer Engineering		
Course	Engineering and Technology		
Level	Under Graduate		
First Year of Approval By the AICTE			
Academic Year	2021-2022	2020-21	2019-20
Year wise Actual Enrolled	120	110	97
Cutoff Marks of General Quota (CET)	74.27(CET)	81.99(CET)	40 (JEE)
Percentage (%) of Passed With Distinction in Final Year	Result awaiting	40.9%	21.93%
Percentage (%) of Passed With First Class in Final Year	Result awaiting	54.09%	49.67%
Students Placed	76	52	34
Average Pay Package in Rs. Per Year	4 LPA	3.8LPA	4
Students opted for Higher Studies	Result awaiting	4	6
Accreditation of Course	It is in Process		
Doctoral Courses	Nil		
Foreign Collaboration if any	Nil		
Professional Society Membership (Faculty Members)	ISTE,IETE		
Professional Activity	**Details**		
Workshops/FDP/Conferences			

A.Y.	Name of Staff	Details
2019-20	Gauri Virkar	FDP on Artificial Intelligence and Robotics
	Gauri Virkar	Workshop on Certified Information Security Specialist V1
	Supriya Shinde	Workshop on Certified Information Security Specialist V1
	Supriya Shinde	FDP on Laboratory Practice -II
	Jyoti Deshmukh	FDP on Laboratory Practice -I
	Prof. Sharad Adsure	FDP on Laboratory Practice -I
	Gauri Virkar	FDP on Laboratory Practice -III

	Jyoti Deshmukh	FDP on Laboratory Practice -III
	Sheetal Bhagwat	FDP on Embedded systems and Real Time OS
	Sanchika Bajpai	FDP on Machine Learning using Python
	Gayatri Bhandari	FDP on Information and Cyber Security
	Archana Lomte	FDP on "Cyber Security " conducted by VIT
2020-21	Gayatri Bhandari	FDP on "Python Programming"
	Gayatri Bhandari	R Programming training by Spoken Tutorial,IIT Bombay
	Sanchika Bajpai	2 DAYS STATE-LEVEL WORKSHOP ON "dEEP lEARNING USING TENSORFLOW
	Sanchika Bajpai	4- DAYS WEBINAR ON "BLOCK CHAIN TECHNOLOGIES FOR SMART CONTRACTS"
	Sanchika Bajpai	5 DAYS DATA SCIENCE WORKSHOP ORGANIZED BY GRAY ATOM
	Sanchika Bajpai	5 DAY ONLINE STTP ON "RECENT TRENDS AND APLICATIONS OF MACHINE LEARNIG AND DEEP LEANING IN IT "
	Megha Jadhav	Attendened Conference on engineering system and design optimization-2020
	Megha Jadhav	International Conference on Innovative Trends and Advances in Engineering & Technology ICITAET-2019 Technically Co-sponsored by : IEEE Bombay section
	Megha Jadhav	Python Training by Spoken Tutorial ,IIT Bombay
	Megha Jadhav	Data Science workshop at NVIDIA
	Megha Jadhav	Workshop on Deep Learning using TensorFlow
	Megha Jadhav	CETCSE-2k20
	Radha Shirbhate	Attended 1 Week Webinar on "Digital Teaching technique" organized by ICT on 29 June to 4 July.
	Radha Shirbhate	One Week Online Faculty Development Programme on "Introduction to Forensic Science and Digital & Cyber Forensics" 15.05.2020 to 19.05.2020
	Radha Shirbhate	One Week Online Faculty Development Programme on "Climbing the Ladder of Education System Through Innovation & E- Learning Tools " from 04.05.2020 to

		09.05.2020 organized by Information Technology Department.
	Radha Shirbhate	6 days Short Term Training Program on "Research Methodology"conducted on 22 to 27 April 2019 at JDIET Yavatmal.
	Rinku Badgujar	One week FDP on " PHP and MySql" organised in association with Spoken Tutorial Project, IIT Bombay
	Rinku Badgujar	R Programming training by Spoken Tutorial,IIT Bombay
	Rinku Badgujar	One week "NAAC Awareness Programme for Faculty" organized by Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon,
	Rinku Badgujar	one day online FDP on "Digital Electronics Laboratory 2019 course" organized by theDepartment of Computer Engineering, Pimpri Chinchwad College of Engineering &Research, Ravet, Pune, in association with Board of studies
	Rinku Badgujar	One day faculty development program on "Digital Electronics & Logic Design" organized by the Department of Computer Engineering,Hon. Shri. Babanrao Pachpute Vichardhara Trust's Parikrama Group of Institutions, College of Engineering, Kashti, in association with Board of studies
	Anjali Almale	One week FDP on " Python" organised in association with Spoken Tutorial Project, IIT Bombay,remotely organised by AISSMS onApril 28 to May 04, 2020
	Anjali Almale	Short term training programme (STTP)on " Outcome Based Education & Accreditation " held during 26/05/2020 to 30/05/2020 by Dr.Rajendra Gode Institute Of Technology & Research
	Anjali Almale	FDP on " Fundamentals of Data structures" by PICT on 3.7.20
	Jyoti Deshmukh	12 days International FDP on "Recent Trends in Industry 4.0" from 18/5/2020 to 29/5/2020
	Jyoti Deshmukh	One Week Online FDP on "Usage of Technology in COVID-19" organized by Terna College, Mumbai from 28-May 2020 to 2nd June 2020.

	Jyoti Deshmukh	Five days Online FDP on "Advances in IOT" organized by Rodriques COE, Bandra from 29-May 2020 to 2nd June 2020
	Jyoti Deshmukh	Five Days STTP on "Recent Trends of Applications in AI and Deep .Learning in IT" organized by RAIT MUMBAI from 25/5/2020 to 29/5/2020
	Jyoti Deshmukh	Online National Level FDP on "Recent Trends and Innovations in Digital Forensic" from 25/5/20 to 30/5/20
	Gauri Virkar	12 days International FDP on "Recent Trends in Industry 4.0" from 18-May-2020 to 29-May-2020
	Gauri Virkar	One week FDP on "R Programming" sponsored by IITB Spoken Tutorial from 20-May-2020 to 25-May-2020
	Gauri Virkar	One Week Online FDP on "Usage of Technology in COVID-19" organized by Terna College, Mumbai from 28-May 2020 to 2nd June 2020.
	Gauri Virkar	Five days Online FDP on "Advances in IOT" organized by Rodriques COE, Bandra from 29-May 2020 to 2nd June 2020
	Gauri Virkar	Five Days STTP on "Recent Trends of Applications in AI and Deep .Learning in IT" organized by RAIT MUMBAI from 25-May-2020 to 29-May-2020
	Nitin Shivale	one week(10thMay 20-15th May 20) FDP on "R - Language for Analytics & Data Science"
	Nitin Shivale	one week(26thMay 20-30th May20) FDP on "Java Programming"
	Amol Rindhe	Attended One Week faculty Development Program on Python 3.4.3 conducted from 20th to 25th April, 2020.
	Amol Rindhe	participated In the National Level E-conference On Science & Technology Organized by SPVP's S. B. Patil College of Engineering, Indapur held on 15-16 June 2020
	Snehal Patil	One week(5thApril 20-13th April20) FDP on "Java Programming"
	Snehal Patil	Attended PPL syllabus setting meeting for SE 2019 course
	Pallavi Gulave	Attended One Week faculty Development Program on

		Python 3.4.3 conducted from 20th to 25th April, 2020.
	Sheetal Bhagwat	FDP on Data Science
	Sheetal Bhagwat	Cloud computing using AWS
	Sheetal Bhagwat	Ava Business application8
	Shrishail Patil	one week FDP (may 2020) ** Moodle learning managment system**
	Madhavi Kulkarni	AICTE sponcered two week padagogical FDP
	Madhavi Kulkarni	6 days FEP on InfyTQ based foundation program
	Madhavi Kulkarni	One week FDP on " Python" organised in association with Spoken Tutorial Project, IIT Bombay,remotely organised by AISSMS onApril 28 to May 04, 2020
	Sharad Adsure	one week(26thMay 20-30th May20) FDP on "Java Programming"
	Sharad Adsure	one week workshop (4 may 2020-9 may 2020)MOODLE LEARNING MANAGEMENT SYSTEM
	Sharad Adsure	one week(28 April 20-4 May 20) FDP on "R - Programming Language
	Dipika Shevatkar	International Conference attended (ICIFPA 2020).
	Dipika Shevatkar	One Week (20th to 25th April,2020) FDP on Python3.4.3 Sponsered by Spoken Tutorial Project,IIT Bombay
	Dipika Shevatkar	One week FDP (4 may 2020 -9 may 2020)MOODLE Learning Management system by IIT Bombay
	Acrhana Lomte	FDP on Python Programming
2021-22	Prof. Radha Shirbhate	AICTE Training and Learning (ATAL) Academy, FDP on "Advances in Artificial Intelligence" from21/01/2022 to 25/01/2022 at Siksha 'O' Anusandhan (Deemed to be University).
	Prof. G.M.Bhandari	One-Day Faculty Development Program on "Data Science & Big Data Analytics" held on 08th February 2022organized by the Department of ComputerEngineering, I²IT in Association with BoS Computer Engineering, SPPU, Pune

	Prof. Vaibhav Rewaskar	AICTE Training and Learning (ATAL) AcademyFDP on "Advances in Artificial Intelligence" from21/01/2022 to 25/01/2022 at Siksha 'O' Anusandhan (Deemed to be University).
	Prof. Vijay Sonawane	One Day Faculty Development Program on TE-COMP Revised syllabus (2019 course) SEM -II for the subject "Cloud Computing" held on 11th FEB 2022
	Prof. Shrishail Patil	One Day Faculty Development Program on TE-COMP Revised syllabus (2019 course) SEM -II for the subject "Cloud Computing" held on 11th FEB 2022
	Mrs. Madhavi Kulkarni	One Day FacultyOrientation Program on "Object Oriented Programming & Computer GraphicsLaboratory" (217523) S.E. Artificial Intelligence & Data Science (2020 Course), organizedby Department of Computer Engineering, MET's Institute of Engineering, Nashik inassociation with Board of Studies (Computer Engineering), Savitribai Phule PuneUniversity, Pune on August 24, 2021.
	Mrs. Madhavi Kulkarni	One-Day Faculty Development Program on "Data Science & Big Data Analytics" held on 08th February 2022organized by the Department of ComputerEngineering, I²IT in Association with BoS Computer Engineering, SPPU, Pune
	Prof. Shrishail Patil	One-Day Faculty Development Program on "Data Science & Big Data Analytics" held on 08th February 2022organized by the Department of ComputerEngineering, I²IT in Association with BoS Computer Engineering, SPPU, Pune
	Prof. Shrishail Patil	One-Day Faculty Development Program on TE Comp Revised syyluabus(2019) Sem II for the subject "Cloud Computing" held on 11th February 2022organized by the Department of ComputerEngineering, Amrutvahini College of Engineering , Sangamner in Association with

		BoS Computer Engineering, SPPU, Pune
	Prof. Vaibhav Rewaskar	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Advances in Artificial Intelligence" from21/01/2022 to 25/01/2022 at Siksha 'O' Anusandhan (Deemed to be University).
	Prof. Vijay Sonawane	AICTE refresher program on "Python Beyond and Hands on " during 28/01/2022 to 3/02/2022
	Prof. Shrishail Patil	Faculty Development Program onMicrosoft Azure Fundamentals (Online FDP)conducted by ICT Academy on 16 Feb 2022 to 18 Feb 2022
	Prof. G.M.Bhandari	Faculty Orientation Program on "Web Technology and Web Technology Lab", held on 25th February 2022 organized by Department of Computer Engineering, K. K. Wagh Institute of EngineeringEducation and Research, Nashik, in association with Board of Studies(BoS), Computer Engineering, SavitribaiPhule Pune University, Pune
	Prof. Vaibhav Rewaskar	Faculty Development Program onMicrosoft Azure Fundamentals (Online FDP)conducted by ICT Academy on 16 Feb 2022 to 18 Feb 2022
	Prof. G.M.Bhandari	AICTE-ISTE approved orientation program on " Artificial Intelligence and Machine Learning Applications, Challenges , and Oppurtunitie" during 9/2/2022 to 15/2/2022 organized by PES Modern College of Engineering , Pune
	Prof. Radha Shirbhate	AICTE-ISTE approved orientation program on " Artificial Intelligence and Machine Learning Applications, Challenges , and Oppurtunitie" during 9/2/2022 to 15/2/2022 organized by PES Modern College of Engineering , Pune
	Prof. G.M.Bhandari	AICTETraining And Learning (ATAL) Academy Online Elementary FDP on "Faculty Development Program on "Data Science"" from21/02/2022 to 25/02/2022 at J C Bose University of Science & Technology, YMCA,

	Faridabad .	
	Prof. Madhavi Kulkarni	AICTETraining And Learning (ATAL) Academy Online Elementary FDP on "Faculty Development Program on "Data Science"" from21/02/2022 to 25/02/2022 at J C Bose University of Science & Technology, YMCA, Faridabad .

Faculty Publications

A.Y.	2021-22	2020-21	2019-20
International	15	41	42
National	0	1	0
Consultancy Activity	NIL		
Grant Fetched	NIL		

Department Achievement

Workshop/Seminar/FDP/Conferences Organized	2021-22	Guest Lecture on "Carrer oppurtunities after BE/B.Tech" through GATE
	2019-20	Organized workshop on "Artifitial Intelliegence and Robotics"
		One day expert session on "Linux Admin Develop Tools"
		Guest lecture on " DATA ANALYTICS AND INTERNET OF THINGS"
		Organized 2 days workshop on "Machine Learning using Python"
	2020-21	Organized faculty development training programme on "Java Programming"
		Organized training program on "Microsoft Certification Orientation Program"

Staff Achievement (Award/Recognition etc.)

Name of Staff	Achievement details
Gayatri Bhandari	cPGCON2021 reviewer

Corporate Social Responsibility

Academic Year	Activity Details
2021-22	Tree Plantation
	Covid-19 Vaccination CAMP
	NSS CAMP
2019-20	Nirmal Vari Abhiyaan
	7 Days special camp at Pimpri Sandas
2020-21	Nirmal Vari Abhiyaan

	Sadbhavana Divas
	Awareness program on Road Safety
	7 Days special camp at Sakore Tal: Ambegaon
	Social Activity for "Online awareness program to use Aarogya Setu App"
	Mask Making Activity
	Program on "Integrated Govt. Online training portal for COVID 19"
Distinguished Alumni	Ms. Shweta Vyas, Fiserv Ltd. Pune
	Mr. Dhawal Sonawani, Amazon India, Pune
	Mr. Aditya Bhandari, 3D PLM Pune, Highest Package
	Ms. Soumayya Sakkarge , Zensar Pvt Ltd , Pune
	Ms. Rakhi Vishwakarma , TechMahindra

Computer Engineering- Post Graduate

Name of Department	Computer Engineering		
Course	Engineering and Technology		
Level	Post Graduate		
First Year of Approval By the AICTE			
Academic Year	2021-22	2020-21	2019-20
Year wise Actual Enrolled	4	7	6
Cutoff Marks of General Quota (CET)	4.09 (GATE)	64.87	64.33
Percentage (%) of Passed With Distinction in Final Year	NA	NA	100
Percentage (%) of Passed With First Class in Final Year	---	---	--
Students Placed	----	------	----
Average Pay Package in Rs. Per Year	----	------	___----
Students opted for Higher Studies	----	------	___----

Academic Advisory Board

Sr.No.	Institute/Company	Designation
01	Dr. G.M. Bhandari , BSIOTR	Chairman
02	Prof. Jyoti Deshmukh , BSIOTR	Program coordinator
03	Prof. V.S. Sawant	Management Representative
04	Prof. Radha Shirbhate Prof. Nitin Shivale	Module Coordinator

	Prof. Shrishail Patil Prof. Tushar Phadtare	
05	Prof. Radha Shirbhate , BSIOTR	Faculty Representative
06	Mr. Adinath Giri , Giris Tech Hub , Pune	Industry Representative
07	Mr. Abhay Pande , BSIOTR	Aumini Representative
08	Mr. Ulkesh Wani, BSIOTR	Student Representative
09	Mrs. Rekha Vishwakarma	Parent Representative
10	Mr. Juhi Agarwal , BSIOTR	R & D Representative

Mechanical Engineering- Under Graduate

Name of Department	Mechanical Engineering		
Course	Engineering and Technology		
Level	Under Graduate		
First Year of Approval By the AICTE			
Academic Year	2021-22	2020-21	2019-20
Year wise Sanctioned Intake	120	120	120
Year wise Actual Enrolled	04	13	
Cutoff Marks of General Quota (CET)			
Percentage (%) of Passed With Distinction in Final Year			
Percentage (%) of Passed With First Class in Final Year			
Students Placed			
Average Pay Package in Rs. Per Year			
Students opted for Higher Studies			
Accreditation of Course	NAAC B+, Second cycle is in process		
Doctoral Courses	Nil		
Foreign Collaboration if any	Nil		
Professional Society Membership (Faculty Members)	ISTE		

Professional Activity	Details
Workshops/FDP/Conferences (Attended)	
2019-22	10 Faculty members have attended FDPs
	Staff Publications

Department Achievement	Details
Workshop/Seminar/FDP/Conferences Organized	Arranged a webinar on 'Condition Monitoring' by Mr. Hemant Bari, Board member of Condition Monitoring society of India on 21/06/2020.
	Arranged a webinar on 'Understanding the Universe with ScientificTemperament' Mr. by on29 May 2020
Deptt. Achievement (Award/Recognition/ FDP/Seminar/ Workshop organized etc.)	
Corporate Social	Book, Cloth &food collection drive for OPRHAN

Responsibility	school Student
	Tree Plantation
	Blood Donation Camp

Electrical Engineering: Under Graduate

Electrical Engineering	
Course	Engineering and Technology
Level	Under Graduate
First Year of Approval By the AICTE	2009
Accreditation of Course	It is in Process
Doctoral Courses	Nil
Foreign Collaboration if any	Nil
Professional Society Membership (Faculty Members)	ISTE-10 ,IETE-1 ,IEEE-2, IACSIT -1, Association of Engineers - 1

Facylty Publications		
Academic Year	Name of Staff	Details about the paper/chapter/etc
2019-20	**N NGhuge**	"Magnetically Levitated Solar Motor",International Journal of Creative Research Thoughts, Vol. 6, pp. 1-5, ISSN: 2320-2882, Feb. 2020
	K B Kasar	A new fast detection module for short-circuit current detection in PV grid system 2020 2nd International Conference on Inventive …, 2020Cited by 9 Related articles All 2 versions
		A fault detection module based detection of circuit current due to symmetrical and asymmetrical faults in pv grid system, international conference on electrical, electronics, computers, communication, mechanical and computing eeccmc 2018
		Fault detection module based fast detection of short circuit current in pv grid system, ARD IJEET INDIA, Publication date

		2019/7/1
	N D Anwat	"Study of S-Transform For Spectral Energy Feature Space for Fault Location in Transmission Line"ND Anwat, International Journal of Engineering Science 15785
	J V Gole	" Adaptive load scheduling for residential load" International conferance on signal processing , communication, Power and embedded system (2019)
	S. D. GADEKAR	AUTOMATIC SEED SOWING ROBOT BASED ON PIC18F4520 MICROCONTROLLER in jetir volume 6,issue 5, pp-518-523
		PLC Based Fault Location, Isolation and Service Restoration for Distribution System in Proceedings of International Conference on Communication and Information Processing (ICCIP) 2019
	N D Anwat	"Water Distribution and Analysis of Drainage Clot" Assit Prof. Nitesh Anwat, International Research Journal of Engineering and Technology (IRJET) 6 (4), 4
		"Oil Test and Insulation Test of 100 KVA Distribution Three Phase Transformer" N Anwat Proceedings of International Conference on Communication and Information
2019-20	**N NGhuge**	"Design and Implementation of Triac based OLTC of Transformer", International Journal of Scientific research in Science and Technology, Vol. 6, Issue 3, pp. 185-191, ISSN:2395-602X, May-June 2019.
		"Analysis of 1KW Solar Roof Top System", In the Proceedings of International Conference on Communication and Information Processing, ICCIP-2019,**Elsevier-SSRN**, NCOER, Pune,May 17-18, 2019.
	K B Kasar	Arduino Based Smart Helmet for Coal Mine Safety K Kasar - 2nd ICCIP 2020
	S. D. GADEKAR	Microcontroller Based Thermoelectric

		Cooling For Electric Vehicle Battery Charging Application in 2nd International Conference on Communication & Information Processing (ICCIP) 2020
		PLC Based Automatic Control of Overhead Trolley Crane for Industrial Application in 2nd International Conference on Communication & Information Processing (ICCIP) 2020
	N D Anwat	"Design and Implementation of Smart Blind Stick" N Anwat Available at SSRN 3645413
		"Smart Charging of Electric Vehicle" N Anwat Available at SSRN 3645314
	R.V.KOMPELLI	Comparison and Performance Analysis of Speed control of IM by DTC & SVM-DTC using MATLAB Kompelli R.V. (ISSN-2349-5162)s
2020-21	**N NGhuge**	Application of VFD For Three Phase Induction Motor", In the Proceedings of the Second International Conference on Communication and Information Processing, ICCIP-2020,**Elsevier-SSRN**, NCOER, Pune, June 26-27, 2020.
		"Automatic Water Reading and Billing System by GSM Module", In the Proceedings of the Second International Conference on Communication and Information Processing, ICCIP-2020, **Elsevier-SSRN**, NCOER, Pune, June 26-27, 2020.
		"GSM Based Polyhouse Farming and Controlling using Bidirectional Pump", In the Proceedings of the Second International Conference on Communication and Information Processing, ICCIP-2020, **Elsevier-SSRN**, NCOER, Pune, June 26-27, 2020.
	K B Kasar	Arduino Based Smart Helmet for Coal Mine Safety K Kasar - In the Proceedings of the Second International Conference on Communication and Information Processing, ICCIP-2020, **Elsevier-SSRN**,

		NCOER, Pune, June 26-27, 2020.
		Solar Based Smart Wheelchair with Stretcher Mechanism, In the Proceedings of the Second International Conference on Communication and Information Processing, ICCIP-2020, **Elsevier-SSRN**, NCOER, Pune, June 26-27, 2020.
	S. D. GADEKAR	IOT Based Smart Energy Meter Using ESP 32 S Gadekar, M Pimple, S Thopate, A Nikam Available at SSRN 3917892
		PLC Based Factory Automation Interfaced with SCADA S Gadekar, A Jasud, K Sable, R Chandankar Available at SSRN 3917849
		Mitigation of Voltage Sag/Swell Using Dynamic Voltage Restorer B Chopade, L Chandapure, F Inamdar, S Gadekar ICCIP-2021
		Arduino Uno-ATmega328 P Microcontroller Based Smart Systems S Gadekar, G Kolpe, G Rutuja, V Fatate, B Bhosale, S Chate, A Lad Available at SSRN 3920231
	N D Anwat	"Smart Drainage Blockage Early Indication System" N Anwat ICCIP-2021
		"Time-Table Display System Using Raspberry PI" N Anwat ICCIP-2021
		"Next Generation Computing Utilities Using Arduino" N Anwat, ICCIP-2021
		"Next Generation Control and Precision Gadgets" N Anwat, ICCIP
2021-22	**N NGhuge**	"Analysis of 5Kw Rooftop System by using PVSyst Software", Science and Engineering Journal, Vol. 25, Issue 6, pp. 70-76, ISSN: 0103-944X, June 2021.
		"Paaward Based Circuit Breaker Control", Science and Engineering Journal, Vol. 25,

		Issue 6, pp. 70-76, ISSN: 0103-944X, June 2021.
		"Modelling of DC-DC Converter for Solar Based Electric Vehicle", In the Proceedings of the Third International Conference on Communication and Information Processing, ICCIP-2021, **Elsevier-SSRN**, NCOER, Pune, June 26-27, 2021.
		"IoT Based Battery Management System for Electric Vehicles", In the Proceedings of the Third International Conference on Communication and Information Processing, ICCIP-2021, **Elsevier-SSRN**, NCOER, Pune, June 26-27, 2021.
		"Forest Fire Detection Using Arduino Based WSN", In the Proceedings of the Third International Conference on Communication and Information Processing, ICCIP-2021, **Elsevier-SSRN**, NCOER, Pune, June 26-27, 2021.
		"IoT Based Monitoring and Controlling of 11KV Substation", In the Proceedings of the Third International Conference on Communication and Information Processing, ICCIP-2021, **Elsevier-SSRN**, NCOER, Pune, June 26-27, 2021.
	K B Kasar	A Smart Safety Helmet for COVID Detection for Workers, In the Proceedings of the Third International Conference on Communication and Information Processing, ICCIP-2021, **Elsevier-SSRN**, NCOER, Pune, June 26-27, 2021.
		Zero Blackout Avoidance by Using Arduino, In the Proceedings of the Third International Conference on Communication and Information Processing, ICCIP-2021, **Elsevier-SSRN**, NCOER, Pune, June 26-27, 2021.
		Modern Electrical Engineering Based Utilities for Industrial Applications, In the Proceedings of the Third International Conference on Communication and Information Processing, ICCIP-2021, **Elsevier-SSRN, NCOER**, Pune, June 26-27, 2021.
		Next Generation Electrical Devices and

		Control: An IoT Perspective, In the Proceedings of the Third International Conference on Communication and Information Processing, ICCIP-2021, **Elsevier-SSRN, NCOER**, Pune, June 26-27, 2021.
	G R Lohote	Arduino Based Security and Safety Utilities Authors Ganesh Lohote Publication date 2021/6/27 Journal Available at SSRN 3919804
		Design and Analysis of GSM Based Smart Utilities Authors Ganesh Lohote, Siddeshwar Patil, Saurabh Mirajkar, Mayur Kawale, Swapnil Pujari, Akashkumar Raje, Akshay Sawant Publication date 2021/6/27 Journal Available at SSRN 3919440
		Systematic Design and Analysis of Wireless Power Transmission and Energy Distribution Authors Ganesh Lohote Publication date 2021/5/24 Journal Available at SSRN 3920218
		Substation Automation Operation and Protection Authors Ganesh Lohote International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 8 Issue V May 2020- Available at www.ijraset.com

FDP/WORKSHOP/CONFERNECE/STTP/ETC ATTENDED		
Academic Year	**Name of Staff**	**Details about FDP/workshop/seminar /conference etc**
2020-21	**N NGhuge** Type your text	Two Week ISTE STTP on "Electric Power System" Conducted by IIT Kharagpur, from 12th June 2017 to 15th July 2020.
		One day workshop on "Syllabus Revision of BE Electrical(2015 Course), Organized by Dept. of Electrical Engineering, under the aegis of B.O.S. Electrical SPPU Pune on 30th Jan 2020
		One Day State Level Seminar on "Patent: IP Discovery, Analysis, Protection and Education" Sponsored by SPPU, organized by JSPM's BSIOTR, Pune on 15th Feb 2020
	J V Gole	International conferance on signal processing , communication, Power and embedded system (2020)
		3 days training on Techno managerial program for best industrial practices
	N NGhuge	One Day National conference on, "Indian Higher Education Challenges of Autonomy and Accountability", August 19, 2019.
	N NGhuge	One Day State Level Workshop on " NBA Accreditation- An Outcome Based Approach", Organized by IQAC, Dhole PatilCOE, Pune, December 28, 2019
		Conclave on "Advances in Solar System, Electric Vehicle and Awareness", Organized by G. H. R. I. E. T. Pune in association with IEEE PES IAS Chapter, SPPU and ARAI, February 25-26, 2020
	S. D. GADEKAR	Online webinar on Electric Vehicles organized by MVPS KBGT COE, Nshik
		Machine Learning and Its Applications in Engineering Organized by Maulana Mukhtar Ahmed Technical Campus, Malegaon, Nashik

		FDP on GAMS (Power System Optimization using GAMS) organized by RIT Rajaramnagar
		National E-Conference on Innovative Research in Electronics & Telecommunication (NCIRET) organized by Jagadamba COE, Yawatmal
		International E-Conference on Innovative Research in Electronics & Telecommunication (NCIRET) organized by Jagadamba COE, Yawatmal
		International Conference on Communication and Information Processing (ICCIP-2020) organized by The Nutan College of Engineering and Research (NCER), Pune-India
		Renewable Energy Source-On grid and off grid organized by MET's Institute of Engineering, Nashik
	A.V. Hadole	One day workshop on TRIZ attended for understanding scientific management and engineering principles in march 2020
	R.V.KOMPELLI	Seven day workshop on PHP and MySQL organized by Kashibai Navale College of Engineering,pune
		Five days online STTP on MATLAB based Teaching in Mathematics, science & Engineering organized by Ramrao Adik Institute of Technology, Neruls
2020-21	**K B Kasar**	Wireless communication (6G) and future of IoT organized by SSGM CoE Shegaon, 12.08.2020
		International Conference on Communication and Information Processing (ICCIP-2020) organized by The Nutan College of Engineering and Research (NCER), Pune-India, 26-6-2020- 27-6-2020s
		Solar Energy and Energy Bill Audit Organized by PCCOE Nigdi, Pune, 25.05.2020 to 27.05.2020
	N D Anwat	International Conference on Communication and Information Processing (ICCIP-2020) organized by The Nutan College of Engineering and Research (NCER), Pune-India, 26-6-

			2020- 27-6-2020
	Type your text		Holistic Approach Towards Reactive Power & Harmonic Distortion Management To Avail Benefits Of Kvah Billing on 30-5-2021
			Need of Cyber Security Skills and Job Opportunity
2020-21 Type your text		**A.V. Hadole**	Three day online FDP on "Recent Technologies in Electrical Engineering" From 10/02/2022 to 12/02/2022, organised by dept. Of Electrical Engg. At JES's SND Poly yeola, Nashik
		S. D. GADEKAR	Three day online FDP on "Recent Technologies in Electrical Engineering" From 10/02/2022 to 12/02/2022, organised by dept. Of Electrical Engg. At JES's SND Poly yeola, Nashik
		K B Kasar	Three day online FDP on "Recent Technologies in Electrical Engineering" From 10/02/2022 to 12/02/2022, organised by dept. Of Electrical Engg. At JES's SND Poly yeola, Nashik
		R.V. Kompelli	Five day online FDP on " Universal Human Rights" from 7/2/2022 to 11/2/2022 organised by AICTE

Conclusion:

The organization is implementing a well-structured teaching–learning process that prioritizes Outcome-Based Education for a diverse student body. The goal is to equip students with the skills needed for their professional careers, emphasizing moral and ethical values for socio-economic development. This presents a significant opportunity for the institution to influence the future of its students through Academic Flexibility, student-centric activities, project-based learning, internships, and community-oriented initiatives. Simultaneously, the institute faces the challenge of preparing students to meet the demands of an ever-evolving technological landscape.

The teaching process is centered around the learner, employing effective methodologies like participative learning, experiential learning, and collaborative learning modes. The institution's educators are well-prepared and proficient in utilizing ICT tools and teaching methods, enhancing the students' learning experience. An essential aspect not to overlook is the institution's transparent and dedicated governance, supported by the management's commitment to providing necessary amenities, facilities, and financial support for both academic and administrative processes.

PRINCIPAL
Dr. T.K.NAGARAJ
JSPM's BSIOTR, PUNE

JSPM's
BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI, PUNE 412 207

(DTE-6311)

Gate No. 720/2, Nagar Road, Wagholi, Pune, Maharashtra 412207
Approved By AICTE, New Delhi, Govt.Of Maharashtra & Affiliated To Savitribai Phule Pune University

ANNUAL REPORT 2021-22

Gate No. 720/2, Nagar Road, Wagholi, Pune, Maharashtra 412207
Approved By AICTE, New Delhi, Govt.Of Maharashtra & Affiliated To Savitribai Phule Pune University

Introduction:

JSPM's Bhivarabai Sawant Institute of Technology and Research (BSIOTR) is approved by the All India Council for Technical Education (AICTE) and Directorate of Technical Education (DTE) Government of Maharashtra and Affiliated to Savitribai Phule Pune University (SPPU), Maharashtra State. The institute is a self-financed private organization established in the year 2009. It is located at GAT No.720/1&2, Pune-Nagar road, Wagholi, Pune and its geographical location is latitude 18.58614 and longitude 74.003956. The institute is offering full-time five undergraduate courses and two post-graduate courses in an engineering discipline. Eleven batches of students have graduated from the institute. The institution is committed to imparting quality technical education to achieve its vision and mission.

The institute is offering five undergraduate and two postgraduate programs affiliated to the Savitribai Phule Pune University (SPPU). The Institution provides adequate facilities and ensures the best possible utilization of physical infrastructure to support the teaching-learning process, co-curricular, extracurricular activities and an ecosystem for research and innovation. The infrastructure and facilities fulfil the norms laid by AICTE, DTE, and SPPU. The facilities are regularly upgraded considering the need of stake holders.

Institute's Vision

"Satisfy the aspirations of youth force, who want to lead nation towards prosperity through techno-economic development."

Institute's Mission

"To provide, nurture and maintain an environment of high academics excellence, research and entrepreneurship for all aspiring students, which will prepare them to face global challenges maintaining high ethical and moral standards."

Principals Message:

JSPM's Bhivarabai Sawant Institute of Technology & Research (BSIOTR) is an institution where students are groomed into technocrats having the skill sets compatible to the industries/employers and the society at large. The academic infrastructure of the institute is having state of the art facilities like smart boards, virtual class rooms and internet and Wi-Fi enabled class rooms to facilitate the teacher to implement the well-crafted curriculum in an effective manner to achieve the goal of outcome based education. Different teaching methodologies and modern teaching tools adopted by the teacher in teaching-learning process, supplemented with extra-curricular and co-curricular activities help the students to acquire the skills required to pursue their dream career. We believe in strong and cordial interaction between teachers and students which is an essential parameter to help the students to achieve greatness in academics, extracurricular and co-curricular achievements. This is being practiced in this institute with great care and devotion. BSIOTR expects its graduating students to excel with their skills both inside and outside of the classroom. I would like to express through this message that, you being part of this institution as a student or staff member, would definitely feel proud of yourself because of its excellent teaching-learning environment and commitment to serve the nation for its techno-economic development. I welcome all the students who wish to be part of BSIOTR to fulfill their aspirations of becoming an able engineer who will fulfil the needs of the industries, society and the nation. Good intention and smart efforts never go waste. And team work is a key factor for success. So we believe in team work for grooming the students.

Dr. T. K. Nagaraj
Principal
JSPM'S BSIOTR WAGHOLI,
PUNE 412207

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STRENGTH, WEAKNESS, OPPORTUNITY AND CHALLENGES (SWOC):

- **Institutional Strength:** 1. Prepared to implement NEP-2020 2. Teaching Faculty upskilling policy 3. Student-Centric ICT enabled Teaching-learning 4. Dedicated faculty members. 5. Structured Mentoring System 6. Extensive Use of modern teaching tools and Resources.

- **Institutional Weakness:** 1.Liaoning with research organization 2. MOUs with foreign Universities

- **Institutional Opportunity:** 1. Implementation of NEP-2020 2. Innovations through Research 3. Imbibing entrepreneurship skills to budding entrepreneurs 4. Collaborative activities with industry and institutions. 5. Multidisciplinary approach.

- **Institutional Challenge:** 1. changing the learning style of students from exam-oriented learning to knowledge-based learning applicable to real-life 2. Making students ready for fast-changing scenarios in industries, due to limited flexibility. 3.Making the students industry ready coping up with ever changing technological developments and its applications.

1. ## Name of the Institution

- JSPM'S Bhivarabai Sawant Institute of Technology & Research, Wagholi, Pune

- Gat no:720/1&2,
  Nagar Road,
  WagholiPune-
  412207

- AddressincludingTelephone,Mobile: **020-65217050**

  Gat no:720/1&2, Nagar Road, WagholiPune-412207

- MOBILE NO: 9922914761

- E-Mail: *principalbsiotr@gmail.com*

2. ## Name and address of the Trust

  Address: Jayawant Shikshan Prasarak Mandal,
  Sawant Corner, S.No 84/2E/1/5,3rd Floor,
  Katraj Chowk, Katraj, Pune 411046Mobile;
  (020)-
  22933423,22934344,22934347,22934084
  E-Mail: info@jspm.edu.in

3. ## Name and Address of the Principal
  - Name; Dr. Nagaraj Kalyanappa Timalapur (Principal)
  - Address including Telephone: Survey no
    720 Pune Nagar road Ta:
    Haweli(excludingCorporation Area) Dist:
    Pune Pincode: 412207,
  - Mobile: 9922914761
  - E-Mail: principal@jspmbsiotr.edu.in

4. ## Name of the affiliating University

  - Savitribai Phule Pune University, Pune

5. **Members of Academic Advisory Body**

Role: AMC is centralized (Institute level) committee responsible for drafting, regulating and implementing different academic policies. It is meant for smooth & uniform conduction of academics throughout the institute.

Governing Board		
Sr.No.	**Name**	**Designation**
1	Dr. T.K.Nagaraj	Principal
2	Dr. Arun G. Patil	Dean Academics
3	Dr. Yogesh S. Angal	Member
4	Dr. Nilam Ghuge	Member
5	Dr. Gayatri Bhandari	Member
6	Prof. Vidya Jagtap	Member
7	Prof. P.V.Jatti	Member

AMC is headed by Academic Coordinator along with Co-coordinator. The representative fromeach department acting as Departmental Academic Coordinator is the member of AMC. All coordinators are involved in policy making process. Class teachers & Teacher Guardians are pillars of AMC. All Teachers are responsible for implementing the same.

AMC Hierarchy

6. Student Feedback on Institutional Governance/ Faculty performance

Objective of Feedback:

The Institute is affiliated to Savitribai Phule Pune University (SPPU). The syllabus is framed by the university as per the statutory provisions. This task is assented to selected institutes to frame the syllabus. Such institute conduct syllabus revision workshop in which Teachers, Invited Industry Experts, Senior Professors share their views and finalize the draft of the syllabus. This syllabus is then approved by BOS/Academic Council/Executive Council of the Savitribai Phule Pune University, Pune. Syllabus implementation workshops are again conducted by selected institutes in which the concerned subject teachers participate. In this workshop the extent of the contents to be covered for all units and laboratory work are finalized. The syllabus so framed is implemented in the institutes. The feedback of the stakeholders namely Student, Parent. Alumni and Employer is obtained which help the institution to design curricular and extra circular activities to enhance the learning and develop skills of the students

Student Feedback Questions

1. How do you rate the curriculum being implemented at the institute is upgrading your knowledge level?
2. Quality of the teaching methods and techniques being used to implement the designed curriculum
3. How do you rate the quality of industry expert lectures/seminar to understand the concepts?
4. Is the level of present curricula sufficient in solving actual industrial problems?
5. Are the industrial visits, guest lectures, workshops, add-on courses helping you to development Engineering skills?
6. How do you rate teaching â€"learning methods and techniques in participative learning?
7. Is the experimental learning in laboratories helping you to understand the concepts?
8. Is the curriculum being implemented helpful in developing human values and etiquettes in you?
9. How do you rate the curriculum for creative and innovativeness?
10. Do you think the curriculum is sufficient enough to make you an employable engineer?

Parent Feedback Questions

1. Is your ward capable to use his/her knowledge to get/perform the job?
2. How much your ward is capable to analyses the things related to stream/Branch?
3. How well he/her is able to face new problems and challenges?
4. Does your ward use modern engineering tools, techniques and software?

5. Does your ward behave in responsible manner?

6. How much he/she is careful about safety, society, health and environment?

7. How well does he/she follow the discipline, time and ethics?

8. How well your ward is able to work in group of people?

9. How well he/she is able to handle his work and financial matters?

10. Does the designed Curricula/Syllabus help ward in catering needs of society, economy and environment? If no, suggest necessary additions in curricula/Syllabus.

Alumni Feedback Questions

1. Do you think that your experience at BSIOTR laid the foundation to compete professionally as an engineer?

2. Do you think that your experience at BSIOTR laid the foundation to apply the problem solving skills you learned at BSIOTR to meet the challenging demands and increasing responsibilities of a successful engineering career

3. Do you think that your experience at BSIOTR laid the foundation to model/formulate/solve engineering problems?

4. Do you think that your experience at BSIOTR laid the foundation to be a lifelong learner?

5. Do you think that your experience at BSIOTR laid the foundation to think creatively and critically?

6. Do you think that your experience at BSIOTR laid the foundation to continue to learn in your profession, using modern technology and communication skills?

7. Do you think that your experience at BSIOTR laid the foundation to function effectively in multidisciplinary teams?

8. Do you think that your experience at BSIOTR laid the foundation to be a leader in solving important problems for your employer and for society?

9. Do the designed Curricula help you in catering needs of society, economy and environment? If no, suggest necessary additions in curricula.

10. Does the designed syllabus help you in solving actual industrial problems? If no, suggest necessary additions in Syllabus.

Employer Feedback Questions

1. Has the graduate ever been engaged in effectively applying engineering/ technology in their profession
2. Compete professionally as an engineer
3. Successfully apply their learned skills throughout their professional pursuits

4. Can they Model/formulate/solve engineering problems & develop cost effective solutions for organization?
5. An ability to design and conduct experiments, as well as to analyze and interpret data
6. Awareness of the value of continuous improvement, with a focus on quality and a commitment to life - long learning:
7. Ability to effectively articulate ideas in both written and oral communications:
8. Ability to work effectively as a member of a multi-discipline project team:
9. Do the designed Curricula help in catering needs of the organization? If no, suggest necessary additions in curricula?
10. Does the designed syllabus help the graduate in solving actual industrial problems? If no, suggest necessary additions in Syllabus?

Purpose of Feedback:

1. Alumni Feedback is taken from Alumni for the academic year. The analysis helped the institute in development of curriculum.

2. Feedback about Faculty is taken from students twice a semester. The various parameters on which teaching is assessed are: Communication Skills, Quality of Teaching/ Academic input, Subject Knowledge, Content and Method of Delivery, Resourcefulness, Readiness of teacher, Accessibility and Availability of Teacher in Campus/ Department. Feedback is signed by the Director and conveyed to the faculty by respected Head of the Department. Counseling of faculty having feedback count less than sixty percent is carried out by Head of the Department as well as by the Dean academics for his/ her improvement.

3. An Institute level Parent Teacher meeting is conducted once every semester. During the meeting, parents are made aware about their wards' attendance, academic performance for the semester as well as about the various learning processes conducted in the institute. In academic year 2021-22, Suggestions given by parents were taken into consideration for further actions. Also this helped in identifying the parents who would help in providing support to the institute in terms of Projects, internship and placement etc.

4. Feedback about Institute is also taken from all students once in a year. This includes the feedback about the facilities and the infrastructure of the institute.

5. Various companies visit the campus of the institute for the placement of the students. Based on this feedback, Guest lectures, workshops, seminars are organized for students to help them to be ready for industry

Internal Quality Assurance Cell:
IQAC cell of BSIOTR, Wagholi

Sr.No	Name of Member	Designation	Designation in IQAC
1	Dr.T. K. Nagaraj	Principal	Chairperson
2	Dr.Ravi Joshi,	Director, Planning and Development, JSPM	Member (MR)
3	Er.Rajendra Nimbargi	Sr. Manager Quality & M.R. Helvoet Rubber & Plastics technologies (I) Pvt. Ltd.Pune	Member (Industrialist)
	Mr.Prashant Mane	Director, Phoenixgen Pvt Ltd, Pune	Member (Employer)
4	Mr.Vijay Gadad,	Manager, Honeywell International India Pvt Ltd, Pune	Member Local Society
6	Mr. Santosh Jathar	Parent	Member (Parent)
7	Dr.Arun Patil	Dean academic	Member (Teaching)
8	Dr.N.N.Ghuge,	HOD, Electrical Engineering	Member (Teaching)
9	Dr.P.S.Kachare,	HOD, Mechanical Engineering	Member (Teaching)
10	Dr.Y.S.Angal,	HOD, Electronics and Tele Engg	Member (Teaching)
11	Mrs.Vidya Jagtap,	HOD, Information Technology	Member (Teaching)
12	Dr.Gayatri Bhandari	HOD, Computer Engineering	Member (Teaching)
13	Dr.Swati Godse	HOD, Engineering Science	Member (Teaching)
14	Dr.A.L.Wanare	Professor	Member (Teaching)
15	Mr.Ganesh Lahote	Training and Placement Officer	Member (Teaching)
16	Mr. Pritam Anuse	Office Superintendent	Member Admin
17	Mr.Sachin Kawathe	Sr. Clerk	Member Admin
18	Mr.Darshan Patiln	Enzigma Pvt Ltd, Pune	Member (Alumni)
19	Miss.Nikita Mane,	Student, E&TC	Member Student
20	Mr.Gaurav Thakur	Student, E&TC	Member Student
21	Mr.P.V.Jatti	Associate Professor	Coordinator/Director IQAC

7. **Programmes**

Name of UG and PG Programs approved by AICTE & Accreditation status

Sr. No.	Programs	Level	Sanctioned Intake	NAAC Accreditation	NBA Accreditation
01	Computer Engg	UG	120	Accredited byNational Assessment and Accreditation Council, Bangaluru	Eligible ,notapplied
02	Information Technology	UG	60		Applied, PeerTeam Visit pending
03	Electrical Engg	UG	60		
04	Electronics & Telecom Engg	UG	60		
05	MechanicalEngg	UG	120		Eligible ,notapplied
06	Computer Engg	PG	24		Not Eligible
07	Electronics & Telecom Engg	PG	24		Not Eligible

8. **Campus placement:**

416 students placed in different industries offering salary package from 1.8 to 7.5 lakhs per annum out of 546 final year outgoing students placed.

Total placement percentage in 2021-22 is above 76%

9. **Number of Students admitted in 2021-22:**

Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted
UG			
Computer Engineering	631124510	480	618
Information Technology	631124610	240	309
Electrical Technology	631129310	240	251
Electronics and Telecommunicaiton	631137210	240	253
Mechanical Engineering	631161210	480	358
PG			
Computer Engineering	631124510	48	12
ETC- VLSI & Embeded system	631124510	48	1
		1776	1802

Year	Number of seats earmarked for reserved category as per GOI or State Government rule				
	SC	**ST**	**OBC**	**Gen**	**Others**
2021-22	178	92	434	776	296
Number of students admitted from the reserved category					
2020-21	**SC**	**ST**	**OBC**	**Gen**	**Others**
	223	8	440	921	210

10. Information of Infrastructure and Other Resources Available

- **Number of Class Rooms/Tutorial rooms with size/Laboratories/Drawing Halls /Computer Centers with capacity of each:**

- **Instructional Area (Carpet Area) in Sq.M.**

Particulars	For existing intake			
	Nos.		Area	
	Required	Available	Required	Available
Class Rooms	30	31	1980	2100
Tutorial Rooms	8	8	264	374
Tutorial Rooms(PG)	2	4	66	182
Laboratories	56	57	3696	3958
Laboratories(PG)	2	2	132	141
Research Laboratory(PG)	1	1	120	142
Drawing hall	1	1	132	132
Workshop	1	1	200	532
Seminar Hall(UG&PG)	4	5	462	674
Computer Centre	1	1	150	150
Library and Reading Room	1	1	600	600

10. Administrative Area (Carpet Area) in Sq.M.

Particulars	Forexistingintake			
	Nos.		Area	
	Required	Available	Required	Available
Principal/Director Office	1	1	20	42
Board Room	1	1	30	30
Office all inclusive	1	1	150	150
Department Offices	5	6	100	120
Cabins for Head of Departments	5	6	50	60
Faculty Area	5 Sqm per Faculty		675	926
Examinations Control Office	1	1	30	32
Placement office	1	1	50	77
Central Stores	1	1	30	44
Maintenance	1	1	10	10
Security	1	1	10	10
House Keeping	1	1	10	10
Pantry for Staff	1	1	10	10

- **Amenities Area (Carpet Area) in sqm**

| Particulars | For existing intake | | | |
| | Nos. | | Area | |
	Required	Available	Required	Available
Toilets(Ladies &Gents)	---	23	150	350
Girls Common Room	1	1	75	100
Boys Common Room	1	1	75	75
Cafeteria	1	1	150	210
Stationery Stores & Reprography	1	1	10	10
First Aid Cum Sick Room	**1**	1	10	10

- **Central Examination Facility, Number of rooms and capacity of each:**

  - Available in institution as per requirement of Savitribai Phule Pune University, Pune

- **Online examination facility (Number of Nodes, Internet bandwidth, etc.)**

Internet and WI-FI facility:	Internet Facility Details:100 Mbps leased lineContent Ratio: 1:1(Gold) (ISP provider –TATA Telecom),Date of Updating: 01/09/2017 Aircell Backup line:10Mpbs

11. **Library:**

  - **Number of Library books/ Titles/ Journals available**

	UG Details			
Sr.No.	Program	Title	Volume	Journals(Nat/Int)
1	Computer Engineering	708	3966	12
2	Information Technology	471	1963	6
3	Mechanical	520	2558	12
4	Electrical Engineering	469	2368	06
5	E &TC Engg.	614	2655	06
6	General Science	480	890	06
	PG Details			
1	ME E&TC	91	429	8
2	MECOMP	114	513	6
	Total	**3467**	**15342**	**62**

12. Library Facility:

Sr.	Particular	Availability
1	Total area of the library	600SQ. MTR
2	Seating capacity of the library	150
3	Reprographic facility	Yes
4	Working hours of Library (Regular time)	8.30amto 5.00pm
	Working hours of Library(Extended time during Exams)	8.30amto 2.00am
5	Library net working facility	Yes
6	Usage data of the library(interms of books issued to the faculty	10 books for faculty 5 books for student
7	Annual library budget (%of annual student fee collected)	7 %
8	News Paper Facility	6
9	Book Bank Scheme Reference Room	1
10	Digital Library	1

National Digital Library (NDL) subscription details

- National Digital Library Membership: Yes
- The JSPM'S BSIOTR College have NDL Membership

13. Laboratory and Workshop

List of Major Equipment/Facilities in each Laboratory:

Department of Information Technology:

List Major Equipment of Information Technology Department			
Particular	**Quantity**	**Rate**	**Total Amount**
IBM Server X 3-400 M3 tower server	1	84,000.00	84,000.00
CPU	56	9,750.00	546,000.00
Monitors LED 18.5"	56	5,857.00	327,992.00
Digital Trainer kits	15	5,450.00	81,750.00
8086 kits	5	12,875.00	64,375.00
Digital Trainer kits for CMOS & TTL	15	5,200.00	78,000.00
HCL Computers	25	18,571.43	464,285.75
IBM Rational software architecture	30	5,833.33	175,000.00
COMPUTER(ACER)	20	20,250.00	405,000.00
Accer Variation Core I5 6th Gen.	25	35,628.00	8,65,700
D link 48 ports DES-1210-52	4	15,047.60	60,190.40
10 KVA Online UPS Battery 65AH Rack	1 16 1	1,08,000 4,700 4,000	2,28,416

Department of Computer Engineering:

Sr. No.	Equipment	Specifications	Quantity
1	Computer P4	Model : Intel DC 2.8 GHz, 1 GB DDR2 RAM, 320 GB HDD, Keyboard, Mouse , Monitor 18.5" LCD	240
2	Computers i5	Model : Intel i5 Processors 3.2 GHz , 4 GB DDR3 RAM , 320 GB HDD , k/b , mouse , 18.5" LCD Monitor	20
3	Smart Board	Interactive Intelligent Panel 55"	01
4	Printers	CANON LASER , DOT MATRIX , HP Wireless	23
5	Switch	24-Port D-Link switch	14
6	LCD Projectors	HITACHI/CANON Projector CP-RX79	4
7	Begal Bone Processors	Begal Black Bone ARM Cortex –A8 Processor	10
8	Study Card	Traffic PIO: study card	2
9	Study Card	PIO-ELESIM: Study card	2
10	Study Card	PIO-Stepper: study card	2
11	Study Card	PIO-DAC with SMPS	2
12	8086Microprocessor Kits	DYNA -86L , with display and SMPS, CC-SET: Cable Connector, Keyboard	20
13	Study Card	8255 Study card	4
14	Study Card	8253 Study card	4
15	Study Card	8251 Study card	4
16	Study Card	8279 study card	4
17	Study Card	PIO-DAC01	4
18	Study Card	PIO-STEPPER study card	4
19	Wireless Router	ADSL Router DLink	2
20	Graphics Card	ASUS NVidia GeForce Graphics card	30

Department of E&TC Engineering:

Sr. No./ Name of the Lab	Name Of Instrument	Quantity	Total Cost in Rs.	
1. WTALab	AMITECH make Antenna Training Lab 5 MHz – 2 GHz with 30 antennas(Model ATS20)	01	2,94,975/-	3,68,475/-
	Satellite Communication Trainer	01	73,500/-	
2. TMTLab	100 kHz high precision LCR-Q Meter	01	1,22,625/-	10,43,937/-
	Optical Time Domain Reflectometer (OTDR) Model MTS 6000 Make JDSU	01	2,85,600/-	
	25 Mhz to 4 GHz one channel Vector Network Analyzer Model site Master ss331D. Make Anritsu	01	4,39,950/-	
	Data Acquisition Trainer	01	81,774/-	
	PLC Trainer Kit	01	1,13,988/-	
3. PG Lab II	3 GHz spectrum Analyzer with tracking generator (Model PsA 3000 + TG Make Ed Corp.)	01	3,15,000/-	3,15,000/-
4. Project Lab	3 GHz spectrum analyzer with tracking generator (DX 2001)	01	2,70,000/-	3,88,000/-
	PCB Design Set up(Coater+Exposure+Etcher+Drilling Machine+Circular Saw+Accessories)	01	1,18,000/-	
5. Communication Lab	3G Mobile Trainer Kit	01	67,837/-	67,837/-
6. Research Lab	NI MY RIO Embedded system kit	01	1,19,537.26/-	1,99,537.26/-
	EasyIO:Easy Input & Output platform for Matlab/Simulink with Magnetic Levitation add on plant with accessories	01	80,000/-	
			TOTAL	**23,82,786.26/-**

Department of Electrical Engineering:

Department of Electrical Engineering			
List of Major Equipments			
Lab Name: Switchgear And Protection Lab			
Sr. No.	Equipment	Specifications	Quantity
1	SWITCHGEAR TESTING KIT	SWITCHGEAR TESTING KIT	1
2	3 PHASE ALTERNATOR PROTECTION DEMO PANEL	3 PHASE ALTERNATOR PROTECTION DEMO PANEL	1
3	TRANSMISSION LINE DISTANCE PROTECTION DEMO PANEL	TRANSMISSION LINE DISTANCE PROTECTION DEMO PANEL	1
4	3 PHASE TRANSFORMER PROTECTION DEMO PANEL	3 PHASE TRANSFORMER PROTECTION DEMO PANEL	1
5	IDMT RELAY	IDMT RELAY	1
6	AIR CIRCUIT BREAKER	AIR CIRCUIT BREAKER	1
Lab Name: Electrical Measurements And Instrumentation Lab			
Sr. No.	Equipment	Specifications	Quantity
1	Experimental kit for Anderson's Bridge	Experimental kit for Anderson's Bridge	1
2	Earth Tester	Earth Tester	1
3	3 phase loading rehostat , delta or star, 440 V, 12 Amp	3 phase loading rehostat , delta or star, 440 V, 12 Amp	1
4	Two element type wattmeter, LPF 3 phase, 440 V, 10A	Two element type wattmeter, LPF 3 phase, 440 V, 10A	3
5	Two element type wattmeter, 200 V, 5 amp	Two element type wattmeter, 200 V, 5 amp	3
6	Loading rehoatat, 230 V, 20 A, 10 step	Loading rehoatat, 230 V, 20 A, 10 step	1
7	1 phase , SPDT knief switch	1 phase , SPDT knief switch	2
8	Demonstration model of different types of meter	Demonstration model of different types of meter	4
9	3 phase inductive load. 440 V, 12 Amp	3 phase inductive load. 440 V, 12 Amp	1
10	3 phase variac, 440 V, 25 Amp	3 phase variac, 440 V, 25 Amp	1
11	Wattmeter UPF, 1 phase, 440V, 10Amp	Wattmeter UPF, 1 phase, 440V, 10Amp	3
12	Wattmeter LPF, 3 phase, 300V, 5A	Wattmeter LPF, 3 phase, 300V, 5A	1
13	3 phase dimmerstate	3 phase dimmerstate	1

14	Level measurement using Bubbler method	Level measurement using Bubbler method	1
15	Displacement measurement transducer using LVDT	Displacement measurement transducer using LVDT	1
16	Experiment kit for study of Kelvins Double Bridge	Experiment kit for study of Kelvins Double Bridge	1
17	Experimental kit of LVDT	Experimental kit of LVDT	1
18	100 KV, 100 MVA transformer with control panel for 100 mm sphere gap assembly	100 KV, 100 MVA transformer with control panel for 100 mm sphere gap assembly	1

Lab Name: Power Electronics Lab

Sr. No.	Equipment	Specifications	Quantity
1	Expt. Kit V-I charact. Of SCR & Triac	Expt. Kit V-I charact. Of SCR & Triac	4
2	V-I characteristic of MOSFET,IGBT	V-I characteristic of MOSFET,IGBT	4
3	1-Ø half controlled converter(R &RL load)	1-Ø half controlled converter(R &RL load)	3
4	1-Ø full controlled converter(R &RL load)	1-Ø full controlled converter(R &RL load)	3
5	3-Ø converter	3-Ø converter	3
6	Step-down chopper circuit	Step-down chopper circuit	4
7	3-Ø VSI 120° & 180° mode	3-Ø VSI 120° & 180° mode	2
8	Firing circuit for 3-Ø converter	Firing circuit for 3-Ø converter	3
9	1-Ø or 3-Ø AC voltage regulator	1-Ø or 3-Ø AC voltage regulator	3
10	1-Ø PWM bridge inverter	1-Ø PWM bridge inverter	2
11	Commutation ckt. Of SCR	Commutation ckt. Of SCR	3
12	Digital multimeter	Digital multimeter	8
13	CRO	CRO	4
14	Powerscope	Powerscope	4
15	Function Generator	Function Generator	3
16	3-Ø Semiconverter	3-Ø Semiconverter	3
17	PSIM-software	PSIM-software	1
18	Power Scope	Power Scope	4

Lab Name: Industrial Drives and Control Lab (PECD Lab)

Sr. No.	Equipment	Specifications	Quantity
1	A) Control panel for DC motor with flywheel	A) Control panel for DC motor with flywheel	1
2	B) 3 HP/220V/1500RPM Shunt DC Motor with flywheel	B) 3 HP/220V/1500RPM Shunt DC Motor with flywheel	1
3	C) 1 Phase 230 V / 10A / RESISTIVE LOAD-10 STEPS	C) 1 Phase 230 V / 10A / RESISTIVE LOAD-10 STEPS	1
4	A) 1 PHASE FULL WAVE Controled Rectifier	A) 1 PHASE FULL WAVE Controled Rectifier	1

5	B) 0.5 HP/180V/1500RPM/SHUNT DC Motor with BDA	B) 0.5 HP/180V/1500RPM/SHUNT DC Motor with BDA	1
6	A) 3 PHASE FUL WAVE Controlled Rectifier	A) 3 PHASE FUL WAVE Controlled Rectifier	1
7	B) 0.5 HP/180V/1500RPM/SHUNT DC Motor with BDA	B) 0.5 HP/180V/1500RPM/SHUNT DC Motor with BDA	1
8	A) VFD DRIVE AND CONTRO PANEL WITH RPM METER & SENSOR	A) VFD DRIVE AND CONTRO PANEL WITH RPM METER & SENSOR	1
9	B) 1 HP /415V/1430RPM/3 PHASE SQUIREL CAGE INDUCTION MOTOR WITH BDA	B) 1 HP /415V/1430RPM/3 PHASE SQUIREL CAGE INDUCTION MOTOR WITH BDA	1
10	A) CONTROL PANEL FOR 3 PH SQUIREL CAGE INDUCTION MOTOR BRAKING	A) CONTROL PANEL FOR 3 PH SQUIREL CAGE INDUCTION MOTOR BRAKING	1
11	B) 3 HP/415V/1440RPM/3 PHASE SQUIREL CAGE INDUCTION MOTOR WITH FLYWHEEL	B) 3 HP/415V/1440RPM/3 PHASE SQUIREL CAGE INDUCTION MOTOR WITH FLYWHEEL	1
12	C) 3 PHASE 8A VARIAC	C) 3 PHASE 8A VARIAC	1
13	A) BLDC MOTOR CONTROL PANEL	A) BLDC MOTOR CONTROL PANEL	1
14	B)0.5HP/48V/3000RPM BLDC MOTOR WITH BDA	B)0.5HP/48V/3000RPM BLDC MOTOR WITH BDA	1
15	DIGITAL TACHOMETER CONTACT TYPE	DIGITAL TACHOMETER CONTACT TYPE	2
16	DIGITAL TACHOMETER NON CONTACT TYPE	DIGITAL TACHOMETER NON CONTACT TYPE	2

Lab Name: Electrical Machines Lab

Sr. No.	Equipment	Specifications	Quantity
1	2 hp 1500 RPM DC shunt motor coupled to 2KW ,220V ,5A 1500dc Shunt generator	2 hp 1500 RPM DC shunt motor coupled to 2KW ,220V ,5A 1500dc Shunt generator	1
2	PF meter 440 v , 10 A 3Phase	PF meter 440 v , 10 A 3Phase	2
3	hp 1440 rpm mounted on ms channel with mechanical loading IM	hp 1440 rpm mounted on ms channel with mechanical loading IM	1
4	Dc series motor with load 3 hp 1500 rpm	Dc series motor with load 3 hp 1500 rpm	1
5	DC shunt motor with load 3 hp 1500 rpm	DC shunt motor with load 3 hp 1500 rpm	1
6	Rheostat of different specifications	Rheostat of different specifications	26
7	AC voltmeter portable meter 0-150V, 0-300V, 0-600V, 0-150/300V	AC voltmeter portable meter 0-150V, 0-300V, 0-600V, 0-150/300V	16
8	DC Ammeter portable meter 0-10A, 0-5A, 0-15A, 0-20A	DC Ammeter portable meter 0-10A, 0-5A, 0-15A, 0-20A	20
9	DC Voltmeter portable meter0-150V, 0-300V, 0-150/300V	DC Voltmeter portable meter0-150V, 0-300V, 0-150/300V	9

10	Single phase transformer2 KVA 230/115 V	Single phase transformer2 KVA 230/115 V	3
11	Single phase dimmerstat4A 0-270V 50 Hz, 10A 0-270V 50 Hz	Single phase dimmerstat4A 0-270V 50 Hz, 10A 0-270V 50 Hz	4
12	control panel for Dc Shunt motor	control panel for Dc Shunt motor	1
13	control panel for Dc Seriest motor	control panel for Dc Seriest motor	1
14	control panel for 3 phase induction motor	control panel for 3 phase induction motor	1
15	3 phase slip ring IM 3 HP 1440 rpm /415 V with loading arrangement	3 phase slip ring IM 3 HP 1440 rpm /415 V with loading arrangement	1
16	rotor resistance starter for the above motor	rotor resistance starter for the above motor	1
17	control panel for slip ring IM	control panel for slip ring IM	1
18	control panel for motor generator set	control panel for motor generator set	1
19	lamp bank loading arrangement 3 phase 415V 10A/phase	lamp bank loading arrangement 3 phase 415V 10A/phase	1
20	lamp bank loading arrangement 1 phase 230V 10A/phase	lamp bank loading arrangement 1 phase 230V 10A/phase	1
21	3hp 230 V 1500 rpm shunt wound Dc motor coupled to 2KVA 1500 rpm 50 hz alternator	3hp 230 V 1500 rpm shunt wound Dc motor coupled to 2KVA 1500 rpm 50 hz alternator	1
22	3 phase inductive load 415V ,10 A	3 phase inductive load 415V ,10 A	1
23	Control panel for mototset machine terminal board for above motor	Control panel for mototset machine terminal board for above motor	1
24	3phase 230V/1500rpm /shunt wound dc motor coupled to 2KVA 1500rpm alternator with copling	3phase 230V/1500rpm /shunt wound dc motor coupled to 2KVA 1500rpm alternator with copling	1
25	control panel motor alternator set	control panel motor alternator set	1
26	synchronous motor 3HP 415V,coupled tp 2.2kW shunt generator	synchronous motor 3HP 415V,coupled tp 2.2kW shunt generator	1
27	single phase IM 1 HP 230 V 1440 rpm with loading arrangment	single phase IM 1 HP 230 V 1440 rpm with loading arrangment	1
28	synchronization panelstroboscope with alternator &synchronizing panel	synchronization panelstroboscope with alternator &synchronizing panel	1
29	3 phase synchronous motor with loading arrangement	3 phase synchronous motor with loading arrangement	1
30	Synchronous motor starting panel	Synchronous motor starting panel	1
31	control panel for motor set	control panel for motor set	1
32	working demonstration model for performance characteristic of stepper motor	working demonstration model for performance characteristic of stepper motor	1
33	digital tachometer	digital tachometer	5
34	digital multimeter	digital multimeter	8

35	dissamble synchronous motor	dissamble synchronous motor	1
36	dissamble induction motor squirrel cage type	dissamble induction motor squirrel cage type	1
37	disassemble DC shunt motor	disassemble DC shunt motor	1
38	CRO 30 MHZ	CRO 30 MHZ	4
39	AC Ammeter 0-1A, 0-15A, 0-10/20A, 0-15/30A, 0-5/10A, 0-5A, 0-10A	AC Ammeter 0-1A, 0-15A, 0-10/20A, 0-15/30A, 0-5/10A, 0-5A, 0-10A	28
40	dissamble induction motor squirrel cage type dissamble induction motor squirrel cage type 1	dissamble induction motor squirrel cage type dissamble induction motor squirrel cage type 1	4

Lab Name: PLC Lab

Sr. No.	Equipment	Specifications	Quantity
1	PLC trainer kit (Delta)	PLC trainer kit (Delta)	1
2	Overhead tank water level control interface	Overhead tank water level control interface	1
3	Alarm Announciator	Alarm Announciator	1
4	DOL/star-delta starter interface with PLC	DOL/star-delta starter interface with PLC	1
5	VFD AC motor control	VFD AC motor control	1
6	DC motor speed control	DC motor speed control	1
7	Position Control(Pressure) interface with PLC	Position Control(Pressure) interface with PLC	1
8	Temperature controller using PLC	Temperature controller using PLC	1
9	Speed Control	Speed Control	1
10	PLC programming trainer kit (Siemens logo PLC)	PLC programming trainer kit (Siemens logo PLC)	1
11	PLC programming trainer kit (Siemens logo PLC)	PLC programming trainer kit (Siemens logo PLC)	1
12	SCADA Application Software	SCADA Application Software	1
13	PLC based water level control systems (Siemens logo PLC)	PLC based water level control systems (Siemens logo PLC)	1
14	Alarm Announciator control trainer	Alarm Announciator control trainer	1
15	Star-Delta Starter trainer	Star-Delta Starter trainer	1
16	AC motor speed control trainer	AC motor speed control trainer	1
17	PLC based water level control trianer	PLC based water level control trianer	1
18	PLC based linear bottle filling plant	PLC based linear bottle filling plant	1

Lab Name: HVE Lab

Sr. No.	Equipment	Specifications	Quantity
1	30 Kv,100 MA Testing Kit With Jig	30 Kv,100 MA Testing Kit With Jig	1
2	Horn Gap Apparatus & Rod Gop Apparatus	Horn Gap Apparatus & Rod Gop Apparatus	1
3	11 Kv Disc Insulator	11 Kv Disc Insulator	1
4	Capacitor Divider	Capacitor Divider	1

| 5 | Corona Cage Without Transformer | Corona Cage Without Transformer | 1 |

Lab Name: Computer Lab

Sr. No.	Equipment	Specifications	Quantity
1	Computer P4	Model : Intel DC 2.8 GHz, 1 GB DDR2 RAM, 320 GB HDD, Keyboard, Mouse, Cabinet Essys Monitor 18.5" LCD	51
2	LCD Projector	HITACHI Projector CP-RX79	7
3	PLC & SCADA	DVP, Allen Bradley, Siemens make	5

Lab Name: Control System Lab

Sr. No.	Equipment	Specifications	Quantity
1	Pot char kit	Pot char kit	2
2	Potentiometer as an Error Detector	Potentiometer as an Error Detector	2
3	Standard specification AC servo motor, study of AC servo motor	Standard specification AC servo motor, study of AC servo motor	2
4	Study of DC servo motor	Study of DC servo motor	2
5	Study of lead Network kit	Study of lead Network kit	2
6	Study of lag Network kit	Study of lag Network kit	2
7	Study of Level control loop kit	Study of Level control loop kit	1
8	Digital Multimeter	Digital Multimeter	12
9	Study of synchro transformer & Receiver kit	Study of synchro transformer & Receiver kit	2
10	Study of synchro error Detector	Study of synchro error Detector	2
11	Study of PID controller	Study of PID controller	1
12	Experimental dertermination of dc motor parameters of mathematical modeling transfer function & charactersitics	Experimental dertermination of dc motor parameters of mathematical modeling transfer function & charactersitics	1
13	PID control of level/pressure/temp. control system analog type	PID control of level/pressure/temp. control system analog type	1
14	Experimental dertermination of tansfer function of two tank system	Experimental dertermination of tansfer function of two tank system	1
15	Experimental dertermination of transfer function of PWM servo amplifier	Experimental dertermination of transfer function of PWM servo amplifier	1

Lab Name: Analog & Digital Electronics Lab

Sr. No.	Equipment	Specifications	Quantity
1	Digital Storage Oscilloscope	Digital Storage Oscilloscope	1
2	1 MHZ Function Generator	1 MHZ Function Generator	2
3	Digiatl trainer kit (20 Pin x 4 Zif socket)	Digiatl trainer kit (20 Pin x 4 Zif socket)	4
4	Dual Power Supply	Dual Power Supply	2
5	Digital Storage Oscilloscope	Digital Storage Oscilloscope	5

6	Single Power Supply	Single Power Supply	10
7	Dual Power Supply	Dual Power Supply	10
8	IC Tester	IC Tester	1

Lab Name: Microprocessor & Microcontroller Lab

Sr. No.	Equipment	Specifications	Quantity
1	Intel 8085 µp based triner kit	Intel 8085 µp based triner kit	5
2	PIO-RT/TC ,PIO based thermocouple card	PIO-RT/TC ,PIO based thermocouple card	2
3	Study card for the study of 8255	Study card for the study of 8255	2
4	Power supply SMPS	Power supply SMPS	5
5	Stepper motor,12 V,2kg, for STP-PIO card	Stepper motor,12 V,2kg, for STP-PIO card	1
6	8253 kit,interfacing card compatible with 8085 kit	8253 kit,interfacing card compatible with 8085 kit	1
7	8051 trainer kit	8051 trainer kit	8
8	ADC kit	ADC kit	2
9	DAC kit	DAC kit	2
10	Stepper motor Interfacing	Stepper motor Interfacing	2
11	Stepper motor	Stepper motor	2
12	Dyna 51 B trainer kit	Dyna 51 B trainer kit	2
13	DYNA-PICEB	DYNA-PICEB	10
14	DYNA-PICEB	DYNA-PICEB	10
15	DYNA-PIO-DCM	DYNA-PIO-DCM	1
16	Atmega 328p based development board	Atmega 328p based development board	1
17	Atmega 328p based development board	Atmega 328p based development board	1

Lab Name: Material Science Lab

Sr. No.	Equipment	Specifications	Quantity
1	Hysterisis loop B-H curve	Hysterisis loop B-H curve	1
2	Megger (0-500 V) hand driven	Megger (0-500 V) hand driven	1
3	Gauss meter	Gauss meter	1
4	Micro meter(0-30 mm)	Micro meter(0-30 mm)	1
5	Thermocouple study unit	Thermocouple study unit	1
6	Experiment kit resistivity of high resistive alloys	Experiment kit resistivity of high resistive alloys	1
7	Kit for measurement of Dielectric strength of oil	Kit for measurement of Dielectric strength of oil	1
8	Kit for measurement o electric strength	Kit for measurement o electric strength	1
9	Kit for measurement of schering Bridge	Kit for measurement of schering Bridge	1

10	Kit for KVAR capacity of power capacitor	Kit for KVAR capacity of power capacitor	1
11	Sphere gap assembly	Sphere gap assembly	1
12	kit to obtain characterstics of different thermocouples	kit to obtain characterstics of different thermocouples	1

Lab Name: Power System Lab

Sr. No.	Equipment	Specifications	Quantity
1	Transmission Line model for short, medium and long transmission line	Transmission Line model for short, medium and long transmission line	1
2	Study of VAR compensation using capacitor	Study of VAR compensation using capacitor	1

Lab Name: Network Analysis Lab

Sr. No.	Equipment	Specifications	Quantity
1	Fixed Induction Box	Fixed Induction Box	1
2	Kit for RLC series and parallel Resonance	Kit for RLC series and parallel Resonance	1
3	Kit for Z & Y parameters	Kit for Z & Y parameters	1
4	Kit for RL series circuit	Kit for RL series circuit	1
5	Kit for superposition Theorem In ac circuit	Kit for superposition Theorem In ac circuit	1
6	Kit for TheveninTheorem In ac circuit	Kit for TheveninTheorem In ac circuit	1
7	Kit for Reciprocity Theorem In ac circuit	Kit for Reciprocity Theorem In ac circuit	1
8	Ac ammeter (0-1 A)	Ac ammeter (0-1 A)	3
9	Ac ammeter (0-500 m A)	Ac ammeter (0-500 m A)	3
10	Variac auto transformer	Variac auto transformer	1
11	DC Ammeter(0-1 A)	DC Ammeter(0-1 A)	3
12	DC Ammeter(0-500 mA)	DC Ammeter(0-500 mA)	3
13	Fixed resistance box	Fixed resistance box	1
14	Capacitance Box	Capacitance Box	1
15	Dual Power Supply	Dual Power Supply	4

Lab Name: RES Lab

Sr. No.	Equipment	Specifications	Quantity
1	SOLAR PV MODULE (SERIES-PARALELL COMBINATION) KIT	SOLAR PV MODULE (SERIES-PARALELL COMBINATION) KIT	1
2	SUN TRACKING SYSTEM MODULE	SUN TRACKING SYSTEM MODULE	1
3	WIND ENERGY TRAINER KIT	WIND ENERGY TRAINER KIT	1

Department of Mechanical Engineering:

Sr. No.	Particular	Cost of Equipment	Name of the Laboratory
1		63112/-	Applied Thermodynamics
2	Digital bomb calorimeter	57422/-	Applied Thermodynamics
3	Separating & Throttling Calorimeter	180000/-	Applied Thermodynamics
. 4	Plotter	73500/-	Computer Aided Design
5	Autodesk Product Design Suite for Education	317167/-	Computer Aided Design
6	Creo 1.0 university Plus site edition	115877/-	Computer Aided Design
7	Ansys Version 14 ,32000 nodes.	300000/-	Computer Aided Design
8	Master CAM X5	305000/-	Computer Aided Design
9	CPU	405000/-	Computer Aided Design
10	Monitor	104000/-	Computer Aided Design
11	CPU	202500/-	Computer Aided Design
12	Monitor	52000/-	Computer Aided Design
13	Master CAM X9. Milling 10, Turnning 10, Multiaxis 10	465350/-	Computer Aided Design
. 14	Universal vibration apparatus with 12 experiments.	73822/-	Dynamics of Machinery
. 15	Whirling of Shaft	51064/-	Dynamics of Machinery
. 16	Shock Absorber Test Rig. Continuous Variable Speed	99120/-	Dynamics of Machinery
. 17	Pressure Measurement Apparatus (Transferred to FM Lab)	39800/-	Fluid Mechanics
. 18	Gear Pump Test Rig with S.S.Tank & Oil	56000/-	Industrial Fluid Power
. 19	Advanced Hydraulic Trainer	172000/-	Industrial Fluid Power
. 20	Customized Electro pneumatic Trainer with Compressor	121200/-	Industrial Fluid Power
. 21	Testing of Pressure Relief Valve with Air Compressor	41200/-	Industrial Fluid Power
. 22	Cut section of the four cylinder & four stroke diesel engine (Motorized)	63112/-	Internal Combustion Engine
. 23	Four cylinder four stroke petrol engine in cut section	58748/-	Internal Combustion Engine
. 24	Exhaust Gas Analyzer Indus Make 5 Gases	252000/-	Internal Combustion Engine
. 25	Computerized Variable compression ratio engine test rig with multi-fuel system	716400/-	Internal Combustion Engine

. 26	Computerised 4 Stroke Multicylinder petrol Engine With hydraulic dynamometer	855000/-	Internal Combustion Engine
. 27	Computerised 3 cyl. 4 stroke Diesel Engine Testrig with eddy current dynamometer	1147500/-	Internal Combustion Engine
. 28	Fuel Supply system Demo model Petrol Engine	58300/-	Internal Combustion Engine
. 29	X-Y Position Control System	96500/-	Mechatronics
. 30	Linear Conveyor Control System	46250/-	Mechatronics
. 31	PLC Trainer a. kit with water level module	96000/-	Mechatronics
. 32	Allen Bradley software CD	49250/-	Mechatronics
. 33	Study of actuator kit	69875/-	Mechatronics
. 34	Data Acquisition System	59875/-	Mechatronics
. 35	Flow transducer trainer	59875/-	Mechatronics
. 36	Rotary table positioning system	49250/-	Mechatronics
. 37	Universal Testing Machine 40 ton	540000/-	Metallurgy
. 38	Rockwell cum Brinell Hardness Tester 150 kg	48150/-	Metallurgy
. 39	Charpy and Impact Machine 300 J	81000/-	Metallurgy
. 40	Magnetic Crack detector machine with powder	103500/-	Metallurgy
. 41	Standard metallurgical microstructure test - Microscope	81000/-	Metallurgy
. 42	Universal Testing Machine 40 ton	473891/-	Metallurgy
. 43	Jominy End Quech Test for Hardenability	78047/-	Metallurgy
. 44	Monochromatic light unit with optical flat and specimen	45900/-	Metrology and Quality Control
. 45	Tool Makers Microscope	65000/-	Metrology and Quality Control
. 46	Pneumatic Comparator	48510/-	Metrology and Quality Control
. 47	Poratable Surface Roughness Tester	146250/-	Metrology and Quality Control
. 48	Floating Carriage Micrometer	85500/-	Metrology and Quality Control
. 49	Auto Collimeter	175500/-	Metrology and Quality Control
. 50	Profile projector Model 3001	130500/-	Metrology and Quality Control
. 51	Diesel Engine Power Plant Demonstration Kit	182000/-	Power Plant Engineering

. 52	Air Conditioning Test Rig	81281/-	Refrigeration and Air Conditioning
. 53	Vapor Compression Test Rig	81281/-	Refrigeration and Air Conditioning
. 54	Ice Plant Test Rig	86062/-	Refrigeration and Air Conditioning
. 55	Vapor Absorption Test Rig	81281/-	Refrigeration and Air Conditioning
. 56	Heat Pump Test Rig	81281/-	Refrigeration and Air Conditioning
. 57	Air Conditioning Test Rig (Window A/c)	65025/-	Refrigeration and Air Conditioning
. 58	Refrigeration Fault Trainer	71718/-	Refrigeration and Air Conditioning
. 59	Friction Clutch apparatus	52593/-	Theory of Machine
. 60	Epicyclic Gear Train Apparatus	57375/-	Theory of Machine
. 61	Impact of Jet Apparatus	43000/-	Turbo Machines
. 62	Pelton wheel Turbine Test Ring	105000/-	Turbo Machines
. 63	Kaplan Turbine Test Ring	475000/-	Turbo Machines
. 64	Centrifugal Pump Test Ring	90000/-	Turbo Machines
. 65	Centrifugal Pump Test Ring	71000/-	Turbo Machines
	Total Cost		**10699719/-**

14. Workshop:

Workshop consists of following equipment / machines:

Sr. No.	Name of Equipment / Machine	Quantity
1.	CNC Lathe	01
2.	Lathe Machines	17
3.	Milling Machine	01
4.	Drilling Machine	01
5.	Surface Grinding Machine	01
6.	Power Hacksaw Machine	01
7.	Bench Grinder Machine	01
8.	Arc Welding Machine	01
9.	Spot Welding Machine	01
10.	Wood Working Machine	02

15. Computing Facilities:

The institution has IT facilities including WI-FI and sufficient number of computers and required number of peripherals. The facility available facilitates ICT enabled teaching-learning process and evaluation, research activities, and administration. The departments are having system software and application software, both licensed and open source software. The following table describes the computing facility available:

Internet and WI-FI facility:	Internet Facility Details:100 Mbps leased line Content Ratio: 1:1(Gold) (ISP provider –TATA Telecom), Date of Updating: 01/09/2017 Aircell Backup line:10Mpbs
System Software	1. Windows XP 2. Windows Vista 3. Windows 7 4. Windows 8 5. Windows 8.1 6. Windows 10 7. Windows Server 8. Ubuntu 14.04 (Open Source) 9. Fedora 19/20 (Open Source) 10. Windows Server 2008 R2 Standard
Application Software's	1. Exchange Server Standard Turbo C++ 4.5 2. Adobe Flash MS Office 2013 3. Oracle 9i 4. Microsoft Visual Studio 2008 5. Microsoft Visual Studio 2012 6. Microsoft Visual Studio Express 7. Microsoft Office 8. MATLAB 6.0 9. Proteus 11 10. MATLAB Tool Boxes 5 11. Chips scope pro software 12. Embedded System Development software 13. DSP Application Software 14. Xilinx 14.1 15. Chips scope pro software 16. DSP Application Software 17. Tally ERP 9 18. Pro-E 19. Auto CAD
	20. Master CAM 21. Ladders Programming Triton 22. NI Academic Site License 23. NI Multisim Circuit 24. Micro wind 3.1 25. CAD FEKO 26. EZNEC 27. Code Block

Internet and WI-FI facility:	Internet Facility Details:100 Mbps leased line Content Ratio: 1:1(Gold) (ISP provider –TATA Telecom), Date of Updating: 01/09/2017 Aircell Backup line:10Mpbs

16. List of facilities available

Games and Sports Facilities:

- Sports Facilities: Grounds for outdoor games and facilities for indoor games are available.

- The institute has adequate sports facilities and cultural centers for holistic development of students.

- The details of the facilities available are as follows:

  - Basketball court with size- 28mx15m meters

  - Volley ball courts with size- 18mx9m 3).

  - Football cum cricket field with size- 90mx45m meters.

  - A Kho-Kho ground.

  - Indoor games facilities like Carrom and table tennis are made available tothe students.

College has a well-equipped gymnasium with facilities such as machine exercises, free weight exercises, etc, Physical Education Director is appointed to train the students participating in various zonal, all

- India and Inter-university level tournaments.

SHOT ON MI A1
MI DUAL CAMERA

Extra-Curricular Activities and Soft Skill Development Facilities

- To ensure quality sustenance and enhancement the college periodically conducts the performance audit of the departments which includes course review, Review of Teaching – learning methodologies, Result analysis, Research output, Faculty Development Programs attended/conducted and Extension activities, Co-curricular and extra-curricular activities conducted during the year.

- In order have overall development of the students and generate teamwork and leadership skills the institute gives an opportunity to students to participate in co-curricular and extra-curricular activities.

- Students are encouraged to participate in co-curricular and extra-curricular activities organized by the institute and at other institutes by providing financial assistance and transport facilities. Good number of students has participated in various activities and has won prizes. The college has registered Alumni Association. Alumni assist the institution financially or non- financially by way of internships, Guest Lectures, Workshops, Industrial Visits, Campus Drives, etc.

- **Department Level students Associations:** These associations are fully represented by the students guided by a faculty member. These associations take initiative for promotion of activities related to academics, skill enhancement programmes curricular and extra-curricular activities. Students are encouraged to take decisions, plan and execute the programs to develop decision making and leadership skills.

- FDP for the faculty members should be arranged for design of the curriculum for the revised syllabus.

- Value-added courses and training programmes should be conducted to improve the employability of the graduating students.

- Training and placement activities to be conducted to improve the students skill sets Various soft skill programs should be arranged in Institute to Improve the Students communication and soft skills

- Industry visits should be encouraged to give an exposure of industrial applications and practices.

- **Student Support and Progression**
  - Students are given scholarships by the Government as per the Government rules for various categories. Institution also provides scholarship to the students namely, Academic Excellence Scholarship, JSPM's Scholarships. In case of

  - Exceptional cases fees are waived partly for students coming from economically weaker sections on their request. The institution has dedicated Training and Placement Cell comprising of Training and Placement Officer

  - (TPO), Departmental Training and Placement Co-coordinators (TPC) and student coordinators. Various programs such as guidance for competitive exams and higher studies, career counseling, personal counseling, soft skill development, etc. are conducted. Field projects and internships are facilitated for the students through MOU's signed with industries for experiential learning and hands-on training. A good number of students have qualified in competitive exams for higher studies and recruitment by various Government departments. A satisfactory number of students are placed in core and IT industries through campus drives.

- **Teaching Learning Process**
  - Curricula and syllabus for each of the Programmes as approved by the University
  - Academic Calendar of the University
  - Academic Time Table with the name of the Faculty members handling the Course
  - Teaching Load of each Faculty
  - Internal Continuous Evaluation System and place:

- **Evaluation and Analysis**
  - Continuous assessment of the student is carried out by conducting Class/ Unit tests /mock online

- Tests/mock oral/mock practical exam to ascertain the attainment level of the students and thereby identify slow learners and advanced learners.

- External evaluation is done through in-semester, oral/practical and end semester written exam conducted by university.

- Remedial lectures are conducted for slow learners and opportunities are created for advanced learners to showcase their innovative ideas.

- Feedback from various stakeholders is taken for corrective measures to improve the effectiveness of curriculum delivery.

Internal continuous Evaluation Systems and Place

- Continuous assessment of the student is carried out by conducting Class/ Unit tests /mock online tests/mock oral/mock practical exam to ascertain the attainment level of the students and thereby identify slow learners and advanced

Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 278 of 2021

Revised Dates of Commencement and Conclusion of Engineering, Architecture and Pharmacy for the Academic Year 2021-2022
For Affiliated Colleges/Recognised Institutes

It is hereby informed that, the revised dates of commencement and conclusion of the Courses, under the faculty of Engineering, Architecture and Pharmacy for the academic year 2021-22 shall be as under :

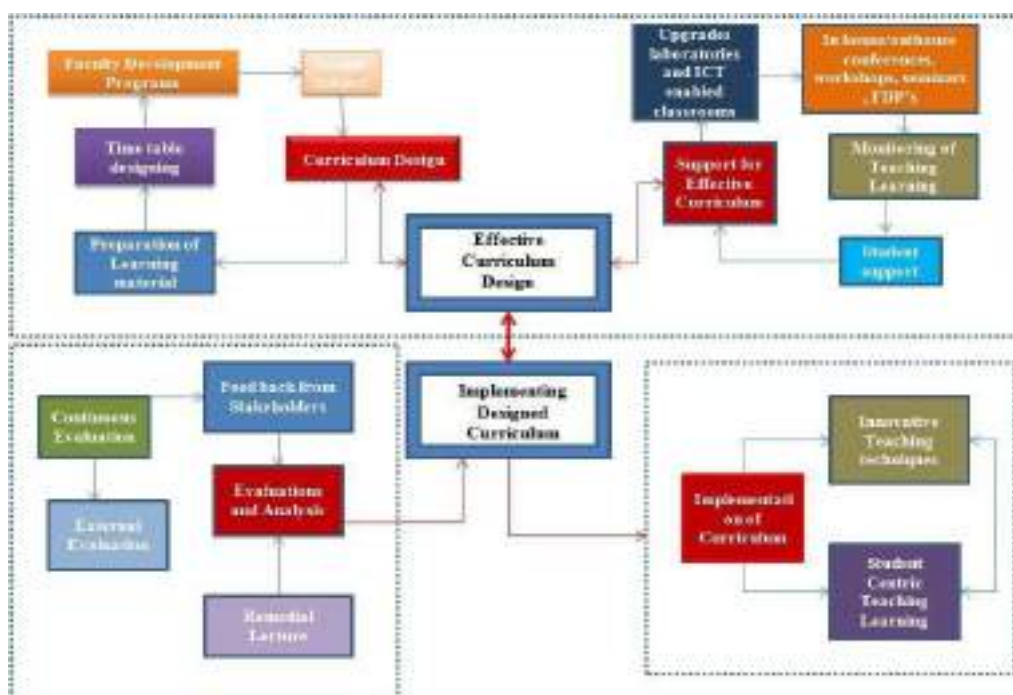| Name of the Faculty | Name of the Courses | Year | Revised 2021 - 2022 | | | |
			First Term		Second Term	
			Commencement	Conclusion	Commencement	Conclusion
Science & Technology	Engineering	TE, BE	02/08/2021	30/11/2021	03/01/2022	26/04/2022
	B. Architecture	III, IV & V	15/06/2021	04/12/2021	03/01/2022	30/04/2022
		II	20/08/20201	10/12/2021	03/01/2022	30/04/2022
	B. Pharmacy	III & IV	17/08/2021	18/12/2021	03/01/2022	10/05/2022
		II	23/08/2021	18/12/2021	03/01/2022	10/05/2022
	M. Pharmacy	II	23/08/2021	18/12/2021	03/01/2022	15/05/2022

NOTE

1. All Programmes shall be conducted in Online Mode until further notice.

2. In view of prevailing COVID-19 situation in the Country, Colleges / Institutes shall required to follow the guidelines / instructions issued by the Government of Maharashtra from time to time.

Deputy Registrar
(P.G. Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/ 3578
Date: 29/09/2021

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learners. External evaluation is done through in-semester, oral/practical and end semester written exam conducted by Savitribai Phule University.

- Remedial lectures are conducted for slow learners and opportunities are created for advanced learners to showcase their innovative ideas. Feedback from various stakeholders is taken for corrective measures to improve the effectiveness of curriculum delivery.

- Institute has dedicated and experienced faculty members. Continuous internal evaluation of the student's performance is carried out through assignments, tests, mini-projects, etc. Internal evaluation and end-semester evaluation is used to ascertain the attainment of COs, POs and PSOs. Reforms are made in these internal assessment evaluation methods whenever required. Any grievances related to examination and evaluation is addressed properly. The institute has clearly stated its learning outcomes and accordingly implements the curriculum. On completion of each course, the attainment level of Course Outcomes is evaluated and efforts are taken on students to achieve high level attainment of Program and Program Specific Outcomes.

- **Student's assessment of Faculty, System in place:**

  - Alumni Feedback is taken from Alumni for the academic year. The analysis helped the institute in development of curriculum for 'Autonomy'.

  - Feedback about Faculty is taken from students twice a semester. The various parameters on which teaching is assessed are: Communication Skills, Quality of Teaching/ Academic input, Subject Knowledge, Content and Method of Delivery, Resourcefulness, Readiness of teacher, Accessibility and Availability of Teacher in Campus/ Department. Feedback is signed by the Director and conveyed to the faculty by respected Head of the

- Department. Counseling of faculty having feedback count less than 60 % (out of 100) is carried out by Head of the Department as well as by the Director for his/ her improvement.

- An Institute level Parent Teacher meeting is conducted once every semester. During the meeting, parents are made aware about their wards' attendance, academic performance for the semester as well as about the various learning processes conducted in the institute. In academic year 2020-21, Parent Teacher meeting for the first semester was conducted. Suggestions given by parents were taken into consideration for further actions. Also this helped in identifying the parents who would help in providing support to the institute in terms of Projects, internship and placement etc.

- 4. Feedback about Institute is also taken from all students once in a year. This includes the feedback about the facilities and the infrastructure of the institute. 5. Various companies visit the campus of the institute for the placement of the students. Based on this feedback, Guest lectures, workshops, seminars are organized for students to help them to be ready for industry.

The Institution ensures effective implementation of planned curriculum in accordance with syllabus prescribed by the affiliating University aided with ICT enabled facilities and e-resources. The curriculum is planned taking into consideration the current industry requirements and the technological advancements. In order to bridge the gap, Certificate programs, workshops, seminars, add-on, value added courses are

conducted by in-house faculty members and invited professionals and industry experts. To cope up with the changing technologies, new courses are introduced and electives are offered which facilitates academic flexibility

17. Publications:

Total 102 papers published by faculty members during academic year 2021-22 at Different National international journals.

18. Workshop Seminars:

10 Workshop/seminars on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year.

19. Professional Development Programmes,

Total 90 faculty members have attended FDP/Orientation / Induction Programmes, Refresher Course, Short Term Course etc. during the academic year.

20. Industry Linkage:

Total 426 Collaborative linkage activity has been carried out during the year like transfer of knowledge, industrial visits, internships and projects

21. MoUs with Industries:

53 active MOUs signed with different industries during the year for collaboration of different activities, like campus interviews, industrial sponsored projects, staff and students training, expert lectures etc.

22. Best Practices

The institution has taken initiatives to shift learning from traditional "teacher centric" to the "student centric" approach. Following are some of the efforts been taken to make learning more student- centric:-

1. Experiential learning: -

Students are encouraged to undertake internship programs, hands on training, industrial training, sponsored projects in order to make them industry ready graduates. Further institute organizes industrial visits, field trips for the students to make them aware of the current market working trends and technologies. Various technical events like model making, robot making, circuit-designing, 3D- sculpt making, etc. are arranged.

2. Participative learning

Students are recurrently motivated to participate in curricular, co- curricular and extracurricular activities so that they become industry ready confident candidates and an amalgam of knowledge and persona.Different departments organize paper presentation, mini- projects, project, and poster- making competitions for the students to promote participative learning. "Cynosure" is a national level technical event organized annually by the institute. This is a platform created to promote awareness of advancements in respective fields and showcase technical expertise and talent of the students. To realize student participation, institute engages students in a number of modern teaching learning methodologies like role play, group discussions, brain storming sessions, etc.

Role play-

Here group of students simulate a scenario by assuming specific roles. Students work through a situation and try to enact a concept/scenario by making the concept live by conversing the dialogues between their group- members. This technique is an excellent mechanism of participative learning since students play their specific role and interact with their peers in order to accomplish their assigned task.

Brainstorming sessions –

Random cases pertaining to day to day issues faced by industry, real life scenarios; technical, non-technical aspects, etc. are explored to nurture the student's problem solving skills.

Group Discussions-

To develop students into future leaders in industry, institute inspires students to participate in a number of group discussions.

Paper presentation:-

Students are exposed to latest trends and practices in industry through case studies and research work presented in the form of research papers**.**

Project competitions: Institute conducts in-house and outbound competitions pertaining to all. Disciplines by assigning a task in the form of competition.

Conclusion:

The institution is dedicated to executing a well-structured teaching–learning process, emphasizing the significance of Outcome Based Education for a diverse student body. The goal is to equip students with the skills necessary to embark on their professional journeys while upholding moral and ethical values for socio-economic development. This presents a valuable opportunity for the institution to shape the future of its students, emphasizing Academic Flexibility, student-centric activities, project-based learning, internships, and community-oriented initiatives. Simultaneously, it poses a significant challenge to prepare students for the dynamic demands of industry and evolving technologies.

To address this challenge, the institution has embraced a learner-centered teaching approach employing methodologies such as participative learning, experiential learning, and collaborative learning modes, fostering effective learning. The institution's faculty members are well-prepared and proficient in utilizing Information and Communication Technology (ICT) tools and innovative teaching methods, enhancing the overall learning experience for students.

Noteworthy in this context is the institution's transparent and dedicated governance, coupled with unwavering support from the management. Their commitment is evident in facilitating both academic and administrative processes by providing essential amenities, state-of-the-art facilities, and necessary financial support. This holistic approach ensures a conducive environment for the holistic development of students.

Dr. T. K. Nagaraj

Principal
JSPM'S BSIOTR WAGHOLI,
PUNE 412207

PRINCIPAL
J.S.P.M.'S Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune- 412207

JSPM's

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI, PUNE 412 207

Gate No. 720/2, Nagar Road, Wagholi, Pune, Maharashtra 412207
Approved By AICTE, New Delhi, Govt.Of Maharashtra & Affiliated To Savitribai Phule Pune University

ANNUAL REPORT 2022-23

Gate No. 720/2, Nagar Road, Wagholi, Pune, Maharashtra 412207
Approved By AICTE, New Delhi, Govt.Of Maharashtra & Affiliated To Savitribai Phule Pune University

Introduction:

JSPM's Bhivarabai Sawant Institute of Technology and Research (BSIOTR) is approved by the All India Council for Technical Education (AICTE) and Directorate of Technical Education (DTE) Government of Maharashtra and Affiliated to Savitribai Phule Pune University (SPPU), Maharashtra State. The institute is a self-financed private organization established in the year 2009. It is located at GAT No.720/1&2, Pune-Nagar road, Wagholi, Pune and its geographical location is latitude 18.58614 and longitude 74.003956. The institute is offering full-time five undergraduate courses and two post-graduate courses in an engineering discipline. Eleven batches of students have graduated from the institute. The institution is committed to imparting quality technical education to achieve its vision and mission.

The institute is offering five undergraduate and two postgraduate programs affiliated to the Savitribai Phule Pune University (SPPU). The Institution provides adequate facilities and ensures the best possible utilization of physical infrastructure to support the teaching-learning process, co-curricular, extracurricular activities and an ecosystem for research and innovation. The infrastructure and facilities fulfil the norms laid by AICTE, DTE, and SPPU. The facilities are regularly upgraded considering the need of stake holders.

Institute's Vision

"Satisfy the aspirations of youth force, who want to lead nation towards prosperity through techno-economic development."

Institute's Mission

"To provide, nurture and maintain an environment of high academics excellence, research and entrepreneurship for all aspiring students, which will prepare them to face global challenges maintaining high ethical and moral standards."

Principals Message:

JSPM's Bhivarabai Sawant Institute of Technology & Research (BSIOTR) is an institution where students are groomed into technocrats having the skill sets compatible to the industries/employers and the society at large. The academic infrastructure of the institute is having state of the art facilities like smart boards, virtual class rooms and internet and Wi-Fi enabled class rooms to facilitate the teacher to implement the well-crafted curriculum in an effective manner to achieve the goal of outcome based education. Different teaching methodologies and modern teaching tools adopted by the teacher in teaching-learning process, supplemented with extra-curricular and co-curricular activities help the students to acquire the skills required to pursue their dream career. We believe in strong and cordial interaction between teachers and students which is an essential parameter to help the students to achieve greatness in academics, extracurricular and co-curricular achievements. This is being practiced in this institute with great care and devotion. BSIOTR expects its graduating students to excel with their skills both inside and outside of the classroom. I would like to express through this message that, you being part of this institution as a student or staff member, would definitely feel proud of yourself because of its excellent teaching-learning environment and commitment to serve the nation for its techno-economic development. I welcome all the students who wish to be part of BSIOTR to fulfill their aspirations of becoming an able engineer who will fulfil the needs of the industries, society and the nation. Good intention and smart efforts never go waste. And team work is a key factor for success. So we believe in team work for grooming the students.

Dr. T. K. Nagaraj
Principal
JSPM'S BSIOTR WAGHOLI,
PUNE 412207

STRENGTH, WEAKNESS, OPPORTUNITY AND CHALLENGES (SWOC):

- **Institutional Strength:** 1. Prepared to implement NEP-2020 2. Teaching Faculty upskilling policy 3. Student-Centric ICT enabled Teaching-learning 4. Dedicated faculty members. 5. Structured Mentoring System 6. Extensive Use of modern teaching tools and Resources.

- **Institutional Weakness:** 1.Liaoning with research organization 2. MOUs with foreign Universities

- **Institutional Opportunity:** 1. Implementation of NEP-2020 2. Innovations through Research 3. Imbibing entrepreneurship skills to budding entrepreneurs 4. Collaborative activities with industry and institutions. 5. Multidisciplinary approach.

- **Institutional Challenge:** 1. changing the learning style of students from exam-oriented learning to knowledge-based learning applicable to real-life 2. Making students ready for fast-changing scenarios in industries, due to limited flexibility. 3.Making the students industry ready coping up with ever changing technological developments and its applications.

Enrollment and Admission:

- In the academic year 2022-23, the institution witnessed a total of 355 students admitted in the First Year Engineering (FE) program, compared to the allocated intake of 492. In the Direct Second year (DSE) 88 students have been admitted. Existing SE-310, TE-448 and BE-495.

- The Postgraduate (PG) program, which includes students ME-I and ME-II total enrolled students are 11. Collectively, across all engineering disciplines, the institution welcomed a total of 1707 students during this academic period 2022-23.

Faculty and Staff:

- In the academic year 2022-23, the institution employed a total of 95 teaching staff members. Additionally, there were 81 non-teaching staff members contributing to the overall functioning of the institution.

- This collaborative effort from both teaching and non-teaching staff played a crucial role in maintaining the academic and operational excellence of the institution during that period.

- Expenditure excluding salary component year wise during the years 22-23 is 581.3500 (INR in lakhs)

- Numbers of full time teachers are elven (11) with NET/SET/Ph.D. in academic year 2022-23 in JSPM's BSIOTR.

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Curriculum and Program Updates:

- Well-planned and implemented curriculum by adhering to academic calendar.

- For effective delivery of curriculum more emphasis is given on Teaching methods & Techniques, Quality of delivery of content, Continuous Internal Evaluation, Remedial measures for slow learners, Use of ICT tools and Project Based Learning.

- Continuous assessment of the student is carried out using various assessment tools to ascertain attainment level of the students. Remedial actions are taken for slow learners.

- Video links from NPTEL are provided to students for self-learning. The MOODLE is being used for Assessment and Evaluation by conduction of tests, assignments and mini-projects. Self-made videos are used to explain the laboratory experiments.

- Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on Institute website.

- The MOODLE is being used for Assessment and Evaluation by conduction of tests, assignments and mini-projects.

- Twenty three (23) add-on courses, Value added, courses, workshops, seminar conducted during 2022-23

- One thousand seven (1007) students from all programs has been enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students 1707 during 2022-23 and successfully completed.

- Institution integrates cross cutting issues into the curriculum by offering the audit courses prescribed by affiliating university, which address cross cutting issues. In addition the various community approach activities are also conducted under the banner of National Service Scheme (NSS) and Student Development Cell (SDC).

- Other activities initiated by the institute Blood donation camp: Inculcating human values Tree plantation: Environment and Sustainability Celebration of birth anniversary of great Indian personalities: Inculcating human values & culture Visit to Orphanage : Inculcating human values and social responsibility. Speech by spiritual leaders: Professional Ethics, Gender, Human Values, Community approach activities under NSS camp: Social Responsibilities.

- Feedback collected, analyzed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website.

- The Project Based Learning is adopted for the self-study components. The students have to do projects pertaining to a course. The final year Projects are mentored and evaluated by externals from other institutes and industry. These projects are evaluated by a well-defined detailed rubrics framework to ensure quality of the projects. The best projects are sponsored to attend the project competitions.

- Audit courses as per syllabus of SPPU and twenty three Value added programmes are conducted on various topics. The students are also trained towards abstract writing, technical paper writing and literature survey.

- The OBE is practiced in true spirit resulting in more focused all-round development of our students.

- Modern Tool Usage: Wi-Fi enabled smart Boards, LCD projectors, MOODLE are used in teaching learning process.

- Industry-Institute-Interaction: Soft Skill training programs, Expert lectures, industrial visits are conducted with the industry personnel for enhancing the learning

levels of the graduates.

- One thousand sixty (1060) students completed online courses of MOOCs, SWAYAM, NPTEL with value added courses and add-on as well.

Research and Publications:

- Grant received from BCUD SPPU is point one five (0.15) lakh.

- Centre for Innovation Incubation and Entrepreneurship Development (CIIED) within institute by Industry.

- Research Initiatives: Project funding schemes are offered to encourage students to undertake research projects. Project based learning and internships are encouraged and students have completed it successfully. Financial support was provided by the management to students to participate in project competitions, conferences, publications in journal.

- Technical Clubs/Labs: The Institution has well equipped and dedicated labs, technical clubs for development of innovative projects. e.g. Robotics and E-Yantra Lab, Coders Club, etc.

- Professional Society Chapters - The Institution has well established chapters under professional societies like IEEE, ISTE, IETE, CSI, Various project competitions, seminars, community development activities, etc are organized under the societies.

- Centre for Innovation Incubation & Linkage: This cell established in collaboration with the affiliating university to promote innovation and incubation.

- Research Initiatives: Project funding schemes are offered to encourage students to undertake research projects. Project based learning and internships are encouraged and students have completed it successfully. Financial support was provided by the management to students to participate in project competitions, conferences, publications in journal.

- Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES):This scheme was sanctioned by All India Council for Technical Education for academic year 2022-23 with financial assistance of Rs.100000/- with equal contribution from the management. Under this scheme different clubs as listed below are established in Institute for students activities.

- Cultural Club ("Balgandharva") 2. Personality Club("Swami Vivekanand ") 3. Technical Club(" C. V. Raman") 4. Social Club(" Baba Amte") 5. Sports Club (" P. V. Sindhu")

- Students of electrical engineering won the following prizes for their project

"ADVANCED CAR JACK CONTROLLED BY WIRELESS DEVICE 1st Winner of PROJIT at JIT,Nashik, India. 3rd Winner of TECHPRO at JSPMS's BSIOTR, Pune, India. 3rd Winner of IEEE SETC 2023 at California,USA,June 2023 3rd Winner of "TECHNOTHAN at SPCOE Baramati, India.

- One hundred and forty research papers are published in the Journals notified on UGC CARE during 2022-23.

- Twenty four books and chapters are published during 2022-23

Outreach and extension Activieies:

- National Service Scheme: NSS unit (Unit No:A98)recognized by affiliating university (Savitribai Phule Pune University) for 150 students is one of the platform created for conduction of community approach activities to help the students to sensitize them towards social problems, environment and sustainability, giving back to society.

- Twenty three (23) activities have been conducted under National Service Scheme.

- Workshops/seminars/conferences including programs conducted on Research Methodology,

- Intellectual Property Rights (IPR) and entrepreneurship are eighteen (18) in umbers during 2022-23.

- Total six functional MoUs have signed with institutions/ industries in India for internship, on-the-job training, project work and collaborative research during AY 2022-23.

- The institution promotes various extension activities under National Service Scheme (NSS), IETE & IEEE Student Chapter and various clubs established at the institute. A Scheme for Promoting Interests, Creativity and Ethics among Students(SPICES) was sanctioned by All India Council for Technical Education with financial assistance of Rs.100000/- with equal contribution from the management. Under this scheme different clubs namely 1. Cultural Club ("Balgandharva") 2. Personality Club("Swami Vivekanand ") 3. Technical Club(" C. V. Raman") 4. Social Club(" Baba Amte") 5. Sports Club (" P. V. Sindhu"). The main aim is to identify development challenges in rural area and propose appropriate solutions for accelerating sustainable growth. Entrepreneurship Development (ED) Cell at the Institution aims to encourage students to consider self-employment as a career option. Institution has received many awards for innovative projects.

- The main aim of the NSS Unit is to develop a sense of social and civic responsibility

in the students. Several activities are carried out such as cleanliness, tree plantation, water conservation, use of solar energy, environmental awareness, national integrity, blood donation camps, health check-up camps, road safety and plastic eradication. In addition to this, students volunteered during pandemic. The student volunteers have organized weekly camps in nearby adopted villages.

- Apart from this, departments have their department students associations to continuously encourage students to take active participation in welfare of society by engaging them in social activities. The participation in extension activities helps students in sensitizing towards social issues and encourages them to provide solutions. This leads towards holistic personality development of students.

Result AY 2022-23 and Participation:

- Number of final year students who passed the university examination in academic year 2022-23 are 393 out of 487.

- 1345 students get benefited of guidance for competitive examinations and career counseling offered by the Institution during 2022-23.

- 215 students placed and progressed to higher education year wise during 2022-23.

- Four students qualifying in state/ national/ international level examinations year wise during 2022-23 (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

- Three students awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the2022-23, students in project completions, paper presentation of the Institution participated during 2022-23.

- 22 students participated in sports and cultural programs in which students of the Institution participated during 2022-23.

Infrastructure:

- The Institution provides adequate facilities and ensures the best possible utilization of physical infrastructure to support the teaching-learning process, co-curricular, extracurricular activities and an ecosystem for research and innovation.

- The infrastructure and facilities fulfill the norms laid by AICTE, DTE, and SPPU.

- Physical infrastructure like Classrooms, Tutorial Rooms, Laboratories, Machine

- Shop (Workshop) and Seminar Halls are available to conduct session/Expert talk etc.

- In addition to this, the Institution has distinctive auditorium with seating capacity of three twenty people, administrative rooms, and examination control room, central and departmental libraries, a computer center, two language laboratories, Video Conferencing Room, Sick room and ambulance available twenty four by seven.

- The Institution has adequate number of ICT-enabled classrooms and seminar halls. All classrooms and seminar halls have Wi-Fi/internet facilities for an effective teaching-learning process. They are well equipped with green boards, LCD projectors, and Smart boards.

- An expenditure of 71.29 lakhs has been allocated and expended for the development of infrastructure, reflecting a commitment to enhancing the overall growth and progress of the designated area.

- Band Width: 300 Mbps Content Ratio: 1:1(Gold) Campus Level Updating: 300 Mpbs to 300Mpbs.

- 163.84 Lakhs, Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during academic year 2022-23.

- 1345 students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the 2022-23.

- Sixty five activities organized in capacity development and skills enhancement activities are organized for improving students' capability 1.Soft skills 2.Language and communication skills 3.Life skills (Yoga, physical fitness, health and hygiene) 4.ICT/computing skills

- One thousand and eighty two (1082) students get benefitted by guidance for competitive examinations and career counseling offered by the Institution during the 2022-23.

- The Alumni Association was registered with the charity commissioner office in August 2017(MAHA/1097/2017/Pune).

- Alumni contributed in terms to deliver the expert session as their expertise. (Guiding and Motivating)

- Institution implements e-governance in its operations 1.Administration 2.Finance and Accounts 3.Student Admission and Support 4.Examination.

- Thirty teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during 2022-23.

- 125 teaching and non-teaching staff members participated in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the academic year 2018-19.

- The institute has a strong ethical work culture that is based on inclusivity. Gender sensitivity is an inherent value in the cultural ethos of the institute as is evidenced by the following facilities – Safety and Security, Counseling.

- National and international commemorative days, events and festivals celebrated by students associations. The Institution celebrates Engineer's Day on 15th September to recognise and honour the achievements of the great engineer Sir Mokshagundam Visvesvaraya.

- Various national festivals and Women's day is celebrated on International Women's Day i.e. 8th March to show respect towards women in all the efforts taken by them to manage their personal and professional life and for their contributions. International Yoga Day is celebrated in the Institution on 21st June to bring awareness about the health benefits of yoga among the students and the faculties. Gender audit is carried out to evaluate participation of male and female students in various types of events.

Library Facilities:

- The central library is automated with software and is equipped with e-resources.

- Open access software "Koha" is used for management of library support.

- OPAC software used for quick access to library resources.

- There are a total of 3646 titles and 16644 volumes

- A digital library is made available for browsing/searching.

- The reading room is well furnished with seating capacity of around 200 students / faculty.

- The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

- Vision Statement of the Institution To satisfy the aspirations of the youth force, who wants to lead the nation towards prosperity through techno-economic development.

Mission Statement of the Institution To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring students, which will prepare them to face global challenges maintaining high ethical and moral standards. The Institution's Vision emphasizes creating workforce to lead the nation towards prosperity through techno-economic development.

- To ensure the realization of the Vision, the Mission statements have created actionable areas with an emphasis on the development of entrepreneurial skills, the impetus for research and development activities, creating an environment of inclusiveness for the overall development of students.

- The Institution is working towards the accomplishment of the mission statements, which are clearly aligned to the vision. For the fulfilment of the stated mission, the leadership ensures the monitoring and enforcement of the policy statements and strategic action plans which are formulated based on careful consideration of all the stakeholders.

- Decentralization and participation The Institution promotes decentralization and participative management where each committee is given freedom to make a perspective development plan for smooth functioning.

- Effective leadership is visible through planning, implementing, and executing the quality policy of the Institution. The Institution has formed various committees that are constituted by staff members to manage different institutional activities and to promote academic leadership. The Principal discusses with the Heads of the Departments the needs, problems, suggestions for improvement in the educational quality, infrastructure, etc. to propose to the management for further action.

- As a part of the quality initiative the IQAC, statutory Committees, CDC, and Governing Body (GB) continuously work on quality improvement. The committees are headed by faculty in-charges and comprise inter-departmental teams along with student representatives.

Conclusion:

The institution is dedicated to executing a well-structured teaching–learning process, emphasizing the significance of Outcome Based Education for a diverse student body. The goal is to equip students with the skills necessary to embark on their professional journeys while upholding moral and ethical values for socio-economic development. This presents a valuable opportunity for the institution to shape the future of its students, emphasizing

Academic Flexibility, student-centric activities, project-based learning, internships, and community-oriented initiatives. Simultaneously, it poses a significant challenge to prepare students for the dynamic demands of industry and evolving technologies.

To address this challenge, the institution has embraced a learner-centered teaching approach employing methodologies such as participative learning, experiential learning, and collaborative learning modes, fostering effective learning. The institution's faculty members are well-prepared and proficient in utilizing Information and Communication Technology (ICT) tools and innovative teaching methods, enhancing the overall learning experience for students.

Noteworthy in this context is the institution's transparent and dedicated governance, coupled with unwavering support from the management. Their commitment is evident in facilitating both academic and administrative processes by providing essential amenities, state-of-the-art facilities, and necessary financial support. This holistic approach ensures a conducive environment for the holistic development of students.

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