Ph: 020-067335108, 65217050. 67335100 Telefax: 020-67335100 Website: <u>www.ispmbsiotr.edu.in</u> (DTE CODE: EN 6311, University Code: CEGP-013100) ME. (civil Engg). Ph.D (civil Engg)
LMISTE, LMIGS, LMIRC
LMISRMTT, LMIE

Principal

Institute Accredited by National Assessment and Accreditations Council (NAAC) and NBA accredited Programs: Information Technology, Electronics & Telecommunication Engineering, and Electrical Engineering

## 1.3.2- Percentage of students undertaking project work/field work/internships (Data for the latest completed academic year)

## 1.3.2.1. Number of students undertaking project work/field work / internships

#### **Findings of DVV:**

- 1. Provide Internship completion certificate / project work completion certificate of any 10 students from the organization where internship / project was completed along with the duration.
- 2. Provide Report of the field visit / sample photographs of the field visit / permission letter from the competent authority."

#### Clarification for findings of DVV:

- 1. Internship completion certificate of 10 students from the organization where internship was completed are attached herewith.
- 2. Report of the field visits along with sample photographs of the field visit and permission letter from the competent authority are attached herewith.



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



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Institute Accredited by National Assessment and Accreditations Council (NAAC) and NBA accredited Programs: Information Technology, Electronics & Telecommunication Engineering, and Electrical Engineering

- 1.3.2- Percentage of students undertaking project work/field work/internships (Data for the latest completed academic year)
- 1.3.2.1. Number of students undertaking project work/field work / internships

Internship completion certificates of students from the organization where internship was completed



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





Ph: 020-067335108, 65217050. 67335100 Telefax: 020-67335100

Website: www.ispmbsiotr.edu.in (DTE CODE: EN 6311, University Code: CEGP-013100) Dr. T.K. Nagaraj ME. (civil Engg) Ph.D (civil Engg) LMISTE, LMIGS, LMIRC LMISRMTT, LMIE

**Principal** 

Institute Accredited by National Assessment and Accreditations Council (NAAC) and NBA accredited Programs: Information Technology, Electronics & Telecommunication Engineering, and Electrical Engineering

## INTERNSHIP CERTIFICATE OF COMPUTER ENGINEERING DEPARTMENT

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



# CERTIFICATE OF COMPLETION

5/4/2023

This certificate is proudly presented to

### Abhijeet Ratnakar Thorat

for successful completion of 1 month internship in Web Development and Designing with wonderful remarks at OASIS INFOBYTE











## INTERNSHIP

THIS IS TO CERTIFY THAT

#### Swaliha Ayyub Attar

has successfully completed internship program in **Web Development**.. from **20th Jan, 2023** to **20th Mar, 2023**. During the internship, the stud ent was found to be dedicated, hardworking and diligent.

To the second se

Academic Head



Litula

**Director Signature** 





#### **To Whom So IT May Concern**

Date - 11 / 03 / 2023

This is to certify that **Kovit Dongre**, Computer Engineering **JSPM BSIOTR** is working as an intern with CodeClause from the period **Feb-2023 To Mar-2023**.

During this period he handled **Web Development Intern** position.

During the course of the Internship, **Kovit Dongre** has shown a great amount of responsibility, sincerity, and a genuine willingness to learn and zeal to take on new assignments and challenges. In particular, his coordination skills and communication skills are par excellence and his attention to details is impressive

We wish all the very best for your future.

with regards,

CodeClause







## **Certificate of Completion**

## Aniket Gawai

has successfully completed one month internship at YBI Foundation in Fundamental of Web Technology with HTML, CSS & Javascript for Web Development at YBI Foundation from 10th February '23 to 9th March'23.

Date: Sunday, Mar 12 2023

14364000001781228

**YBI** Foundation

www.ybifoundation.org (+91) 966 798 7711 support@ybifoundation.org





#### CERTIFICATION FROM COMPANY



#### CERTIFICATE OF INTERNSHIP

We present this certificate to

ANUSHKA DIGAMBAR UMALE

In appreciation for the performance during the machine learning internship at Rubixe.

Ashok Veda

Founder & CEO at Rubixe™

# CERTIFICATE OF COMPLETION

3/10/2023

This certificate is proudly presented to

### Bhushan Rajendra Jadhav

for successful completion of 1 month internship in Web Development and Designing

with wonderful remarks at OASIS INFOBYTE











# INTERNSHIP COMPLETION CERTIFICATE

OFFICIAL INTERNSHIP PARTNER:



PROUDLY PRESENTED TO:

#### **BURDE VISHAKHA HEMRAJ**

has successfully completed 3 months Internship from 01/01/2023 to 31/03/2023 in Full-Stack Java Development at YHills.

Certificate ID: YHI-5002267

05/05/2023 DATE



AMAN KUMAR, CO-FOUNDER



## **Certificate of Completion**

## Shreyas Chavan

has successfully completed one month internship at YBI Foundation from 5th December'22 to 4th January'23 in Fundamental of Python and Analytics with application in Machine Learning & Business.

Date: Thursday, Jan 05 2023

1436400000353605

**YBI** Foundation

www.ybifoundation.org (+91) 966 798 7711 support@ybifoundation.org









#### **To Whom So IT May Concern**

Date - 04 / 05 / 2023

This is to certify that **Bhosle Pawan Ramesh**, Computer Engineering **JSPM BSIOTR**, **Pune** is working as an intern with CodeClause from the period **Apr-2023 To May-2023**.

During this period he handled **Web Development Intern** position.

During the course of the Internship, **Bhosle Pawan Ramesh** has shown a great amount of responsibility, sincerity, and a genuine willingness to learn and zeal to take on new assignments and challenges. In particular, his coordination skills and communication skills are par excellence and his attention to details is impressive

We wish all the very best for your future.

with regards,

CodeClause





# CERTIFICATE OF COMPLETION

4/15/2023

This certificate is proudly presented to

### Akanksha Kailas Nighut

for successful completion of 1 month internship in

**Java Development** 

with wonderful remarks at **OASIS INFOBYTE** 











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Principal

Institute Accredited by National Assessment and Accreditations Council (NAAC) and NBA accredited Programs: Information Technology, Electronics & Telecommunication Engineering, and Electrical Engineering

## INTERNSHIP CERTIFICATE OF ELECTRONICS AND TELECOMMUNICATION DEPARTMENT

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





## Certificate Of Completion

**Awarded To** 

### **Arman Shaikh**

You have successfully completed our training program on

Python - Basic & Advanced (2 months)



Korni

Director

4th Sep 2022

LONDON-MUMBAI-PUNE



Internship

## CERTIFICATE

PROUDLY PRESENTED TO

## Rajnandini Sawargave

has successfully completed her 1 month summer internship from March 2023 to April 2023 at TechnoDexterous. We found her sincere, hardworking and result oriented during the program.



Radom

Program Manager

www.techno-dexterous.com Learn Technologies from Home



## CERTIFICATE

OF INTERNSHIP



THIS CERTIFICATE IS PROUDLY PRESENTED TO:

## Kunal Dilip Marwade

Has successfully completed Internship On Web Development from 1/12/2022 to 31/01/2023. During his/her internship, the student was found to be dedicated, hardworking and intelligent

23-02-2023

DATE

+ Naveen

Academic Head





## Certificate of Completion

This is certify that Athawa Kadam has successfully completed 30 days PLC Training from 06 Feb 2023 to 06 March 2023 covering.



Intouch SCADA

#### BRANCH: CHINEHWAD

- Manik Raj Park, 2nd Floor, Office No.4.
  Oppo, Elpro City Square Mall, PCMC Link Road, Chinchwad, Pune-411033,
- 8530094777 / 8530084777 / 9075102234

#### BRANCH: CHHATRAPATI SHIVAJINAGAR

- Office No.3, Riverview, Elsta Park Society, Beside Chhatrapati Shivaji Nagar Bus Stand, Wakafewadi, Pune • 411005.
- 7276695435 / 9075102234







- [] theworldofautomation
- TheWorldOfAuto1
- UCXARibligQgngl-6YdGduig
  - a info@theworldofautomation.com
  - www.theworldofautomation.com



Authorised Signatory



#### SUVIDHA FOUNDATION

Serving the Society Since 20+ Years Suvidha Mahila Mandal

SMM222320859

## Certificate of Completion

This certificate is presented to

#### Ms. Nikita Mane

In recognition of completion of internship in Web Development from 06 Dec 2022 to 06 Jan 2023 at Suvidha Foundation. During the period of his/her internship programme with us, he/she was found punctual and inquisitive. We wish him/her all the best for his/her future endeavours.



In collaboration with

Shokha Motghare

Mrs. Shebha Meighara Secretary





## Certificate of Completion

This is certify that Yuvraj Palil has successfully completed 30 days PLC Training from 06 Feb 2023 to 06 March 2023 covering.

M AB PLC

M Intouch SCADA

#### BRANCH: CHINCHWAD

- Manik Raj Park, 2nd Floor, Office Nn.4, Oppo.Elpro City Square Mall, PCMC Link Road, Chinchwad, Pune-411033,
- B530094777 / H530084777 / 9075102234

#### BRANCH; CHHATRAPATI SHIVAJINAGAR

- Office No.3, Riverview, Ekta Park Society, fleside Chhatrapati Shivaji Nagar Bus Stand, Wakdewadi, Pune - 411005.
- 7276695435 / 9075102234







- theworldofautomation
- TheWorldOfAuto1
- www UCXARinllgQgngl-6YdGduig
- info@theworldofautomation.com
- www.theworldofautnmation.com





## CERTIFICATION

This is to certify that

Mr./Ms. SHEETAL BABAJI GAT

has successfully completed her/his internship in \_\_\_\_\_ Web Development

from 10-Mar-2023 to 10-May-2023 . During this period the

student was found to be dedicated, determined and hardworking.

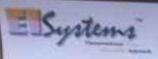




www.acmadrade.com

Robith/

Academic Head



## Esystems Certificate of Internship

This is to certify that Mr. / Ms.

RUTUJA MANE

JSPM'S BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI PUNE.

has participated in online training program held from

1 January to 28 January of 2023 (4 Weeks) and completed training on

Python Programming

Post completion of training He | The also submitted a report on

BODY MASS INDEX.

We wish him ther all the best for future endeavours.

Mayur Dev Sewak Head, Training & Internship **EISYSTEMS SERVICES** 

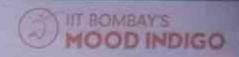


Gokul Mano Convenor Technex 22 IIT (SHU) Varanasi

www.eisystems.in







### Certificate of Internship

is proudly presented to

## Priyanka Bapurao Patil

This is to certify that Ms. Priyanka Bapurao Patil has successfully completed her internship in Data Science from 01/01/2023 to 28/02/2023. She performed very well and we found her to be keen and enthusiastic during the program.

VISHNU P NAIR

Head of Operations,

Intrainz

15th March 2023

#### To Whomsoever it may concern

This is to certify that Ms. Amruta Ashok Sonavane pursuing her Business Engineering in Electronics and Telecommunication from JSPM Bhivrabai Sawant Institute of Technology and Research, Pune. She has successfully completed her internship at Jabil Circuit India Pvt, Ltd. Ranjangaon, Pune from 15 February 2023 to 15 Mar 2023.

During her internship we observed that she is sincere, determined, and diligent. We are confident that the knowledge and experience she gained, will help in her professional life.

We wish her ALL THE VERY BEST for her prosperous future.

For Jabil Circuit India Pvt, Ltd.

Gundurao Patil

Sr. Manager, Human Resources

JABIL CIRCUIT INDIA PVT. LTD.

8-26, MIDE INDUSTRIAL AREA,
RANJANGADN, TALUKA SHIRUR,
DIST. - PUNE,
MAHARASHTRA - 412220 INDIA.
\$\( \text{!} +91 2138 662109 \)

♥:+91 2138 660759

MOD-JIBAL.WWW



Ph: 020-067335108, 65217050. 67335100 Telefax: 020-67335100

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LMISTE, LMIGS, LMIRC
LMISRMTT, LMIE

Principal

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## INTERNSHIP CERTIFICATE OF INFORMATION TECHNOLOGY DEPARTMENT

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







### CERTIFICATE

OF COMPLETION

This certificate is proudly awarded to

Sumit Katkar

For the excellent performance in CasCode's Internship Programme in Web Development from 10 February to 10 March, 2023. We appreciate the efforts put forth by him in completing this internship program and wish him all the best in his future endeavors.

Rushikesh Shinde

www.cascode.in

hello@cascode.in



## CERTIFICATE OF COMPLETION

4/15/2023

This certificate is proudly presented to

Kiran Kalyanrao Maykar

for successful completion of 1 month internship in Web Development and Designing with wonderful remarks at OASIS INFOBYTE

contact@oasisinfobyte.in

OIB/M2/IP325

www.oasisinfobyte.com













## CERTIFICATE

OF COMPLETION

PROUDLY PRESENTED TO

#### Mukesh Manohar Narwade

For Successfully Completing I month Virtual Internship as a Web Development Intern At TheResolvedTech during this internship we found him/her consistent and hardworking. We Wish All The Best For Future Endeavors.

FEB 28TH, 2023



FOUNDER





CO FOUNDER



### TO WHOM IT MAY CONCERN

This Certificate is Awarded to

### **TEJAS MEHETRE**

in appreciation of your successful completion of the work for the position of Artificial Neural
Network Intern at Utkarshini Edutech. Work was conducted around technologies like Data
Scrapping, NLP Algorithms and Neural Network, and Projects undertaken were completed under
Abhishek Kumar Jha.

This work declared was conducted for between 15th Nov2022 to 7th Feb 2023

ANUBHAV ANAND Corporate Relation Head

Anubhar Anand

ABHISHEK KUMAR JHA Founder

Verification ID - 1020INTTAS13465

CIN - U809043H2019PTC012718
ADDRESS - CIO PRIVADARSHI ANJAN, PAWAN COLONY, HINOC



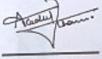
### CERTIFICATE OF

COMPLETION

This certificate is Proudly Presented to

Asmita Amup

This is to certify that the candidate has successfully completed a one-month virtual internship in **web development and design**. During this internship, he/she showed consistency, determination, and active participation and completed all tasks on time.



FOUNDER



MINIMA



01 Apr 2023

Date

O Contact@txon.in

www.txon.in

CIN: TXN23WD1005

## GröwMore CERTIFICATE OF COMPLETION

PROUDLY PRESENTED TO

## Jain Tushar Nandlal

Was an active Participant in the LetsGrowMore Virtual Internship Program in Web Development from 1 October 2022 to 1 November 2022



Aman Kesarwani

FOUNDER

7 November 2022

## CERTIFICATE OF COMPLETION

3/10/2023

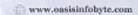
This certificate is proudly presented to

#### Shejwal Rudra Manohar

for successful completion of 1 month internship in Web Development and Designing with wonderful remarks at OASIS INFOBYTE

contact@oasisinfobyte.in

OIB/F2/IP737















## CERTIFICATE

OF COMPLETION

PROUDLY PRESENTED TO

#### **ANAY KALE**

For Successfully Completing I month Virtual Internship as a Web Development Intern At TheResolvedTech during this internship we found him/her consistent and hardworking. We Wish All The Best For Future Endeavors.

FEB 28TH, 2023



FOUNDER





CO-FOUNDER

## CERTIFICATE OF COMPLETION

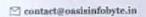
OASIS INFOBYTE

12/10/2022

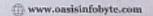
This certificate is proudly presented to

#### Purva Katkar

for successful completion of 1 month internship in Web Development and Designing with wonderful remarks at OASIS INFOBYTE



OIB/NOV604











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Website: www.ispmbsiotr.edu.in (DTE CODE: EN 6311, University Code: CEGP-013100) Dr. T.K. Nagaraj ME. (civil Engg) Ph.D (civil Engg) LMISTE, LMIGS, LMIRC LMISRMTT, LMIE

Principal

Institute Accredited by National Assessment and Accreditations Council (NAAC) and NBA accredited Programs: Information Technology, Electronics & Telecommunication Engineering, and Electrical Engineering

## INTERNSHIP CERTIFICATE OF MECHANICAL ENGINEERING DEPARTMENT

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





### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Sidhalingreddy Nagareddy Sherikar of T.E. Mechanical, Roll no. TB37 from JSPM's BSIOTR college has successfully completed his Internship in the field of CNC, VMC and Lathe machine jobs at our company from 2<sup>nd</sup> Jan 2023 to 20<sup>th</sup> Feb 2023 under guidance of Mr. K. S. Badiger.

During the period of training he has maintained a good record of attendance & has taken keen interest in his training with good performance.

We wish him every success in his life and career.

For Siddaganga Engineering Works

Mr. K. S. Badiger Proprietor



### SIDDAGANGA ENGINEERING WORKS

Gate No 52, behind Warade Tools, Dehu-Moshi Road, Chikali, Pune- 412114

MSME: MH-26-0090784 GSTN: 27AGCPB5293L1Z8

Email: siddaganga.engg@gmail.com

Phone: +91-9850454205



### OM ENTERPRISES

**Engineers & Manufactures Representatives** 

All of Mould & Injection Moulding Machine Spare Parts Repairing

Mold P.M., Molding Machine P.M. & All Toolrum work.

Address : Sanaswadi, Nareshwar road, Bhagyoday Building, Sanaswadi, Tal: Shirur, Dist : Pune. 412208

Email: mohansandi.71@gmai.com Mob.7841095179, 9762473786

Ref .:

Date: 15 /02/2023

#### TO WHOM IT MY CONCERN

This is certify that Mr.Rushikesh Jalindar Zaware Student of BE (Mechanical) of Savitribai Phule University Pune has successfully completed summer Internship in the field Lathe Machine Tools from 25 January 2023 to 15 February 2023 under guidance Mr.Mohan Sanadi.

We Wish him Every success in his life and career.

For OM ENTERRISES

Signature of Authorized



HR / 2022 / 09891

10.12.2022

### CERTIFICATE

This is to certify that Mr. Roshan Vishnu Satpute a student of Bhivrabai Sawant Institute of Technology & Research has successfully completed his Internship at FUKOKU INDIA PRIVATE LTD-PUNE from 01.11.2022 to 10.12.2022

During the above period, he was engaged in our "Assembly shop" for the role of Quality Engineer

The candidate was found to be enthusiastic and observant during his short stint in FUKOKU INDIA PRIVATE LTD-PUNE. His Performance has been assessed as **Excellent** 

FUKOKU INDIA PRIVATE LTD-PUNE

Hiremath Amar Santosh

Fukoku India Pvt. Ltd:

HR – Skill Development



### **FUKOKU INDIA PRIVATE LIMITED**



Dictais I LIVAGE LAMBECT

C-18, M.I.D.C Are, Ahmednagar - 414 111, India •TEL:+90 241 2775600

•E-mail: infoindia@gknpm.com

•Website: www.gknpm.com
•CIN of the company: U29130PN1960PTC018827
•GSTIN: 27AAACM4432HIZO

#### Certificate

This is to certify that Vedant Kadam has done his internship from 01 Feb 2023 to 25 Feb 2023. During this period, he worked on a project, "Study to Improve Production Efficiency with Product Quality" using. The concepts of Lean, Time and Motion Study and Ergonomics. During his tenure with us we found him to be sincere and hardworking. We Wish him All the Best in his Future endeavors.

For GKN Sinter Metals Pvt Ltd

Irfan Jamadar

(HR)







Add: Gat.174/2, Shantai Complex-2 Johndeere Road, L&T Phata Sanswadi, Tal. Shirur. Dist: Pune

Email:tecksons@gmail.com

Mobile No.9822244317/8208235102

### CERTIFICATE OF INTERNSHIP

This is to Certify that Mr. Pratik Bengal Student of Bhivarabai sawant Institute of technology and Research (JSPM) Wagholi having ID No.EN20112369 has successfully completed the internship programme from 21 Jan2023 to 20 feb2023 in our organization Tecksons Engineering at Pune.

SEAL/SIGNATURE OF AUTHORIZED

TECKSONS ENGINEERING

**PUNE** 





John Deere India Private Limited CIN –U74220PN1997PTC112441 Pune-Nagar Road, Sanaswadi Pune 412208, India

Tel: +91 (2137) 667111

Fax: +91 (2137)666837/666838

Dear KRUSHNA,

To Whomsoever It May Concern

This is to certify that Mr. PAWAR KRUSHNA BALU

Successfully completed Internship in our organization during the period from 5<sup>th</sup> Jan 2023 to 20<sup>th</sup> Feb 2023 at John Deere Pune Works in Transmission Factory.

During the training with us, we have found him to be Sincere and Hardworking and lot of Curiosity.

For John Deere India Private Limited - Pune Works

Authorized Signatory
Exc. Service Certificate

CC. Personal File

Registered Office: Tower XIV, Cyber City, Magarpatta City, Hadapsar, Pune 411 013, IndiaTel. +91 (20) 66425000 Fax: +91 (20) 6642500 Website: www.deere.co.in

## Raishree Automoblies

Pandharpur-Tembhurni road Karkamb, tal.: Pandharpur Dist.: Solapur - 413302

Prop. Pankaj Deshmukh, Mo. 9403906821, E-mail: pankajdeshmuk25@gmail.com

Ref.: 0004

Date: 25/02/23

### TO WHOM IT MAY CONCERN

This is to certify that Mr. Kantilal Ramchandra Taware has successfully completed Five Weeks of internship program in the Automobile Department from 23 January to 25 February under guidance of Mr. Pankaj Deshmukh sir and Mr. Ajinath Ghule sir in our organizations.

During the above period, we found that he was consistent, honest, diligent, punctual and inquisitives in him assigned duties and responsibilities.

He was highly motivated and hardworking. He worked sincerely at his tasks and did very good job.

We wish him great success in future endeavour.

For, Rajshree Automoblies Ltd,

राजश्री एंटरप्रायझेस

प्रोप्रा. पंकज देशमुख Mr. Pankaj Deshmukh

Authorized Signature



Hero

### CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Kumbhar Chetan Sanjay TE 16, student of BSIOTR J.S.P.M WAGHOLI, TE mechanical has successfully completed the internship programme from 22/01/2023 to 12/02/2023 in our company Suyog Automobiles At Saswad, Pune 412301

Signature of authorized



Human Resources 28 February 2023

### CERTIFICATE

This is to certify that, Mr. Avinash Balasaheb Wakade From Bhivarabai Sawant Institute of Technology and Research, Wagholi has successfully completed his internship in our company for a period of 02 Jan 2023 to 28 Feb 2023.

During this period, we found his to be sincere, hardworking, and dedicated individual. We wish his all the best for his future endeavor.

For, Vishay Components India Pvt.Ltd.

Jose Joseph Manager HR

### CERTIFICATE

OF APPRECIATION

S A CAR CARE - WAKAD, 411057

THIS CERTIFICATE RECOGNIZES THE CONTRIBUTION OF

### Vikas Rajkumar Idalgave

This is to certify that the mentioned intern has completed the Internship
Program at S A Car Care – Wakad, 411057.

He/She has found to be sincere & diligent with good attendance at work.

We wish him/her all the best for Future.

WAKAD - 411057 (28/02/2023)
DATE/PLACE

Proprietor
SIGNATURE/STAMP



Ph: 020-067335108, 65217050. 67335100 Telefax: 020-67335100

Website: www.ispmbsiotr.edu.in (DTE CODE: EN 6311, University Code: CEGP-013100) Dr. T.K. Nagaraj ME. (civil Engg) Ph.D (civil Engg) LMISTE, LMIGS, LMIRC LMISRMTT, LMIE

Principal

Institute Accredited by National Assessment and Accreditations Council (NAAC) and NBA accredited Programs: Information Technology, Electronics & Telecommunication Engineering, and Electrical Engineering

## INTERNSHIP CERTIFICATE OF ELECTRICAL ENGINEERING DEPARTMENT

**Vision:** "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic 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"





## **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, Mr./Miss. Dhamdhere Ruturaj Shahaji actively participated and satisfactorily prescribed practicals in internship on



completed

## "Industrial Approach in Electrical, 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 27-02-2023 To 03-03-2023

JSPM's B. S. I. O. T. R. Wagholi- Pune

Organized by Department of Electrical Engineering

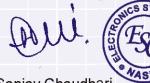
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Dr. Nilam N. Ghuge

**HoD Electrical** 

Dr. T. K. Nagaraj



Sanjay Chaudhari Director **Electronics Study Centre**  **AN ISO 9001: 2008 CERTIFIED** 



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website: www.escworkshop.in

email: escelectronics@gmail.com

# Certificate

This is to certify that, Mr./Miss. Dhande Ajinkya Ranjit actively participated and satisfactorily prescribed practicals in internship on



completed the

## "Industrial Approach in Electrical, 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 27-02-2023 To 03-03-2023

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Dr. T. K. Nagaraj

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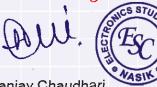
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Dr. Nilam N. Ghuge HoD Electrical

Dr. T. K. Nagaraj

Director

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Dr. T. K. Nagaraj Sanjay Chaudhari Director **Electronics Study Centre** 

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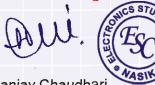
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Dr. Nilam N. Ghuge

**HoD Electrical** 

Dr. T. K. Nagaraj



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This is to certify that, Mr./Miss. Takate Neeta Deepak actively participated and satisfactorily prescribed practicals in internship on



completed

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Dr. Nilam N. Ghuge HoD Electrical

Dr. T. K. Nagaraj

Sanjay Chaudhari Director **Electronics Study Centre** 

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Principal

Institute Accredited by National Assessment and Accreditations Council (NAAC) and NBA accredited Programs: Information Technology, Electronics & Telecommunication Engineering, and Electrical Engineering

- 1.3.2- Percentage of students undertaking project work/field work/internships (Data for the latest completed academic year)
- 1.3.2.1. Number of students undertaking project work/field work / internships

Field visits Reports



**Vision:** "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic 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"



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Principal

1.3.2.1. Number of students undertaking project work/field work / internships

Report of the field visit / sample photographs of the field visit / permission letter from the competent authority.

Report of the field visit

**Event Title: Industrial Visit Report Department of First Year Engineering** 

**Activity Name: Industrial Visit** 

Day and Date: 29/04/2023

Venue: Science Park & Auto Cluster, Pimpri Chinchwad, Pune- 411019

Time: 10 am to 6 pm.

PO Attainment: PO1, PO5, PO6, P10

**Programme objective:** To improve their speaking abilities and to establish contacts within a group of people.



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

Department Of First Year Engineering of BSIOTR, PUNE organized Industrial visit at "Science Park & Auto Cluster, Pimpri Chinchwad Chinchwad, Pune- 411019" on 29/04/2023.



Pimpri Chinchwad Science Park (PCSP), a unique, non-formal science learning center in the industrial twin-township of Pimpri Chinchwad, was inaugurated on February 8, 2013. Pimpri Chinchwad Science Park was developed in an attempt to initiate well-coordinated science communication and popularization activities in the region. The Centre has a built-up area of approximately 4000 sq. m., housing three permanent galleries, a temporary exhibition hall, an inflatable-dome planetarium, a science demonstration area, an activity corner, an auditorium, a 3D science show facility, a library cum conference hall, and a workshop for maintenance and development of exhibits.



Science Park Centre

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Students and staff members visited at Science Park Centre, Primpri Chinchwad, Pune



#### Auto Cluster Exhibition Centre

The student of first year engineering visited the site and learnt about various parts of drilling machine, types of drills, laser cutting machine.

Auto Cluster Pune is known for its unique model of technology infrastructure for innovations, technology up-gradation, new product development, prototyping, testing, etc. Auto Cluster is planning for supporting and developing key technologies such as e-mobility, searching new avenues of Design Validation platforms for future mobility under the expert's guidance. Auto Cluster also acts as a catalyst for Industry-Academia by creating a network through the online social platforms and arranging expert guidance series for the betterment of future industry personnel/engineers. Tech Equipment and machinery is to serve MSEME's from conceptual stage to validation of product.

Total 250 students were present for the visit as well 20 faculties. The visit is organized by Prof. A. G. Poshetti & Prof. Aparna Meshram under the guidance of Head of Department Dr. Swati Godse At the

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end, Faculty members and students were done the big vote of thanks for science park manager for their valuable time.



All student and staff member at BSIOTR for Industrial Visit



Students and staff members at Auto Cluster



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Ph : 020-067335108, 65217050, 67335100
Dr. T.K. N

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Dr. T.K. Nagaraj
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LMISTE, LMIGS, LMIRC
LMISRMIT, LMIE Principal



Students and staff members visited at Science Park Centre

**FE HOD** 

**Dr.Swati Godse** 

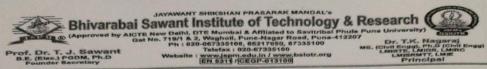
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LMISRMTT, LMIE
Principal

### Permission letter from the Competent authority



**Department of First Year Engineering** 

Date-27/08/23

Academic Year 2022-23

Industrial Visit: Science Park, Pimpri

On behalf of JSPM's BSIOTR First Year Engineering department, request to you for getting permission to visit Science Park as Industrial visit.

Please refer email(<u>aparnameshram369@gmail.com</u>) for visit on 29th April 2023 Saturday, around 300 students and 20 faculties will be part of visit. As per communication and concession offered by you to Students and staff, We have collected contribution of Rs. 90/- per student.

Kindly consider our request and do the needful.

Thanking you,

Note: We will reach to Science Park on Saturday 29th April 2023 at 9:30 am, In case of any change made will inform on priority.

Visit Coordinators

A. G. Poshetti

A. C. Meshram

Head of Department

Dr.Swati Godse

General Science Department
I.S.P.M.'s Bhivarabal Sawant Institute of

Technolog • Pagearch

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Principal

Dr. T. K. Nagraj

Bhivarabai Sawant Institute Of Technology & Research Wagholi, Pune- 412207.

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

#### **Notice for Industrial Visit**



Department of First Year Engineering

Date-24/04/23

Academic Year 2022-23

Industrial Visit: Science Park, Pimpari

### NOTICE

This is informed all student of first year that an industrial visit/ Educational tour to Science Park Pimpari Pune is schedule on 29 APRIL 2023 (Saturday).

It is mandatory to be present for the visit. Each student will be carrying uniform & an ID card, with him/her during the visit. Bring your lunch box, snacks with you. Undertaking form must sign till Thursday. All student must pay Rs.90/- as entry fee to Class representative & class teachers till Wednesday. Buses will leave the college at 8:30am sharp.

This educational tour part of our Project Based Learning.

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Head of Department

Dr.Swati Godse

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Dr. T. K. Nagraj
PRINCIPAL

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1.3.2.1. Number of students undertaking project work/field work / internships

Report of the field visit / sample photographs of the field visit / permission letter from the competent authority.

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Day and Date: 29/04/2023

Venue: Science Park & Auto Cluster, Pimpri Chinchwad, Pune- 411019

Time: 10 am to 6 pm.

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**Programme objective:** To improve their speaking abilities and to establish contacts within a group of people.



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**FE HOD** 

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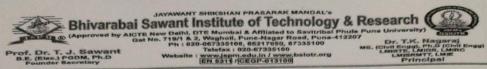
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General Science Department
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#### **Notice for Industrial Visit**



Department of First Year Engineering

Date-24/04/23

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Industrial Visit: Science Park, Pimpari

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This educational tour part of our Project Based Learning.

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Principal

Dr. T. K. Nagraj
PRINCIPAL

J S.P.M.'S Shivarabai Sawant Institute of Technology & Research Wagholi, Pune- 412207



### Industrial Visit at Vigyan Ashram.

6 messages

Nilesh Mohota <nileshmohota@gmail.com>

Wed, Sep 14, 2022 at 12:31 PM

To: vapabal@gmail.com, ysangal entc@jspmbsiotr.edu.in

Dear Sir,

With reference to the above subject, we would like to arrange an industrial visit at your esteemed organization for the second and third year students of Bhivarabai Sawant Institute of Technology & Research, Wagholi, Pune. Please let us know the procedure for the same. As per the telephonic conversation the probable date of visit from our end is September21, 2022.

In anticipation of your positive response.

Regards

Prof. Nilesh A. Mohota

#### suvarna wadekar <wadekarsuvarna23@gmail.com>

Thu, Sep 15, 2022 at 10:58 AM

To: nileshmohota@gmail.com

Dear Sir,

You are welcome to visit Vigyan Ashram!

You can visit on 21st September 2022.

I am attaching an information brochure.

There will be visitor fees of Rs.50 per visitor.

Please note that we will not able to arrange lunch/snacks on campus. Sorry for the inconvenience.

If any query please contact the below number.

Thanking You, Suvarna Wadekar 8975241469

On Wed, Sep 14, 2022 at 1:05 PM Yogesh Kulkarni Vigyan Ashram <vapabal@gmail.com> wrote:

Please respond

[Quoted text hidden]

#### 2 attachments



**bro-3.jpg** 3165K



**bro-4.jpg** 3476K

Nilesh Mohota <nileshmohota@gmail.com>
To: suvarna wadekar <wadekarsuvarna23@gmail.com>

Thu, Sep 15, 2022 at 11:13 AM

Thanks & Regards

[Quoted text hidden]

Nilesh Mohota <nileshmohota@gmail.com>
To: suvarna wadekar <wadekarsuvarna23@gmail.com>

Mon, Sep 19, 2022 at 9:06 AM

Dear MAm.

We are planning to come for the visit on 21st September 22, please let me know whether the payment can be done on the same day.

Thanks and Regards

On Thu, Sep 15, 2022 at 10:58 AM suvarna wadekar <wadekarsuvarna23@gmail.com> wrote: [Quoted text hidden]

**suvarna wadekar** <wadekarsuvarna23@gmail.com>
To: Nilesh Mohota <nileshmohota@gmail.com>

Mon, Sep 19, 2022 at 11:03 AM

Dear Sir,

Yes, you can pay on the same day.

#### Thanking You, Suvarna Wadekar

[Quoted text hidden]

suvarna wadekar <wadekarsuvarna23@gmail.com>
To: Nilesh Mohota <nileshmohota@gmail.com>

Wed, Sep 21, 2022 at 10:10 AM

Dear sir,

What time will you reach at Vigyan Ashram?

Please call me.

Thanking You, Suvarna Wadekar 8975241469

[Quoted text hidden]



### JSPM's BHIVRABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH Wagholi, Pune.



## Department of Electronics & Telecommunication Engineering "A report on Industrial Visit to Vigyan Ashram for SE"

Objective	The aim of this industrial visit was to encourage and motivate the students for project based learning and to identify the projects from real life problems and to develop the solution for the same.
Date of Conduction	21/09/2022
Industrial Visit Coordinator	Prof. Nilesh A. Mohota and Prof. Suchipriya Malge
Student Coordinator	Mr. Uddhav Gavandi and Ms. Pranita Choure
Students Participated	58 (E&TC Dept.)
Outcome	Students have learned:  1) To manage the visit and to interact with the persons from industry.  2) The basic concept of Printed Circuit Boards.  3) To work in the Fabrication Lab.  4) To broaden their thinking and also have learned basic technical aspects.

Industrial visit of SE students was arranged to 'Vigyan Ashram' on September 21<sup>st</sup> 2022. The faculty coordinators and student coordinators took the initiative to arrange and accomplish the visit successfully. The Head of Department **Dr. Y. S. Angal** and Principal of the institute **Dr. T. K.**Nagraj encouraged the students to actively participate in the industrial visit. We left the college for the industrial visit at 9:30 AM through college bus.



We reached at 'Vigyan Ashram' at 10:30 AM. The coordinator of 'Vigyan Aashram' Ms. Suvarna Wadekar guided us through the visit. At first they took us to the seminar hall were they had given the presentation on the different real life projects on which they are working and

developing the same. Mr. Arun Dixit, scientist gave the presentation. The presentation took about one hour in which the students interacted with the speaker.



After that the total students were divided into two groups of 29 each and took us for the visit in the Ashram in which they explained the development of compost machine, joy stick through 3D printer, they also explained the use of engineering in agriculture etc.

They took us to culture lab and explained the significance of soil testing, after that we were taken to workshop lab where they explained different equipment's for making the projects. They also are in the planning to start development of embedded projects.



We also visited the fabrication lab which contains the 3D printer, laser cutter, PCB developing machine and demonstrated and explained the working of different machines.



After the visit of the Ashram we were taken to the seminar hall and we had an interaction with the coordinators and interns who cleared the doubts of the students. We left the Ashram at around 2:30PM

#### **Enclosures:**

- 1) Receipt of payment.
- 2) Attendance sheet of students.

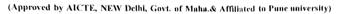
Prof. N. A. Mohota

JSPM's Bhiyarabai Sawant Institute of Technologipa Research Wagholi, Pune- 412 207



#### JAYAWANT SHIKSHAN PRASARAK MANDAL' s

## Bhivarabai Sawant Institute of Technology & Research



GAT.NO.720 (1), WAGHOLI, PUNE-NAGAR ROAD, PUNE-412207.

TEL.NO.(020)27051170 FAX.NO.(020)27052590

Date: 21/09/2022

#### DEPARTMENT of E&TC

### Industrial Visit of SE to Vigyan Ashram, Pabal

#### Session 2022-23

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15	SIDHANT PATIL	Solve
16	ABHISHEK ADHAU	LABM 1.
17	UDDHAV GAVANDI	adusta
18	BANDE RUSHIKESH	
19	SAKSHI ROKADE	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
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22	PRASAD GAYAKWAD	(8m)
23	PRANITA GADHAVE	Pradi
24	ASHUTOSH THAKUR	Thakub
25	ANJALI NAIR	Driver
26	ARYA ADHAV	Angu
27	SANIYA WALKIKAR	Sariya
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29	KUMBER UBALE	Rubes
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31	AJAY KASABE	400
32	ANURAG MORE	Quore
33	ANAND SALEGAONKAR	
34	ROHIT ROLE	<b>1</b>
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Prof. N. A. Mohota Incharge

HoD. echnology & Remark 222



#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, Wagholi Pune



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Department of Electronics and Telecommunication



#### (NBA & NAAC Accrediated)





#### Report on Industrial Visit @ GMRT, Khodad

Date: 28th February, 2023

#### Report Consists of activities conducted at GMRT:

- 1. Overview of GMRT station:
- ✓ Visit to Science Project exhibition
- ✓ Visit to Astronomy project exhibition
- ✓ Interaction with the scientists from TIFR Mumbai

#### 2. Organisation Profile:

The Industrial visit was carried out at GMRT on 28<sup>th</sup> February, 2023 for SEM VI and IV Electronics and Telecommunication Engineering Students. Prof. Sneha Dhere, Prof. Poonam Gawde, Prof. Meenakshi Annamalai, Prof. Suchipriya Malge, Prof. Y.S. Behendwar, Prof. Aniket Gunjal along with 107 students visited GMRT.

#### 3. Objective of Visit:

Industrial visit Objectives	Corresponding outcomes COs /PC mapping		
to know practical fundamentals, implementation, functionality, and mechanism of antennas	PO 1, CO5, CO 6, CO7, CO9, CO 10		
the students need as also to get the knowledge of the Radio Telescope, different components involved, hardware software co-design, etc	CO4, CO8, CO 10		

#### 4. Overview of Visit:

JSPM's Bhivarabai Sawant Institute of Technology and Research ,Wagholi (E&TC Dept) had organized an Industrial Visit on 28th February 2023 to GMRT Khodad

The site for GMRT, about 10 km east of Narayangaon town on the Pune-Nasik highway, was selected after an extensive search in many parts of India, considering criteria such as low man-made radio noise, availability of good communication, vicinity of industrial, educational and other infrastructure and, a geographical latitude sufficiently north of the geomagnetic equator in order to have a reasonably quiet ionosphere and yet be able to observe a good part of the southern sky as well.

#### 5. Brief Information about the Visit:

We started travelling from the college campus at 9:30 am by our college bus on 28<sup>th</sup> February 2023 along with our staff coordinators. We reached to the GMRT at 12 pm.

After reaching their students were guided by the staff member towards one of the big antennas. It was great to know that GMRT consists of 30 fully steerable gigantic parabolic dishes of 45m diameter each spread over distances of up to 25 km. After introduction all students were shown the big antenna and were told about how it works and were guided about its various functionalities. The metre wavelength part of the radio spectrum has been particularly chosen for study with GMRT because man-made radio interference is considerably lower in this part of the spectrum in India. Fourteen of the thirty dishes are located more or less randomly in a compact central array in a region of about 1 sq. km.



Figure : Begin journey from campus to GMRT

The GMRT is the largest radio telescope in the whole world and hence has great appeal in astrophysics research. Astronomers from all over the world regularly use this telescope to observe many different astronomical objects such as galaxies, pulsars, supernovae, and sun and solar winds. The visit concluded with an interactive session for the students, where they got an opportunity to interact with the concerned authorities and gain more knowledge. It was a great learning experience for one and all.



Figure: GMRT station along with Prof. Behendwar and students

GMRT consists of 30 fully steerable gigantic parabolic dishes of 45 m diameter each spread over distances of upto 25 km. The number and configuration of the dishes was optimized to meet the principal astrophysical objectives which require sensitivity at high angular resolution as well as ability to image radio emission from diffuse extended regions. 14 of the 30 dishes are located more or less randomly in a compact central array in a region of about 1 sq km. The remaining 16 dishes are spread out along the 3 arms of an approximately 'Y'-shaped configuration over a much larger

region, with the longest interferometric baseline of about 25 km. The large size of the parabolic dishes implies that GMRT will have over three times the collecting area of the Very Large Array (VLA) in New Mexico, USA which consists of 27 antennas of 25 m diameter and is presently the world's largest aperture synthesis telescope operating at centimetre wavelengths. At 327 MHz, GMRT will be about 8 times more sensitive than VLA because of the larger collecting area, higher efficiency of the antennas and a substantially wider usable bandwidth because of the low level of man-made radio interference in India. Apart from the novel low-cost design of the parabolic dishes, the instrument has state-ofthe-art electronics systems developed indigenously and consisting of the following main sub units. • Antenna feeds at 6 different frequency bands between 50 MHz and 1500 MHz, having good polarization characteristics as well as simultaneous multiband operation. • Low-noise amplifiers, local oscillator synthesizers, mixers, IF amplifiers. • Optical fibres linking the entire array with the CEB. These are used both for the telemetry signals and local oscillator phase reference communication between the CEB and each antenna base. • A digital 2,30,000-channel FX-type correlator providing upto 128 spectral channels and covering a maximum bandwidth of 32 MHz



Figure: Students divided into two groups for understanding Sessions

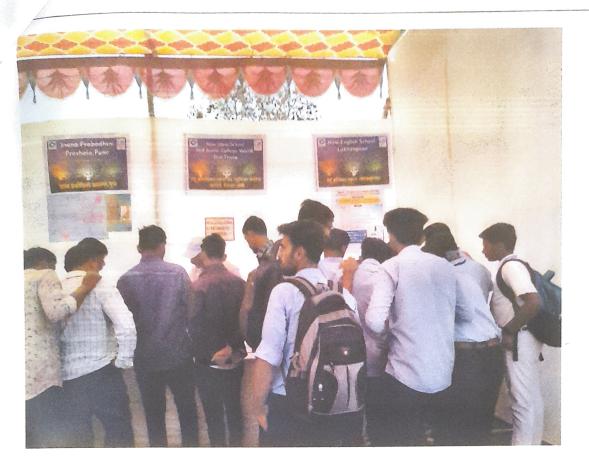


Figure: Students carefully attending the project exhibition.

#### 6. Summary of the Visit:

At the beginning of the visit one faculty of the training centre explained what GMRT exactly is and what are the functions of GMRT. Then after this introductory session all the students were divided into to groups to visit different projects arranged on the occasion of National Science Day 2023.

#### 7. Outcome of Visit:

Students were able to elaborate structure, operation & applications of GMRT

Subject Teacher

Prof. Sneha Dhere

Report Telectronics and Telectronics and

Head of Dept.

Dr. Yogesh Angal

Electronics & Telecommunication Dep Bhivarabai Sawant Institute of Technology & Research

Wagholi, Pune- 412 207



Bhivarabai Sawant Institute of Technology & Research

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

(Approved by AICTE New Delhi, DTE Mumbai & Affliated to Savitribai Phule Pune University)

Accredited with B++ Grade by NAAC

Gat No. 719/1 & 2, Wagholi, Pune-Nagar Road, Pune-412207

Dr. T.K. 1

Ph: 020-067335108, 65217050, 67335100

ME. (Civil Engg), F Telefax: 020-67335100 Website: www.jspm.edu.in / www.bsiotr.org EN 6311 / CEGP-013100

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

Date: 12/05/23

#### NOTICE

All the students of S.E., T.E. and B.E are hereby informed that, the Industrial visit as a part of syllabus is scheduled for 17/05/23 and will be held at Accurate Engineering, Hadapsar, Pune.

College bus will start from campus at 8.45 pm sharp. It is compulsory to all the students to be in College uniform, ID Card and Shoes.

Kindly note that attendance for the industrial visit is compulsory for all students, and failure to attend will result in a deduction of attendance marks.

Prof.P.G.Patil

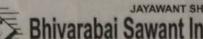
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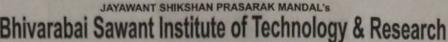
SALWE A.M.

Industrial visit Coordinator

Dr.P.S.Kachare

H.O.D.





(Approved by AICTE New Delhi, DTE Mumbai & Affliated to Savitribai Phule Pune University)

Accredited with B++ Grade by NAAC

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

Date:12/05/23

To.

The Manager

Accurate Engineering

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

Hadapsar, Pune

Respected Sir/madam,

Ours is the Engineering College named Bhivrabai Sawant Institute of Technology and Research, Wagholi of JSPM group. We are having five branches namely Mechanical Engineering, Electrical Engineering, Electronics and Telecommunication Engineering, Computer Engineering and Information and Technology Engineering.

The intake capacity of Mechanical Engineering is 120.In the syllabus of Mechanical Engineering, There are number of visits to industry. Without industrial visit, a student will not become complete Engineer.

The students of Second/Third and Forth year Mechanical would like to visit Accurate Engineering, Hadapsar, Pune. Maximum strength of students is 40.

I request you to please give us permission for the same.

Thanking You.

Prof.Salwe A.M.

Industrial Visit coordinator

Dr.P.S.Kachare

H.O.D.

Dept. of Mechanical Engineering



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

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

Date:12 / 05/2023

To,

The Principal

BSIOTR, Wagholi

Pune,412207

Subject: Regarding the Permission to avail the College bus facility for Industrial visit to Accurate engineering, Hadapsar on 17/05/23.

Respected Sir,

We have received a permission to visit Accurate engineering, Hadapsar. It is around 15 km from our Campus. We are taking the students of SE, TE and BE to the visit along with 2 Faculty members.

I request you to give us a permission to avail college bus facility at 8.40 am for approximately 40 students.

Thanking You.

Industrial visit coordinator

Dr.Kachare P.S.

H.O.D.

पति .

मा चाहतुक विभाग प्रमुख Washada

(संकुल संचालक)

विष्य : बाहन मिळणेवावत

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Prof. Dr. T. J. Sawant B.E. (Elec.) PGDM, Ph.D Founder Secretary Ph: 020-067335108, 65217050, 67335100 Telefax: 020-67335100 Website: www.jspm.edu.in / www.bsiotr.org [EN 6311] / [CEGP-013100] Dr. T.K. Nagaraj
ME. (Civil Engg), Ph.D (Civil Engg)
LMISTE, LMIGS, LMIRC
LMISRMTT, LMIE
Principal

Date: 17/05/2023

# A Report on

#### **Industrial Visit to**

## Accurate gauging & Instument Pvt. Ltd. Calibration Lab, Hadapsar

1.	Day & Date of the Event	Tuesday, 17 May 2023
2.	Subject	Measurement Laboratory
3.	Aim of the Visit	<ol> <li>To provide students a practical understanding of the calibration process.</li> <li>Bridge the gap between theoretical concepts learned in the classroom and their practical application in a real-world setting.</li> <li>Introduce students to industry standards and practices related to calibration.</li> </ol>
4.	Objectives of the Visit	<ol> <li>Observe and understand the step-by-step procedures involved in the calibration of various instruments and equipment.</li> <li>Understand the calibration standards used in the lab and how they contribute to ensuring the accuracy and traceability of measurements.</li> </ol>
5.	Name and Location of the Industry visited:	Accurate gauging & Instument Pvt. Ltd. Calibration

#### **Introduction:**

Accurate Gauging and Instruments was established in 1963. The company provides a range of Metrology products like 3D Coordinate Measuring Machines, Advance Gauging Systems, Measuring machines, services like Third Party Inspection, training on Metrology and QMS software and IIoT for Industry 4.0.etc. They are specialized in Metrology, CMM, Coordinate Measuring Machine,

Measuring Solutions, Industry 4.0, and Industrial Product.

Accurate operates through 4 focused business units to deliver various solutions in the field of Metrology. They manufacture and supply standard as well as customer specific special 3D Coordinate Measuring Machines (CMM) for prismatic parts, body-in-white production lines, measurement of jigs, fixtures and other engineering components. They also have third Party Inspection services and NABL accredited Calibration services. The plant also manufactures Bridge type, Horizontal arm and Gantry type CMMs.

They have a network of 9 regional offices and 7 service centers spread across India. Through these offices they offer a package of measuring services such as Calibration, Third Party Inspection and Turnkey Projects, which includes loading and unloading systems, environmental and CMM Rooms. They have highly skilled and trained manpower capable of meeting any linear measurement solutions.

#### **PlantDetails:**

Plant I: In temperature controlled facility in Plant-I, CMMs are assembled and tested for performance according to stringent International Standards. With skills developed over the last 15 years the machines assembled there are now exported to their prestigious partner's world over. The facility is ISO 9001:2008 Certified.

Plant II: Custom gauging facility at Plant–II caters to design and manufacturing of Automated Multi Gauging Systems, Electronic Air Gauging and special gauging for on-the-shop measuring solutions. With integrated facility from heat treatment, stabilizing to hard chrome plating, the plant is able to offer proven solutions for high volume manufacturing.

Plant III: In Plant-III, they house one of the best facilities for manufacturing Standard Room products, Measuring machines, Calibration masters and high precision steel gauge blocks.

#### **Visit Photographs:**



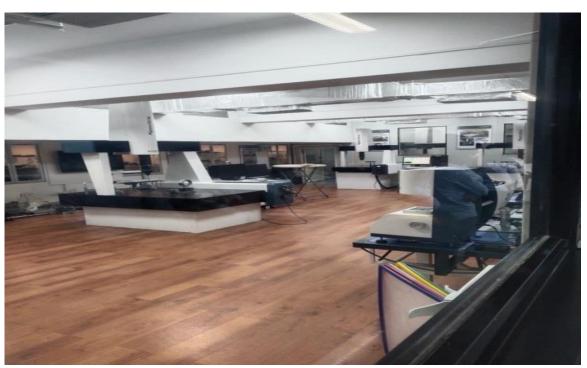
**Starting for the Visit** 



**Engineer of the Company interacting with the Students** 



Engineering guiding the Students with inside the Plant  ${\bf 1}$ 



Inside view of the Plant



Inside view of the Plant 3

Prof. P.G.Patil Subject Teacher

Dr. P.S.Kachare HOD



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

# Bhivarabai Sawant Institute of Technology & Research

Approved by AICTE New Delhi, DTE Mumbal & Affliated to Savitribai Phule Pune University)

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Louis Enggl., Ph. 15-18-2 Leilax

Louis Lou

O7 Dr. T.K. Nagaraj

ME (Civil Engg), Ph.D (Civil Engg)

LMISTE, LMIGS, LMIRC

LMISRMTT, LMIE Principal

Date: 17/05/23

#### ATTENDENCE SHEET

Accurate Gauging & Instruments Put. limited, Hadapsar Place of Visit:

Class	Roll No.	Name	Sign
TE	TAI	BAWASKAR ABHISHEK VIJAY	Ablithels
TE	TA2	BENGAL PRATIK KESHAV	Pariles
TE	TA3	CHAVAN ABHISHEK YUVRAJ	A. V. Chovan.
TE	TA4	DALVI SAGAR SANJAY	Zenh
TE	TA5	DARWATKAR SAHIL SANJAY	Eahel
TE	TA6	DAUNDKAR DINESH SANTOSH	1850
TE	TA7	DHAMDHERE MAKRAND SANJAY	Dehemedher.
TE	TA8	DHAME PRANAV RAMDAS	Dran
TE	TA9	GAIKWAD PRANALI NARAYAN	P. Weakwad
TE	TA10	GAVHANE SAURABH CHHABULAL	Gansare
TE	TAIL	HIRE TANMAY SANJAY	Three
TE	TA12	IDALGAVE VIKAS RAJKUMAR	
TE	TA13	KODLINGE SANKET BABANRAO	Bambeel .
TE	TA14	KOGADE RUSHIKESH GAJANAN	R. Kogade
TE	TAIS	KULAL SUPRIYA SANDIP	KWas
TE	1716	KUMBITAR CHUTAN SANJAY	&2
TE	1 1A17	KUMBHAR MANTHAN SUNIL	Monthy
TE	TA18	LOKHANDE ABHISHEK SUBHASH	Apolarase
TE	TA20	MASKARE BRAMHA YASHWANT	Bramha
TE	TA21	NALKANDE BHUSHAN SANDEEP	
TE	1A22	PATOLE BAJRANG BABRUWAN	Saying
TE	TA24	PAWAR KRUSHNA BALU	(I)
TE	TA25	PAWAR SHRIHARI GOVIND	- Annhard

TE	TA26	RANDINE ABHISHEK PRABHAKAR	
	1/1/27		
TE		RUKE BHUSHAN MOHAN	B.P
TE	TA28	SAGAR ARJUN MAHADEV	Asin
TE	TA29	SALVE TEJAS SOPAN	T. S. Sqlue
TE	TA31	SHINDE ROHAN HANUMANT	& chan_
TE	TA32	SHINDE SUMIT MANIK	Sunst
TE	TA33	SHIRKE CHAITANY DATTATRAY	Chestnery
TE	TA34	TAWARE KANTILAL RAMCHANDRA	Donnet.
TE	TA35	WAGHMARE AMRUTA DATTATRAY	AM
TE	TA36	WALUNJ PRASAD BALASAHEB	Walny
TE	TA37	ZAWARE RUSHIKESH JALINDAR	Zawae
TE	TA 38	SHINDE AJINKYA RAMDAS	a ABSENT -
TE	TB2	ANNALDAS NEHARIKA JAGDISH	N. J. Annaldas
TE	TB3	AUTI SAURABH SANJEEV	SS Auti
1E	TB4	BANKAR SAURABH HANUMANT	SBankar
TE	TB5	BARDE PREM LAXMANRAO	Prem
TE	TB6	BHARNE KALPATARU VITTHAL	Kalpatabu.
TE	1137	BIRADAR BRAMHANAND DILIPRAO	Banka
TE	TB8	CHAKRANARAYAN SANDESH SAKHARAM	Sandesh
TE	TB9	DAREKAR MAYUR DADASAHEB	Danetras
TE	TB10	DESHMUKH SHUBHAM SURESH	Deshes.
TE	TB11	DHORE YASH NITIN	yush
TE	TB12	GHANSAVANT ABHIJEET BALAJI	Athreet
TE	1B13	HINGE KOMAL SHIVAJI	Komal
TE	TB16	KALSEKAR VIVEK NETAJI	John John John John John John John John
TE	TB17	KAWTIKWAR RUSHIKESH DILIP	Resid
TE	TB18	KHANDAGALE ABHISHEK RAJESH	Ab hishele
TE	TB19	KHOPDE VAIBHAV SANJAY	THE RESIDENCE OF
TE	TB20	KULKARNI ATHARV ARVIND	
TE	TB21	LENDAL ASHWINI KESHAV	Alender
TE	TB22	MALAVKAR AJINKYA SHIVAJI	
TE	TB24	MODHAVE VAISHNAVI GANESH	
TE	TB27	NIKAM KIRAN RAMCHANDRA	Kiran.

TE	1B30	PATIL PUNDLIK IRAPPA	Potal
TE	TB33	RAMTEKE SUYASH BHAGWANT	Swynshi
TE	TB34	REGADE SANDHYARANI SADASHIV	Sandhya
TE	TB35	SATPUTE ROSHAN VISHNU	
TE	TB37	SHERIKAR SIDHALINGREDDY NAGAREDDY	3 NShar
TE	TB38	SURYAWANSHI NILAM ANKUSH	
TE	TB39	WAGASKAR KUNAL SUNIL	KSwygher
TE	TB40	WAGH ANIKET SOMNATH	
TE	TB41	WAKADE AVINASH BABASAHEB	Avingh would
TE	TB42	WARADE SOHAM SAKHARAM	
TE	TB43	ZURUNGE SAURABH SANTOSH	Surreye

Subject Incharge



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Bhivarabai Sawant Institute of Technology & Research

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

Prof. Dr. T. J. Sawant B.E. (Elec.) PGDM, Ph.D Founder Secretary Accredited with B++ Grade by NAAC
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Gat No. 719/1 & 2, Wagholi, Pune-Nagar Road, Pune-412207
Ph: 020-067335108, 65217050, 67335100
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Website: www.jspm.edu.in / www.bsiotr.org
[EN 6311] / [CEGP-013100]

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

Ref. JSPM/BSIOTR/MECH/2022-23/ \\7

Date: 13/03/2023

## **Mechanical Engineering Department**

To, The Water Supply Engineer, Wagholi, Pumping Station, Wagholi, Pune 412207

Respected Sir,

Ours is the Engineering College named JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune. We are having five branches namely Mechanical Engineering, Electrical Engineering, Electronics and Telecommunication Engineering, Computer Engineering and Information and Technology Engineering.

The intake capacity of Mechanical Engineering is 120. In the syllabus of Mechanical Engineering, there are few industrial visits. Without industrial visit, a student will not become a complete Engineer.

The students of Second year Mechanical Engineering have a compulsory industry visit for subject Fluid Mechanics. We would like to visit to your Water Supply Plant. Maximum strength of students will be 60.

I request you to please give us permission and communicate your convenient date for the same.

Thanking You.

Regards,

Mr. P. G. Patil Subject In charge 9860731617

Mrs. A. M. Salwe Visit Coordinator 9881761366

Dr. P. S. Kachare HOD Mechanical

Department of Mechanical Bhivarabai Sawant Institute of Technology & Research Wagholi, Puna-412 207.

तपासले वरोवर आहे



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

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LMISRMTT, LMIE
Principal

Ref. JSPM/BSIOTR/MECH/2022-23/

rof. Dr. T. J. Sawant

B.E. (Elec.) PGDM, Ph.D Founder Secretary

Date: 17/03/2023

# **Mechanical Engineering Department**

# **Notice**

All the students of SE, TE & BE of Mechanical Engineering are here by informed that Industrial Visit is arranged at Wagholi Pumping Station, Wagholi, on 21/03/2023 at 9:30 am of or subject Fluid Mechanics & Energy Engineering. All must be in proper uniform and have college I Cards. Be present at 8:30 am in Department on 21st March 2023.

Dr. A.G. Patil EE Subject Teacher 9689922636 Mr. P. G. Patil FM Subject Teacher 9860731617 Mrs. A. M. Salwe Visit Coordinator 9881761366 Dr. P. S. Kachare HOD Mechanical

#### INDUSTRIAL VISIT REPORT

Title:Industrial Visit

Objectives: To study working of Water pumping station.

IMPORTANT INFORMATIONS REGARDING THE INDUSTRIAL VISIT

Nameof Industry/CentreVisited:Wagholi Grameen Pani Puravatha Yojana,Wagholi

Resourcepersonofthe company

Contact Number

: 9923260505 Mr. Sharad Kale saheb

BackgroundoftheCompany/Industry/Centre Visited:

Water Filtration Plant

Name of Resource Person to initiate communication with the company:

Prof.P.G.Patil & Prof.AnushriSalwe, Asst.Professor in Mechanical Engineering Department.

#### Name(s)ofApprovingAuthority:

3) Prof. (Dr.) T.K.Nagaraj, Principal, BSIOTR Wagholi.

4) Prof. Dr. P.S.Kachare, HOD (Mech) BSIOTR Wagholi

DateofcommunicationforseekingpermissionforIndustrialVisit:.

Mode of communication : Via Email (Teleph.communication).

Date of visit : 21 March 2023

Students details : Final Year Student of Mechanical (DivA&B)

Total Strength : 60

## OBJECTIVES/BENEFITSOFVISITTOSTUDENTSAND COLLEGE

Understanding the Modes of filtration.

#### DETAILSOFINDUSTRIALVISIT

The department of Mechanical Engineeringof JSPM'S BSIOTR, Wagholi organized one day Industrial visit to Wagholi Grameen Pani Puravatha Yojana, Wagholi on 21March., 2023 for Final year student's of Mechanical. The visit was organized with the prior permission and guidance of Hon. Principal Dr. T.K.Nagaraj and HOD of Mechanical Engineering Department Prof.Dr.P.S.Kachare.

Final year student of Mechanical (Div A & B) along with faculty & staff members. Prof.Arun.G.Patil & Prof.P.G.Patil attended the industrial visit which started at 10.30a.m. & concluded at 12.30 p.m.

#### TECHNICALDISCUSSIONSDURINGTHEINDUSTRIALVISIT/OUTCOME

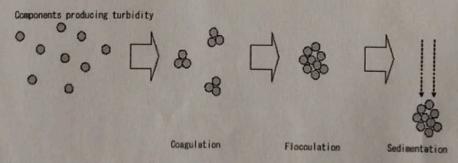
6) Aeriation: Aeration is the process of adding air into wastewater to allow aerobic biodegradation of the organic materials. The principal secondary treatment techniques used are the trickling filter and the activated sludge process and are often classified as fixed-film or suspended-growth systems

#### Photographs:

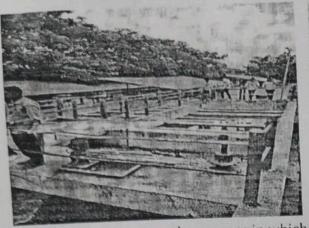


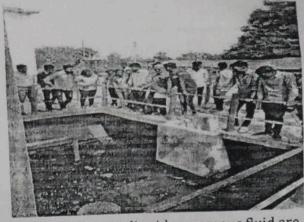


7) Cogulation:-The coagulation process involves adding iron or aluminum salts, such as aluminum sulphate, ferric sulphate, ferric chloride or polymers, to the water. These chemicals are called coagulants, and have a positive charge. The positive charge of the coagulant neutralizes the negative charge of dissolved and suspended particles in the water. When this reaction occurs, the particles bind together, or coagulate (this process is sometimes also called flocculation). The larger particles, or floc, are heavy and quickly settle to the bottom of the water supply. This settling process is called sedimentation. The following diagram illustrates the basic reactions and processes that occur during coagulation.



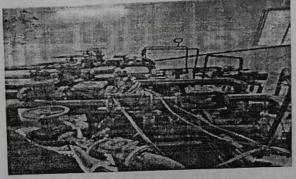
- 8) **Flocculation:**-Flocculation is a process by which a chemical coagulant added to the water acts to facilitate bonding between particles, creating larger aggregates which are easier to separate. The method is widely used in water treatment plants and can also be applied to sample processing for monitoring applications.
- 9) Sedimentation:- is the process of allowing particles in suspension in water to settle out of the suspension under the effect of gravity. The particles that settle out from the suspension become sediment, and in water treatment is known as sludge



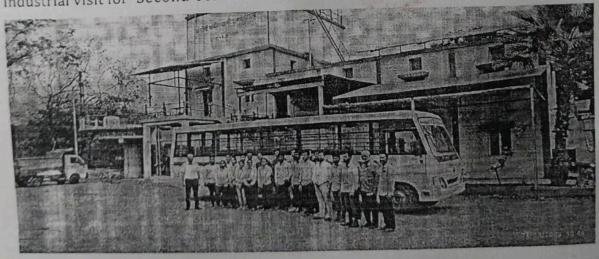


5) Filtration:-filtration, the process in which solid particles in a liquid or gaseous fluid are removed by the use of a filter medium that permits the fluid to pass through but retains the solid particles. Either the clarified fluid or the solid particles removed from the fluid may be the desired product.





Significance:-To introduce such a technology to provide students an insight regarding internal working of water pumping station and water purification processfor solving industrial problems and encourage them for finding new challenges in industries, Mechanical Engineering Department organized an Industrial visit for Second Year students.



Wagholi Grameen Pani Puravatha Yojana, Wagholi on 21 March., 2023

Prof. P.G.Patil Subject Teacher

Prof. A.M.Salave Visit Coordinator Prof. P.S.Kachare HOD



Prof Dr T J Sawant BE (Elec.) PGDM, Ph.D

Founder Secretary

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ME. (Civil Engg), Ph

LMISTE, LMIG

LMISTE, LMIG

EN 6311 / CEGP-013100

Dr. T.K. Nagaraj

ME. (Civil Engg), Ph.D (Civil Engg)

LMISTE, LMIGS, LMIRC

LMISRMTT, LMIE Principal

Date: 21/03/23

#### ATTENDENCE SHEET

Pumping Station, Wagholi Place of Visit:

Class	Roll No.	Name	Sign
BE	BA1	ASHISH KAILAS BHUTE	AKKAK
BE	BA2	BAIKARE GANESH UTTAM	Geneshus
BE	BA3	BALAJI DATTATRAY PAWAR	6 Pau
BE	BA4	CHAUDHARI VRUSHALI NANA	Chardhro
BE	BA5	CHAVAN JAY SHRIDHAR	Snychern
BE	BA6	CHINTALGHAT SHUBHAM SAINATH	Lasham.
BE	BA7	DHIRAJ PANDHARINATH JADHAV	Po.
BE	BA9	GOTE DIPALI NAMDEV	Cyotes
BE	BA10	HARSHAD CHANDRAKANT KOHINKAR	
BE	BAII	KUMBHAR OMKAR SANJAY	Kambher.
BE	BA12	KUNAL SHRIMANT VADMARE	
BE	BA13	KUNDAN YUVRAJ PARADE	Kurdal
EE	BA14	NAWAL AKASH ADINATH	Ak
BE	BA15	NIHAL FAIYAZ SAYYAD	Mihon.
BE	BA16	PATIL JAY SANJAY	
BE	BA17	PRANAV PRAMOD KHULPE	P.P. Khulpa
BE	BA18	PURVA VIJAY AWALE	N. Alam
BE	BA19	RAJASHREE NAMDEV GOTE	el gut
BE	BA20	RUCHIKA KRUSHNAT WAYKAR	Vel.
BE	BA21	RUSHIKESH SHUBHASH SHINDE	PF'
BE	BA22	SAKSHI SANTOSH KHEDKAR	SOVEH
BE	BA23	SANKET PANDURANG PATIL	/ NPSM
BE	BA24	SANKPAL SHREYAS BALASAHEB	85.

-	-		
BE	BA25	UMESH RAMESH PAWAR	aulup
BE	BA26	VIVEK KESHAV SONAWANE	undent.
BE	BA27	KARGAL RAJENDRA VITTHAL	myn:
BE	BA28	SATISH BALAJI BATTALWAR	Bah
BE	BA30	SUDE YASH RAVI	Jush
BE	BA31	SHENDEKAR SHASHIKANT	+1
BE	BA32	MULE ANANTA PRABHAKAR	Anewton.
BE	BA33	DHAGE SANKET KAILAS	Sault
BE	BA34	RUSHIKESH BABASAHEB CHAVAN	RBehaven
BE	BA35	ADHAV ASHITOSH RAOSAHEB	AdherA
BE	BA36	ATKARE SHIVSHANKAR PANDIT	to The
BE	BA37	BHALERAO ANIKET HANUMANT	the las
BE	BA38	CHATE CHANDRAKANT VISHNU	kul.
BE	BA39	GAIKWAD SHANTANU PRADEEP	
BE	BA40	GORE RUSHIKESH RAVINDRA	Frankhu
BE	BA41	MALEWADI SWAPNIL SURYAKANT	Rushi
BE	BA42	RUPESH SOMNATH FARAD	- Jan-
BE	BA43	SAWANT ROHAN VIJAY	8888
BE	BA44	SHELAR ANIKET ANAND	Kivsanant
BE	BA45	SHINDE ABHIJEET RAJENDRA	
BE	BA46	SANKET GADILKAR	Sainde
BE	BA47	KHUNE RUSHIKESH HARIDAS	10.1
BE	BA48	SHREYAS SANTOSH JOSHI	204
BE	BA49	CHOUDHARY SATYAM DILIP	Kautu'
BE	BA50	BARGE MAHESH DATTATRAYA	for.
BE	BA52	DHUMAL SHUBHAM MAHARUDRA	
BE	BA53	HARGUDE HRUSHIKESH LAXMAN	1 dur
BE	BA54	HARISH ANIL KORE	E A
BE	BA55	JAGTAP GAURAV DATTATRAY	1200
BE	BA56	KALOKHE SWAPNIL SANJAY	Taxan,
BE	BA57	LOKHANDE AJIT NAVANATH	LOBO,
BE	BA58	VISHWASRAO NIRAJ DINESH	Lethanh
BE	BBI	ADMANE SANKET MURLIDHAR	May
		MOREIDHAR	April

			TZA,
BE	BB3	ASIF BILAL SHAIKH	2 1
BE	BB4	BHALKE AMAR MALLESH	But.
BE	BB5	BHANDARE SURAJ JALINDAR	Bherdare
BE	BB6	BHOJANE AJINKYA GANPAT	the.
BE	BB7	BODKHE ADITYA RAMESH	Dorme
BE	BB8	BODKHE ASHISH RAMESH	fue-
BE	BB9	CHAVAN AMRUTA BAJIRAO	Maran.
BE	BBIO	CHAVAN HARSHAL HANUMANT	Churt.
BE	BB11	CHAVAN SAINATH CHAMPAT	JAMI
BE	BB12	CHAVHAN DEVANAND KASHIRAM	
BE	BB13	DALAVI UMESH VIKRAM	UNDalvi
BE	BB14	DEVARE SAURABH PRAKASH	Devre
BE	BB15	DHAGE ADESH SUBHASH	July
BE	BB16	GADAMWAD SUVARNA LAXMAN	8 mgs
BE	BB17	GAIKWAD RUSHIKESH ABHIMAN	Redor
BE	BB18	GAWAI TRUPTI SHRIPAT	Franci
BE	BB20	GHUMARE MEGHRAJ ANANDRAO	Thirty
BE	BB21	GONBARE AKSHAY SANTOSH	Akartu
BE	BB22	JADHAV SNEHAL SHAHAJI	July -
BE	BB23	JAGTAP SOMESH SAHEBRAO	Bowen
BE	BB24	JOGI MANGESH MITHARAM	ZMM
BE	BB25	JOSHI PRATEEK PRAVEEN	P-10
BE	BB26	KAHAR AKASH VIJAY	1350C
BE	BB27	KAMBLE SAURABH SOMNATH	Kanle
BE	BB28	KAMBLE SWAPNIL PRAKASH	Don
BE	BB29	KOKATE SHUBHAM RAJABHAU	DO.
BE	BB30	KOLI ANNAPURNA HANUMANT	delle.
BE	BB31	KORADE SANJAY GORAKSHNATH	There.
BE	BB32	KUTEMATE HARSHAL SHAMSUNDAR	July .
BE	BB33	LANDGE ROHIT SATISH	1 in Sol
BE	BB35	MARATHE VISHAKHA GANESH	Constant of the second
BE	BB36	NITNAWARE SUMED KAILAS	Chanesin
BE	BB38	PARKALE ABHISHEK VILAS	Carri

-			
BE	BB41	PAWAR GAUTAM PRAKASH	Parere
BE	BB42	RATHOD SUNIL ACHYUT	0.112
BE	BB43	SHINDE DAMINI MADHAV	Days.
BE	BB44	SHINDE PRANTIK RAMESH	An I
BE	BB45	WALASE SHUBHAM DASHRATH	Part.
BE	BB46	SONONE VAIBHAV GAJANAN	1000
BE	BB47	SURYAWANSHI SHRADHA JIVAN	Survivash
BE	BB48	SURYAWANSHI VRUSHALI ANKUSH	Swort Alas
BE	BB49	SWAMI RANI BASVESHWAR	No year
BE	BB50	TARKASE DIKSHA MAHADEV	Kan
BE	BB53	UPARE SHUBHAM VIJAY	Olketri.
BE	BB54	WAGHMARE ANIKET RAM	Shilehal pale
BE	BB55	MAGHADE ROHIT SURESH	ANKE
BE	BB56	AWARE SHEWATA KIRAN	Que.
BE	BB57	JAY RAMKRISHNA PATIL	SA
BE	BB58	AMBEKAR ONKAR SUHAS	Rampai
BE	BB59	BARGAL TEJASVI NAKARAM	Onker
BE	BB60	BET ABHISHEK ANAND	2 and
BE	BB62	A CONTRACTOR OF THE PARTY OF TH	ABTEL
BE .	BB63	GADE RUPESH BALASAHEB	Crade.
BE		PATIL AJAY TANAJI	ATTY
	BB64	PATIL RUTIK NARESH	Vality
E	BB65	TANVAR DIPAK SAKRU	and
E	BB66	ZAGADE SURAJ BALAJI	1 dans
E	BB67	WAGHMARE SHRADDHA SURESH	they !
E	BB68	WALKE ANAND BALASAHEB	VIII KI
E	BB69	YADAV YASH SANTOSH	Nash
E	BB70	KIRAN SHANKAR PARBAT	French.
E	BBTI	MANGESH DAGADU DALAVI	July.

Subject Incharge

JAYAWANT SHIKSHAN PRASARAK MANDAL'S



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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

Date: 21/03/23

#### ATTENDENCE SHEET

Pumping Station, Wagholi Place of Visit:

Class	Roll No.	Name	Sign
SE	SAI	RAKTATE TEJAS RAJENDRA	Nexo2
SE	SA2	SHINDE GANESH BHASKAR	(ovi) inde
SE	SA3	SAVLE VIRAJ BHIVA	UE
SE	SA4	INGLE BADAL SUNIL	200 mles
SE	SA5	MORE PRATIKSHA BALASO	Paraces
SE	SA6	UKIRDE VINDALI ANANT	fank
SE	SA7	MALI KIRAN RAMESH	Poals
SE	SA8	BARAWKAR PRANAV SONTOSH	Banwkar
SE	SA9	CHAVHAN PRACHI SURESH	Bankons
SE	SA10	CHOGALE CHINMAY PARSHURAM	Chogulech
SE	SA11	KHAIRMODE SOMESH MUKUND	· Oment
SE	SA12	BHONDAVE PRATHMESH LAXMAN	
SE	SA13	SATPUTE NILESH VITTHAL	- ABSENT -
SE	SA14	CHAVAN AJAY VILAS	101-
SE	SA15	NAVSUPE VIJAY RAMESH	Vand
SE	SA16	GAIKWAD VAIBHAV SIDDHARAM	(-1) -0111-
SE	SA17	CHOUDHARI MAYUR ANANT	Crisewallk
SE	SA18	PHADATARE YASHRAJ ASHOK	Mayer
SE	SA19	KAWALE ADITYARAJ CHANDRASHEKHAR	1 agents

ubject Incharge

Prof. Dr. T. J. Sawant BE (Elec.) PGDM. Ph D Founder Secretary

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T. J. Sawant

T. J. Sawant

October 1 Telefax: 020-67335100

: www.jspm.edu.in / www.bsiotr.org [EN 6311] / CEGP-013100

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

Date: 7/03/2023

To.

The Head,

Sai Service station

Wagholi, Pune

Respected Sir,

Ours is the Engineering College named Bhivrabai Sawant Institute of Technology and Research, Wagholi of JSPM group. We are having five branches namely Mechanical Engineering, Electrical Engineering, Electronics and Telecommunication Engineering, Computer Engineering and Information and Technology Engineering.

The intake capacity of Mechanical Engineering is 120.In the syllabus of Mechanical Engineering, There are number of visits to industry. Without industrial visit, a student will not become complete Engineer.

The students of Second year Mechanical have a compulsory visit to Automobile service station as per Syllabus of SPPU ,Pune.We would like to visit to your plant .Maximum strength of students would be 40.

I request you to please give us permission and communicate your convenient date for the same.

Our convenient date is 27/03/2023.

Thanking You.

Prof.Salwe A.M.

Subject Incharge

Jong Corners

at 0.30 pm

Dr.P.S.Kachare

H.O.D.

JAYAWANT SHIKSHAN PRASARAK MANDAL'S



Prof. Dr. T. J. Sawant

B.E. (Elec.) PGDM, Ph.D Founder Secretary

# Shivarabai Sawant Institute of Technology & Research

(Approved by AICTE New Delhi, DTE Mumbai & Affliated to Savitribai Phule Pune University
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EN 6311 / CEGP-013100

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

Date: 23/03/23

#### NOTICE

All the students of S.E., T.E. and B.E are hereby informed that, the Industrial visit is scheduled for 27/03/23 and will be held at Sai Service station, Wagholi for the Subject Applied Thermodynamics and Fluid power and Control Laboratory. College bus will start from campus at 1.45 pm sharp. Regular lectures will takes place upto 12.45 p.m. .Please wear College uniform, ID Card and Shoes.

During this visit, you will have the opportunity to interact with industry professionals and ask them any questions you may have. We encourage you to make the use of this opportunity and engage with the professionals to gain as much knowledge as possible.

Please note that attendance for the industrial visit is compulsory for all students, and failure to attend will result in a deduction of attendance marks.

SALWE A.M.

Internship Coordinator

SALWE A.M.
Subject Incharge

Dr.P.S.Kachare

H.O.D.

HOD

Department of Mechanical Bhivarabai Sawant Institute Technology & Rosearch Wagholi, Pune- 412 207.

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

Founder Secretary

JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Bhivarabai Sawant Institute of Technology & Research (Approved by AICTE New Delhi, DTE Mumbal & Affliated to Savitribai Phule Pune University)

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

Date:23/03/2023

To,

The Principal

BSIOTR, Wagholi.

Pune,412207

Subject: Regarding the Permission to avail the College bus facility for Industrial visit on 27/03/23.

Respected Sir,

We have received a permission to visit Sai Service station, Wagholi. It is around 7 km from our Campus. We are taking the students of SE, TE and BE to the visit along with 2 Faculty members.

I request you to give us a permission to avail college bus facility at 1.45 am for approximately 40 students.

Thanking You.

Salwe .A.M.

Industrial visit coordinator

Dr. Kachare P.S.

H.O.D.

HOD

Department of Mechanical Bhivarabai Sawant Institute Technology & Research Wagholi, Pune- 412 207.

Forwarded to Campus Director

for consideration please

25/3/23

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

Telefax: 020-67335100

Website: www.jspm.edu.in / www.bsiotr.org
[EN 6311] / CEGP-013100

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

# **Department of Mechanical Engineering**

# A Report on

# Industrial Visit to Sai Service Station at Wagholi, Pune

Date of the visit:	27/03/2023	
Subject:	Applied Thermodynamics and FPCL	
Aim of the Visit:	1. The visit aims to bridge the gap between theoretical knowledge gained in the classroom and the real-world application of concepts in the automotive industry with the main emphasis on IC engine.	
Objectives of the Visit:	<ol> <li>Understanding Routine Operations performed in Automobile Service station.</li> <li>To understand tools used in Automobile Service station.</li> <li>Observing Maintenance and Repair Processes of Automobiles.</li> <li>Exposure to Advanced Technologies used in Service station.</li> <li>Promoting Safety and Environmental Awareness on the shop floor.</li> <li>To understand various automotive repair and maintenance tasks conducted at automobile service stations using Hydraulics and Pneumatics.</li> </ol>	
Name and Location of the	Sai Service Station, Gat No.2406, off Pune Nagar road, Near Wagheshwar Temple, Wagholi 412207	
Industry visited:	1 /	

#### Introduction:

A service station is a place where in addition to care of the motor vehicle like mechanical service and minor repairs, petrol is supplied, cars are lubricated, and cleaned, washed and other types of simpler services that are required daily are performed. In general it includes a number of sections like garage general it includes a number of sections like garage general service, mechanical service, major repair shop, tire shop, paint shop, body shop.

#### Service station equipment:

A large number of different types of equipment are used in a garage or service station for carrying out different types of repair works. Different types of equipment are required to cope up with the wide variety of work to be done are:

Special equipment available at service station are:

#### 1. Air Compressor



- 2. Lifting tackles (a) Hydraulic jack (b) Car lift
- 3. Wheel balancer
- 4. Tyre remover
- 5. Brake shoe lining riveting machine
- 6. High pressure grease gun.
- 7. Wheel alignment gauges

#### Special equipment used in engine repair:

- 1. Crankshaft grinding machine
- 2. Cylinder head surface grinding machine
- 3. Line boring machine 4. Connecting rod big end bearing boring machine
- 5. Camshaft grinding machine
- 6. Valve refacer machine
- 7. Hydraulic press
- 8. Cylinder boring machine
- 10. Connecting rod rabbiting jig

#### Special equipment used for compression engines:

- 1. Bench nozzle testing and cleaning equipment
- 2. Fuel injector tester
- 3. Fuel pump tester
- 4. Nozzle and needle grinding and lapping machines.

#### **Photographs of the Visit:**



Students Starting for the Visit



Service Engineer explaining Engine to the Students



A Group Photograph on the Shop Floor



Mr. Chandrakant from Sai Service Station explaining overall servicing procedure of Car to the Students



Service Engineer explaining the details of the Car

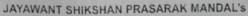


Prof. Salwe A.M.

Subject Incharge & Visit Coordinator

Dr. P.S. Kachare

H. O. D.





Prof. Dr. 1 J. Sawant BE (Elec ) PGDM Ph D Founder Securitary

# Bhivarabai Sawant Institute of Technology & Research

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719 1 & 2 Waghon Pune Nagar Road, Pune 412207
Ph. U20 U6 335106 652176 07335100
Telefax: 020 67335100
Website www.jspm.edu.in. www.bsiotrorg
EN 6311 | CEGP-013100| Principal

Date: 27/03/23

#### ATTENDENCE SHEET

Place of Visit: Sai Service Station, Wagholi

Class	Roll No.	Name	Sign
TE	TAI	BAWASKAR ABHISHEK VIJAY	Abhishels
TE	TA2	BENGAL PRATIK KESHAV	Pacies
TE	TA3	CHAVAN ABHISHEK YUVRAJ	A.Y. charan
TE	TA4	DALVI SAGAR SANJAY	Usal
TE	TA5	DARWATKAR SAHIL SANJAY	Suhil
TE	TA6	DAUNDKAR DINESH SANTOSH	1890
TE	TA7	DHAMDHERE MAKRAND SANJAY	Dothamathere
TE	TA8	DHAME PRANAV RAMDAS	Pohone
TE	TA9	GAIKWAD PRANALI NARAYAN	Behavenad
TE	TA10	GAVHANE SAURABH CHHABULAL	Oeuras
TE	TAIL	HIRE FANMAY SANJAY	Shore
TE	TA12	IDALGAVE VIKAS RAJKUMAR	
TE	TA13	KODLINGE SANKET BABANRAO	Canlast_
TE	TA14	KOGADE RUSHIKESH GAJANAN	Risognale
TE	TA15	KULAL SUPRIYA SANDIP	Knleis
TE	TA16	KUMBHAR CHETAN SANJAY	<b>&amp;</b>
TE	1A17	KUMBHAR MANTHAN SUNIL	Mouth
TE	TA18	LOKHANDE ABHISHEK SUBHASH	Alokhando
TE	TA20	MASKARE BRAMHA YASHWANT	Bramha
TE	TA21	NALKANDE BHUSHAN SANDEEP	Bhashan
TE	TA22	PATOLE BAJRANG BABRUWAN	Banan
TE	TA24	PAWAR KRUSHNA BALU	Q.
TE	TA25	PAWAR SHRIHARI GOVIND	Anthon

TE	TA26	RANDIVE ABHISHEK PRABHAKAR	
TE	TA27	RUKE BHUSHAN MOHAN	38
TE	TA28	SAGAR ARJUN MAHADEV	Anus
TE	TA29	SALVE TEJAS SOPAN	T.S. salve
TE	TA31	SHINDE ROHAN HANUMANT	Rohans
TE	TA32	SHINDE SUMIT MANIK	Samoy
TE	TA33	SHIRKE CHAITANY DATTATRAY	disturan
TE	TA34	TAWARE KANTILAL RAMCHANDRA	Towns
TE	TA35	WAGHMARE AMRUTA DATTATRAY	NO
TE	TA36	WALUNI PRASAD BALASAHEB	nahmij
TE	TA37	ZAWARE RUSHIKESH JALINDAR	3aure
TE	TA 38	SHINDE AJINKYA RAMDAS	- ABSENT -
TE	TB2	ANNALDAS NEHARIKA JAGDISH	N.J. Annadas
TE	TB3	AUTI SAURABH SANJEEV	SS Auti
TE	1134	BANKAR SAURABII HANUMANT	8Banka 8
TE	TB5	BARDE PREM LAXMANRAO	Press
TE	TB6	BHARNE KALPATARU VITTHAL	Kalpatarón.
TE	TB7	BIRADAR BRAMHANAND DILIPRAO	Bhome
TE	188	CHAKRANARAYAN SANDESH SAKHARAM	ABSENT-
TE	TB9	DARLKAR MAYUR DADASAHEB	Darekar
TE	TB10	DESHMUKH SHUBHAM SURESH	Deshas
TE	TB11	DHORE YASH NITIN	yash
TE	TB12	GHANSAVANT ABHIJEET BALAJI	Abriject
TE	1B13	HINGE KOMAL SHIVAJI	Komal
TE	TB16	KALSEKAR VIVEK NETAJI	in
TE	TB17	KAWTIKWAR RUSHIKESH DILIP	001.4
TE	TB18	KHANDAGALE ABHISHEK RAJESH	Abhishek
TE	TB19	KHOPDE VAIBHAV SANJAY	THE SHEET
TE	TB20	KULKARNI ATHARV ARVIND	
TE	TB21	LENDAL ASHWINI KESHAV	Alendal
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TE	TB24	MODHAVE VAISHNAVI GANESH	"Dinky a
Barrier Street			

TE	TB30	PATIL PUNDLIK IRAPPA	Patril
1E	TB33	RAMTEKE SUYASH BHAGWANT	Swalk
TE	TB34	REGADE SANDHYARANI SADASHIV	Sandhya
TE	TB35	SATPUTE ROSHAN VISHNU	
TE	TB37	SHERIKAR SIDHALINGREDDY NAGAREDDY	MAN BUSINE
TE	TB38	SURYAWANSHI NILAM ANKUSH	
TE -	1B39	WAGASKAR KUNAL SUNIL	Kewazaekae
ΓE	TB40	WAGH ANIKET SOMNATH	
TE	TB41	WAKADE AVINASH BABASAHEB	aviush wakde
TE	TB42	WARADE SOHAM SAKHARAM	
TE	TB43	ZURUNGE SAURABH SANTOSH	Suringe

Salve A.M

Subject Incharge

JAYAWANT SHIKSHAN PRASARAK MANDAL'S



Prof. Dr. T. J. Sawant

B.E. (Elec.) PGDM, Ph.D.

Founder Secretary

te of Technology & Research (Approved by AICTE New Delhi, DTE Mumbai & Affliated to Savitribai Phule Pune University)

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Website: www.jspm.edu.in/ www.bsiotr.org EN 6311 | CEGP-013100

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

Date: 27/03/23

#### ATTENDENCE SHEET

Sai Service Stution Wagholi Place of Visit:

Class	Roll No.	Name	Sign
E	SAI	RAKTATE TEJAS RAJENDRA	1 exas
E	SA2	SHINDE GANESH BHASKAR	Commile
E	SA3	SAVLE VIRAJ BHIVA	A CONTRACTOR OF THE PARTY OF TH
SE	SA4	INGLE BADAL SUNIL	Barge
SE	SA5	MORE PRATIKSHA BALASO	harrow
SE	SA6	UKIRDE VINDALI ANANT	14.
SE	SA7	MALI KIRAN RAMESH	Paol
SE	SA8	BARAWKAR PRANAV SONTOSH	Farhwhar .
SE	SA9	CHAVHAN PRACHI SURESH	100
SE	SA10	CHOGALE CHINMAY PARSHURAM	chog alech
SE	SA11	KHAIRMODE SOMESH MUKUND	Comestic
SE	SA12	BHONDAVE PRATHMESH LAXMAN	
SE	SA13	SATPUTE NILESH VITTHAL	Salma
SE	SA14	CHAVAN AJAY VILAS	(A)
SE	SA15	NAVSUPE VIJAY RAMESH	Vizar
SE	SA16	GAIKWAD VAIBHAV SIDDHARAM	GuikwadMA
SE	SA17	CHOUDHARI MAYUR ANANT	Myns.
SE	SA18	PHADATARE YASHRAJ ASHOK	Velson.
-	SA19	KAWALE ADITYARAJ CHANDRASHEKHAR	125-41

Subject Incharge



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

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

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

Date: 20/04/23

#### NOTICE

All the students of S.E., T.E. and B.E are hereby informed that, the Industrial visit under MESA is scheduled for 25/04/23 and will be held Science park. College bus will start from campus at 8.30 am sharp.Be present with College uniform, ID Card and Shoes.

Kindly note that attendance for the industrial visit is compulsory for all students, and failure to attend will result in a deduction of attendance marks.

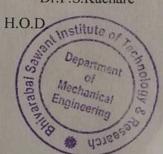
SALWE A.M.

Internship Coordinator

DEVDHE M.S.

MESA Coordinator

Dr.P.S.Kachare



JAYAWANT SHIKSHAN PRASARAK MANDAL'S



Prof. Dr. T. J. Sawant

BE (Elec ) PGDM. Ph.D.

Founder Secretary

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Gat No. 719/1 & 2 Wagholi, Pune-Nagar Road, Pune-412207

Dr. T.K. N

Ph : 020-067335108, 65217050, 67335100

Telefax: 020-67335100 www.jspm.edu.in / www.bsiotr.org Dr. T.K. Nagaraj ME. (Civil Engg), Ph.D (Civil Engg) LMISTE, LMIGS, LMIRC LMISRMTT, LMIE Principal

> Date 20 / 04 2023 20/04/23

To.

The Principal

BSIOTR, Wagholi

Pune,412207

Subject: Regarding the Permission to avail the College bus facility for Industrial visit on 2504/23.

Respected Sir,

We have received a permission letter to visit a Science park, Chinchwad. It is around 27 km from our Campus. We are taking the students of SE, TE and BE to the visit along with 2 Faculty members.

I request you to give us a permission to avail college bus facility at 8.30 am for approximately 30 students.

Thanking You.

Salwe .A.M.

Industrial visit coordinator

Dr.Kachare P.S.



Bhivarab (Approved by A

Prof Dr T J Sawant

B.E. (Elec.) PGDM. Ph D

Founder Secretary

JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Bhivarabai Sawant Institute of Technology & Research

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Telefax 020-67335100 Website , www.jspn.edu.in / www.bsiotr.org EN 6311 / CEGP-013100 Dr. T.K. Nagaraj ME. (Civil Engg), Ph.D (Civil Engg) LMISTE, LMIGS, LMIRC LMISRMTT, LMIE Principal

Date: 10/04/23

To

The Science Park

Anna Sahib Nagar,

Chinchwad,

Pimpri-Chinchwad, Maharashtra 411019

Respected Sir/madam,

Ours is the Engineering College named Bhivrabai Sawant Institute of Technology and Research, Wagholi of JSPM group. We are having five branches namely Mechanical Engineering, Electrical Engineering, Electronics and Telecommunication Engineering, Computer Engineering and Information and Technology Engineering.

The intake capacity of Mechanical Engineering is 120.In the syllabus of Mechanical Engineering, There are number of visits to industry. Without industrial visit, a student will not become complete Engineer.

The students of Second/Third and Forth year Mechanical would like to visit to a Science Park on /03/23.Maximum strength of students is 40.

I request you to please give us permission for the same.

Thanking You.

Prof.Salwe A.M.

Industrial Visit coordinator

Dr.P.S.Kachare

H.O.D.

Dept. of Mechanical Engineering





प्रति ,

मा बाहतुक विभाग प्रमुख Wakelingल Haad of Department Department of Mechanica City; Pall Technical Campus, Facing of Prix Talsande, Kuptagar

विषय : वाहन मिळणेबाबत

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तंपासले बरोबर आहे (संकुल संचालक)		(and a Dominated)

Prof. Dr. T. J. Sawant B.E. (Elec.) PGDM, Ph.D Founder Secretary Ph: 020-067335108, 65217050, 67335100 Telefax: 020-67335100 Website: www.ispm.edu.in / www.bsiotr.org

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

# **Department of Mechanical Engineering**

### A Report on

#### Science Park

Date of the visit:	25/04/2023
Subject:	A Visit under MESA
Aim of the Visit:	To gain practical knowledge on various scientific concepts and advancements.
Objectives of the Visit:	1)Educational Exploration
	2)Promoting STEM (Science, Technology, Engineering, and Mathematics
Name and Location of the place visited:	Science Park, Auto Cluster ,Chinchwad.

#### **Introduction:**

The Science Park Pimpri Chinchawad is a popular science museum located in Chinchwad. The park features interactive exhibits, displays, and models related to science and technology, including robotics, space, sound, light, and energy. The park aims to promote scientific and technological education among people of all ages and backgrounds.

:

Solar Park: The park has a dedicated section for solar energy, where visitors can learn about the various aspects of solar energy, such as its benefits and applications.

Health Park: The park has a health park section that exhibits the importance of good health and hygiene. The exhibits demonstrate the benefits of exercise and a healthy lifestyle.

Robotics Park: The park has a section dedicated to robotics, where visitors can learn about the different types of robots and their applications in various fields.

Space Park: The park also has a space park section that showcases the different planets, stars, and galaxies in the universe. The exhibits offer a glimpse into the life of astronauts and their training.

Science Center: The park also houses a science center, where visitors can learn about various scientific concepts through interactive exhibits.

Conclusion: Overall, the Science Park is an excellent place to visit for anyone interested in science and technology. The park offers a unique learning experience, and the exhibits are designed to cater to people of all ages. it was a great learning opportunity for students.



Students Starting for the Visit



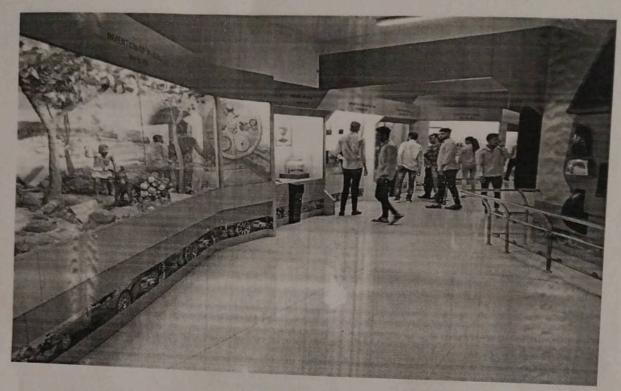
A Group photo during the Visit



A Group photo during the Visit



Students observing Engine Components



Inside view of Science Park

Prof. Salwe A.M.

Industrial visit coordinators

Dr.Kachare P.S.

H.O.D.



# Bhivarabai Sawant Institute of Technology & Research (Approved by AICTE New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University) Accredited with B++ Grade by NAAC Gat No. 719/1 & 2, Wagholi, Pune-Nagar Road, Pune-412207 Ph. 020-067335108 65217050 G57335100 ME (Civil Enggl), Pune-Nagar Road, Pune-412207 Ph. 020-067335108 65217050 G7335100 ME (Civil Enggl), Pune-Nagar Road, Pune-412207 Ph. 020-067335108 67335100 ME (Civil Enggl), Pune-Nagar Road, Pune-412207 Ph. 020-067335108 67335100

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

Date: 25/04/23

#### ATTENDENCE SHEET

Science Park Chinchwal Place of Visit:

Class	Roll No.	Name	Sign
SE	SAL	RAKTATE TEJAS RAJENDRA	Jeson
SE	SA2	SHINDE GANESH BHASKAR	(an) inde
SE	SA3	SAVLE VIRAJ BHIVA	Cars
SE	SA4	INGLE BADAL SUNIL	marten
SE	SA5	MORE PRATIKSHA BALASO	Parme
SE	SA6	UKIRDE VINDALI ANANT	Farack
SE	SA7	MALI KIRAN RAMESH	Again.
SE	SA8	BARAWKAR PRANAV SONTOSH	Barrelar
SE	SA9	CHAVHAN PRACHI SURESH	15uman
SE	SA10	CHOGALE CHINMAY PARSHURAM	ABSENT-
SE	SA11	KHAIRMODE SOMESH MUKUND	Goweshik
SE	SA12	BHONDAVE PRATHMESH LAXMAN	
SE	SA13	SATPUTE NILESH VITTHAL	Sim
SE	SA14	CHAVAN AJAY VILAS	And
SE	SA15	NAVSUPE VIJAY RAMESH	Vojay
SE	SA16	GAIKWAD VAIBHAV SIDDHARAM	continualy
SE	SA17	CHOUDHARI MAYUR ANANT	Maybe.
SE	SA18	PHADATARE YASHRAJ ASHOK	Yasho
SE	SA19	KAWALE ADITYARAJ CHANDRASHEKHAR	Aditya
			mor ga

Subject Incharge You MESA



Prof. Dr. T. J. Sawant BE (Elec.) PGDM Ph.D. Founder Secretary

JAYAWANT SHIKSHAN PRASARAK MANDAL'S

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Website www.jspm.edu.in. www.bsiotr.org

Principal

Date: 25/04/23

#### ATTENDENCE SHEET

Place of Visit: Science Park chinchwal.

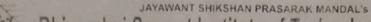
Class	Roll No.	Name	Sign
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TE	TA2	BENGAL PRATIK KESHAV	Backs_
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TE	TA4	DALVI SAGAR SANJAY	Usul
TE	TA5	DARWATKAR SAHIL SANJAY	Sall
TE	TA6	DAUNDKAR DINESH SANTOSH	PSD
TE	TA7	DHAMDHERE MAKRAND SANJAY	Dolhamolhere
TE	TA8	DHAME PRANAV RAMDAS	Phone
TE	TA9	GAIKWAD PRANALI NARAYAN	pholomad
TE	TA10	GAVHANE SAURABH CHHABULAL	Bamme
TE	TAIL	HIRE TANMAY SANJAY	Thre.
TE	1413	IDALGAVI VIKAS RAJKUMAR	•
TE	TA13	KODLINGE SANKET BABANRAO	Roubelle
TE	TA14	KOGADE RUSHIKESH GAJANAN	Rogade
TE	TA15	KULAL SUPRIYA SANDIP	Kilas
TE	TAI6	KUMBHAR CHETAN SANJAY	k
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TE	TA22	PATOLE BAJRANG BABRUWAN	Kannin
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TE	1A25	PAWAR SHRIHARI GOVIND	Garihan

	-	TRANSPORT AND	
TE	TA26	RANDIVE ABHISHEK PRABHAKAR	
TE	TA27	RUKE BHUSHAN MOHAN	B.P
TE	TA28	SAGAR ARJUN MAHADEV	Asyn
TE	TA29	SALVE TEJAS SOPAN	T.S. Salve
TE	TA31	SHINDE ROHAN HANUMANT	& Shan
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TE	1.430	WALUNJ PRASAD BALASAHEB	Wilny
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TE	TA 38	SHINDE AJINKYA RAMDAS	A BSENT -
TE	TB2	ANNALDAS NEHARIKA JAGDISH	N.J. Annaldas.
TE	TB3	AUTI SAURABH SANJEEV	SS Anti
TE	TB4	BANKAR SAURABH HANUMANT	S Bankard
TE	TB5	BARDE PREM LAXMANRAO	Prene
TE	TB6	BHARNE KALPATARU VITTHAL	Kalpataxu.
TE	TB7	BIRADAR BRAMHANAND DILIPRAO	Bhrume
TE	TB8	CHAKRANARAYAN SANDESH SAKHARAM	Sandesh
TE	LB0	DAREKAR MAYUR DADASAHEB	Darekas
TE	TB10	DESHMUKH SHUBHAM SURESH	Deshes.
TE	TB11	DHORE YASH NITIN	yash
TE	TB12	GHANSAVANT ABHIJEET BALAJI	Abhijett
TE	TB13	HINGE KOMAL SHIVAJI	Komel
TE	TB16	KALSEKAR VIVEK NETAJI	lut_
TE	TB17	KAWTIKWAR RUSHIKESH DILIP	DON'A
TE	TB18	KHANDAGALE ABHISHEK RAJESH	Abbidel
TE	TB19	KHOPDE VAIBHAV SANJAY	1,11,100
TE	TB20	KULKARNI ATHARV ARVIND	
TE	TB21	LENDAL ASHWINI KESHAV	Alenda
TE	TBT2	MALAVKAR AJINKYA SHIVAJI	Junet
TE	TB24	MODITAVE VAISHNAVI GANESH	
TE	TB27	NIKAM KIRAN RAMCHANDRA	Kinu:
			LJINAN 3

TE	TB30	PATIL PUNDLIK IRAPPA	Patel
TE	TREE	RAMILKI SUYASHBHAGWANT	swall
TE	TB34	REGADE SANDHYARANI SADASHIV	Bankye
TE	TB35	SATPUTE ROSHAN VISHNU	
TE	TB37	SHERIKAR SIDHALINGREDDY NAGAREDDY	6) NShekar
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TE	1839	WAGASKAR KUNAL SUNIL	kswagasters
TE	TB40	WAGH ANIKET SOMNATH	
TE	TB41	WAKADE AVINASH BABASAHEB	
TE	TB42	WARADE SOHAM SAKHARAM	
TE	TB43	ZURUNGE SAURABH SANTOSH	6 Surveye

YOU MESA

Subject Incharge





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

Website: www.jspm.edu.in/www.bsiotr.org EN 6311/CEGP-013100

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

Date: 25/04/23

#### ATTENDENCE SHEET

Place of Visit: Science Park chinchwal

Class	Roll No.	Name	Sign
BE	BAI	ASHISH KAILAS BHUTE	Alekat
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Subject Incharge For MESA

Bhivarabai Sawant Institute of Technology & Research

Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru and National Board of Accreditation(NBA), New Delhi.

Ref: JSPM/BSIOTR/Admin/2022-23/

Date: 21/03/2023

To.

Mr. Dhananjay Bhosale Incharge, D'RONA Rohitra pvt. Ltd. C-1, F.E.I. Estate, MIDC, Bhosari Pune-411026

Subject: Request for Industrial Visit at D'RONA Rohitra pvt. Ltd. Pune

Dear Sir.

JSPM's Bhivarabai Sawant Institute of Technology & Research is one of the reputed Institute of Savitribai Phule Pune University. JSPM group of Institute is one of the leading group in Education field & running eight Engineering Colleges with Post Graduate Program. Department of Electrical Engineering is NBA Accredited.

As per University curriculum Industrial visit is compulsory. This will help our students to get Industrial exposure and upgrade their professional skill for achieving better academic goals. This visit is for Electrical Machine -I subject and Our total Number of Students are 74.

So kindly allow our students for one day visit at D'RONA Rohitra pvt. Ltd. Pune, in 25/03/2023 (Saturday).

Regards,

Sub Teacher

want Institu

Dr. N. N. Ghuge Head, Electrical Engineering



Vision: "Human Resource Development to Meet Growing Industrial and Social Challenges" Mission: "To Impart Quality Education and Nurture Aspirants to Face the Growing Challenges



#### Letter of Undertaking for industrial tour

Letter of Ondertaking for investment	
Date: 25/03/2023	
То,	
The Principal	
JSPM BSIOTR, Wagholi	
Pune.	
Dear Sir,	
SUB: Submission of "Industrial Tour Undertaking" Reg.	bearing roll number
studying in IV -Semester, Department of BSIOTR Wagholi Pune, herewith voluntarily submitting the under taking industrial tour is organized by the Institute scheduled at 25/03/2023 we ensure that we are abide by the college terms and conditions for inducand confirm that the college shall not be held responsible in the event and/or personal injuries whether fatal or otherwise involving us. We of all the consequences should any other person or body suffer such a and/or damage to property as a result of our negligent act during the further confirm that the college shall not be held responsible for our times during the period of industrial tour and shall obey the instruction accompanying during the industrial tour.	with our full acceptance. We shall strial tour. We, hereby declare t of any misfortune or accidents shall undertake full responsibility accidents and/or personal injuries period of industrial tour. We misconduct or wrongdoing at all
Yours sincerely	APPROINT.
Signature of the student (Sheet attached)	

#### Savitribai Phule Pune University JSPM's BSIOTR, Wagholi, Pune. Department of Electrical Engineering Roll call SE - 2023-24 Undertaking

Sr. No.	Roll No.	Name of Students	Sign
10	\$190732501	AMAN SANTOSH BHISE	SVN.
2.	S190732502	AMBEKAR SHUBHAM MAHADEO	38
3.	\$190732503	AVHAD SUDARSHAN GHANSHYAM	
4.	S190732504	BHANDE PURUSHOTTAM AJIT	Long.
5.	\$190732505	BHOPALE ABHISHEK ARUN	- A. H. Haft
6.	S190732506	BODHE SNEHAL VIJAY	God N
7.	\$190732507	BOROLE JAYESH LALIT	Total -
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Staff Name - Prof. A.V. Hadole and Prof. Ritu Soni

Dept of Electrical Engineering
JSPM's Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune-412 207

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## Department of Electrical Engineering Industrial Visit Report At

"TRANSFORMER MANUFACTURING AT D'RONA ROHITRA, BHOSARI, PUNE"

A one day Industrial visit was organized for the SE Electrical students by Electrical Engineering Department, at D'RONA Rohitra, Bhosari, Pune, on Saturday 25 March 2023.

D'RONA Rohitra is Transformer manufacturing company which is situated in Bhosari, Pune. They Manufactures three phase Transformers.

Two faculty members Mr. Avinash Hadole and Ms. Ritu Soni along with SE Electrical students were departed from JSPM's Bhivarabai Sawant Institute of Technology and Research Wagholi at 9:00 am on 25 March 2023 and reached at D'RONA Rohitra approx at 10:30 am. There Plant incharge Mr. Dhananjay Bhosale guided students about process of Transformer's manufacturing. There were approximately 52 students visited D'RONA Rohitra. Some glimpses of visit:



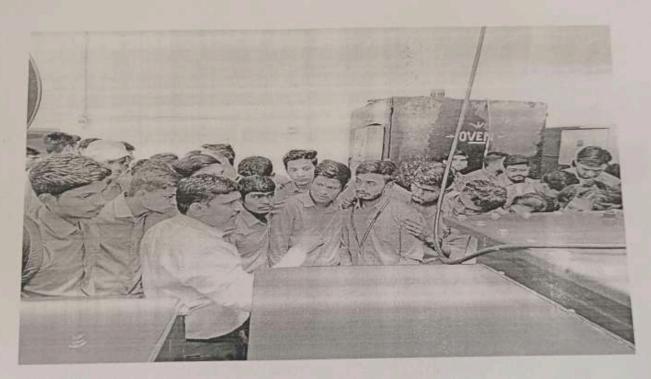


Bhivarabai Sawant Institute of Technology & Research

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Visit In- Charge Mr . Avinash Hadole

HOD Dr. N.N.Ghuge

Dept. of Electrical Engineering JSPM's Bhivarabai Sawant institute of

Technology & research