



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Bhivarabai Sawant Institute of Technology & Research

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

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

Ph : 020-067335108, 65217050, 67335100

Telefax : 020-67335100

Website : www.jspm.edu.in / www.bsioir.org

EN 6311 / CEGP-013100



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

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

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

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING Academic Year – 2023-24

CRITERION 2 - Teaching- Learning and Evaluation

2.4

Teacher Profile and Quality

2.4.2

Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. /
D.Litt. during the year (consider only highest degree for count)

JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi,Pune-412207
Department of Electronics and Telecommunication
List of Ph.D. Scholars Under Dr.Y. S.Angal, Prof. and HOD (E&TC)

Sr.No.	Name of The Student	University	Date of Registration	Topic	Remark
01	Dipali K Shende	Savitribai Phule Pune University	PG8/2097 Dated 18/11/2020	Energy and trust aware Metaheuristic Multicast Routing for IoT Application	Ph, D Completed 24/02/2023. Ph. D Degree Awarded
02	Diplali Nilesh Dhake	Savitribai Phule Pune University	PGS/Ph.D/75 dated 05/01/2021	Artificial Intelligence Based Multilevel Stress Detection and Analysis Using EEG Signal	Thesis Submitted Exam Awaited.
03	Prof Vipin S Vibhute	Vishweshwarya Technological Unversity , Belgavi	VTU/aca/2015-16/A7/EL/8254 Dated 18/12/2015	Development or Demonstration of Optimization Techniques of Learning from Demonstration(LED) for Cognitive Architecture	In Progress
04	Shailesh Satish Kulkarni	Savitribai Phule Pune University	PGS/Ph.D/75 dated 05/01/2022 Your text here 1	Multimodal fused Emotion Recognition Using Deep Learning	In Progress
05	Madhura Macchindranath Bhosale	Savitribai Phule Pune University	PGS/Ph.D./6288 dated 17/11/2022	Fusion Based Approaches for Detecting and Tracking Objects from Image and Video Data for Autonomous vehicles.	In Progress
06	Prashul Budhapalin Kamble	Savitribai Phule Pune University	PGS/Ph.D./75 dated 05/01/2022	Topic needs to be refined	


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



Savitribai Phule Pune University

(Formerly University of Pune)



Telephone No: 25601258/1259
E-mail : boards@unipune.ac.in
Telegraph : 'UNIPUNE'
Fax No : 25691233

ACADEMIC SECTION
Ganeshkhind, PUNE-411 007

Ref. No: BOD/Sci & Tech/01/255

Date: 7 110 /2019

To

Dr. Yogesh Suresh Angal
Jayawant Shikshan Prasarak Mandal's,
Bhivarabai Sawant Institute of Technology
and Research, Survey no 720 Pune Nagar
Road, Tal. Pune-412207

Subject : Recognition as a Ph.D. Research Guide

Sir,

Please refer to your application for Recognition as a Ph.D. Research Guide of Savitribai Phule Pune University, I am directed to inform you that the University authorities have been pleased to recognize you as a Ph.D. Research Guide of this University under the provision of Section 37(1)(e) of the Maharashtra Public Universities Act, 2016.

The details of your recognition are as under :

1. You have been recognized to guide **Ph. D. Scholars** under the faculty of **Science and Technology** in the subject of **Electronics & Telecommunication** for the period of eight (8) years with effect from **04-09-2019** to **03-09-2027** with following particulars;

- i) Eight (8) Ph. D. Scholars, if you are a Professor.
- ii) Six (6) Ph. D. Scholars, if you are an Associate Professor.
- iii) Four (4) Ph.D. Scholars, if you are an Assistant Professor.

Your guideship is subject to the following conditions and other terms and conditions prescribed by the University and University Grants Commission, (UGC) New Delhi from time to time in this behalf:

- i) M.Phil./Ph.D. Research Guideship will be governed by the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations 2016.
- ii) a) If the affiliation/Recognition granted by the university to your College/Institute gets over then the recognition granted to you will be treated as cancelled from the date on which the period of affiliation/recognition gets over.
b) In case of Research Institute, it should be recognized by the University for the subject for which you are recognized as M.Phil./Ph.D. Research Guide.
If the recognition granted by the University to your Research Institute gets over then your recognition as an M.Phil./Ph.D. Research Guide will be treated as cancelled from the date on which the recognition to your Research Institute gets over.

- iii) In case of those M.Phil./Ph.D. Guides whose length of service as a regular faculty is not more than two years, in such cases it is essential for them to take a Co-Guide whose length of service as a regular faculty should not be less than five years and the said Co-Guide should be approved M.Phil./Ph.D. Guide of Savitribai Phule Pune University.
- iv) No fresh M.Phil./Ph.D. 'Research Students' should be registered with M.Phil./Ph.D. Research Guides whose length of service as a regular faculty is not more than two years.


In addition to the above conditions, it is essential to mention the name of 'Savitribai Phule Pune University' in author's address in the Publications made by you and your students.

Recognition granted to you is always subject to the terms and conditions prescribed by the University and University Grants Commission, New Delhi from time to time, in this behalf.

If any correction in the recognition letter then please contact this office within fifteen days from the date of receipt of this letter.

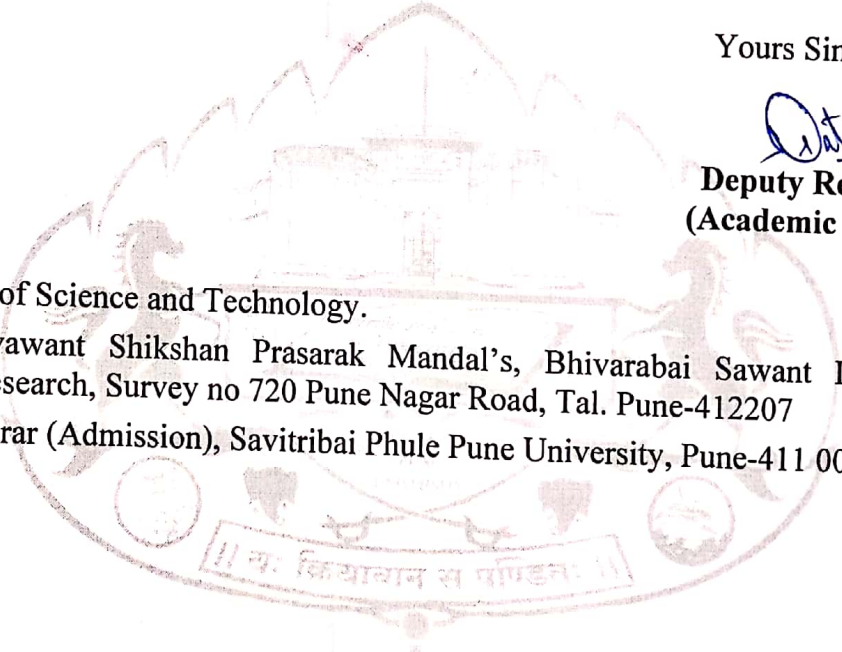
Thanking you.

Yours Sincerely,


Deputy Registrar
(Academic Section)

Copy fwcs to :

1. The Dean, Faculty of Science and Technology.
2. The Principal Jayawant Shikshan Prasarak Mandal's, Bhivarabai Sawant Institute of Technology and Research, Survey no 720 Pune Nagar Road, Tal. Pune-412207
3. The Deputy Registrar (Admission), Savitribai Phule Pune University, Pune-411 007.





Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)

Shende Dipali Kedar

(शेंडे दिपाली केदार)

Mother's Name: Pramila

(प्रमिला)

University has accepted the thesis submitted by the above-mentioned candidate for the award of Ph.D., as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER:

- 1 Faculty** : **Science & Technology**
- 2 Subject** : **Electronics & Telecommunication Engineering**
- 3 Title of the Thesis** : **"Energy and Trust aware Metaheuristic Multicast Routing for IoT Application"**
- 4 Place of Research** : **JSPM's Rajarshi Shahu College of Engineering
Sr.No. 80, Pune-Mumbai Bypass Highway,
Tathawade,
Pune 411033.**
- 5 Name and Address of the Guide** : **Dr. Angal Yogesh Suresh
JSPM's Rajarshi Shahu College of Engineering
Sr.No. 80, Pune-Mumbai by Pass Highway,
Tathawade,
Pune 411033.**
- 6 Date of Registration** : **19th March, 2018**
- 7 Date of Declaration of Result** : **24th February, 2023**

Ganeshkhind, Pune 411007

Ref. No. PGS/Ph .D./1135

Date: 13/03/2023



[Signature]
Director

Board of Examinations & Evaluation

Savitribai Phule Pune University
(Formerly University of Pune)



Telephone Nos. : 25601205/10/11

Ganeshkhind, Pune - 411 007

Ref. No. : *PGS/2097*

Date : 18 NOV 2020

To,
Mrs. Shende Dipali. K.
Department of Electronics & Telecommunication Engineering
JSPM's Rajarshi Shahu College of Engineering,
S.No. 80, Pune-Mumbai By Pass Highway,
Tathawade, Pune- 411 033.

Sub. : Change of Research Guide for Ph.D. Course

Sir/Madam,

With reference to your application dated 20/08/2020 on the above subject, I am directed to inform you that the Ph.D. admission Committee at its meeting permitted you to complete your Doctoral Research in the subject of **Electronics & Telecommunication Engineering** under the guidance of **Dr. Y.S. Angal** instead of **Dr. S.S. Sonavane**.

Please note that as per rules, you will have to work under his guidance for a minimum period of one calendar year before submission of your thesis.

[Signature]
Dy. Registrar,
Admission

- Copy : 1. **Dr. Y.S. Angal (Research Guide)**
Department of Electronics & Telecommunication Engineering
JSPM's Rajarshi Shahu College of Engineering,
S.No. 80, Pune-Mumbai By Pass Highway,
Tathawade, Pune- 411 033.
2. **The Principal**
JSPM's Rajarshi Shahu College of Engineering,
S.No. 80, Pune-Mumbai By Pass Highway,
Tathawade, Pune- 411 033.



Savitribai Phule Pune University

(formerly University of Pune)

We, the Chancellor, the Vice Chancellor and the Members of the Management Council and the Academic Council of the Savitribai Phule Pune University, upon recommendation of the Board of Governors of Rajarshi Shahu College of Engineering, Tathawade, Pune, an Autonomous Institution, certify that

Shende Dipali Kedar, Mother's Name : Pramila

having been examined and found duly qualified for the degree of

Doctor of Philosophy (Electronics & Telecommunication Engineering)

In February 2023. The said degree has been conferred on her. In testimony whereof is set the seal of the said University.

सावित्रीबाई फुले पुणे विद्यापीठ

(पूर्वीचे पुणे विद्यापीठ)

आम्ही, सावित्रीबाई फुले पुणे विद्यापीठाचे कुलपती, कुलगुरु आणि व्यवस्थापन परिषद व विद्या परिषद सदस्य, राजर्षी शाहू कॉलेज ऑफ इंजिनिअरिंग, ताथवडे, पुणे, या स्वायत्त महाविद्यालयाच्या नियामक मंडळाच्या आणि विद्या परिषदेच्या शिफारशीवरून प्रमाणित करितो की,

शेंडे दिपाली केदार, आईचे नाव: प्रमिला

या फेब्रुवारी २०२३ मध्ये

विद्यावाचस्पती (इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन इंजिनिअरिंग)

पदवी परीक्षा उत्तीर्ण झाल्याबद्दल त्यांना ही पदवी प्रदान करण्यात येत आहे. याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे अंकित करण्यात येत आहे.

Vice Chancellor

123rd Convocation (Winter)

EN23-29785



Visvesvaraya Technological University

"Jnana Sangama", Belagavi - 590 018, Karnataka state.

Dr. H. N. Jagannatha Reddy M.E., Ph.D.
Registrar

Phone: (0831) 2405468
Fax : (0831) 2405467

Ref.: VTUIAca/2015-2016/A7/EL / 9605

Date: 7 MAR 2017

(REVISED) OFFICE ORDER

Sub : Registration of Ph.D./M.Sc.(Engg.) by Research from June 2016.
Ref : Your application for the Ph.D./M.Sc.(Engg.) by Research.

By the recommendations of the Admission Committee, you are hereby provisionally permitted to register for pursuing research work with the following details:

1. Name : Vipin Suryakant Vibhute
2. Programme : Ph.D.
3. Full time /Part time : Part Time
4. Research Centre : IT
5. College/Institute : VTU-RRC, Belagavi
6. Supervisor : Dr. Yogesh Angal
7. Co-Supervisor : Dr. B Suryakanth
8. Research Topic : "Development or Optimization Techniques of Learning from Demonstration (LFD) for Cognitive Architecture"
9. Approved Course work

Sl.No.	Group	Course work
1.	14PHDRM	Research Methodology
2.	14PHDIT001	Biomedical Signal Processing and Applications
3.	14PHDIT003	Sensors and Applications
4.	14PHDIT006	Robotics and Automation

Note: This Provisional Registration is subject to fulfilling the conditions specified in the Clause PHD14.9 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2014).

To,

The candidate

- Copy to, 1. The Research Centre /VTURRC
2. The Supervisor/Co-Supervisor

Registrar

(Handwritten signature)
A/S
..



Visvesvaraya Technological University

"Jnana Sangama", Belagavi - 590 018, Karnataka state.

Dr. K. E. Prakash, B.E., M.E., Ph.D.
Registrar

Phone: (0831) 2405468
Fax : (0831) 2405467

Ref.: VTU/Aca/2015-2016/A7/EL 8254

Date:

08 DEC 2015

OFFICE ORDER

Sub : Registration of Ph.D./M.Sc.(Engg.) by Research from June 2015
Ref : Your application for the Ph.D. /M.Sc.(Engg.) by Research.

By the recommendations of the Admission Committee, you are hereby provisionally permitted to register for pursuing research work with the following details:

1. Name : **Vipin Suryakant Vibhute**
2. Programme : **Ph.D.**
3. Full time /Part time : **Part Time**
4. Research Centre : **IT**
5. College/Institute : **VTU-RRC Belagavi**
6. Supervisor : **Dr. Yogesh Angal**
7. Co-Supervisor :
8. Research Topic : **" Development or Optimization Techniques of Learning from Demonstration (LFD) for Cognitive Architecture "**

9. Approved Course work

Sl.No.	Group	Course work
1.	14PHDRM	Research Methodology
2.	14PHDIT001	Biomedical Signal Processing and Applications
3.	14PHDIT003	Sensors and Applications
4.	14PHDIT006	Robotics and Automation

This permission for registration is subject to fulfilling the following conditions

1. Letter of acceptance for the Provisional admission, duly forwarded by the Guide/ Co-guide and Head of Research Centre on or before **23th Dec 2015**.
2. An undertaking to abide by the rules and regulations of the University.
3. DD of ₹`4000/- drawn in favour of the Finance Officer VTU, Belagavi of towards requisite registration fee.

Note: This Provisional Registration is subject to fulfilling the conditions specified in the Clause PHD14.9 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2014)

Registrar

To,

The candidate

- Copy to,
1. The Research Centre /VTURRC
 2. The Supervisor/Co-Supervisor

Savitribai Phule Pune University
(formerly University of Pune)



Telephone Nos. : 020 - 25621205/1212
020- 25621216

Ganeshkhind,
Pune - 411 007.
Email: pgadmis@pun.unipune.ac.in

Ref. No. : PGS/Ph.d/133075

Date: 05/01/2022

To,
The Principal,
JSPM's Rajarshi Shahu College of Engineering,
Sr. No. 80, Pune-Mumbai By Pass Highway,
Tathawade,
Pune- 411 033

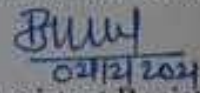
Sir/Madam,

The Ph.D. cases forwarded by the Centre were place before the Research and Recognition Committee meeting in the subject **Electronics & Telecommunication Engineering (Science and Technology)**, held on 17/08/2021. The decisions of the Research & Recognition Committee are as follows.

Sr. No.	Name of the candidate & Name of the Guide	Remarks
1.	Ms. Dhake Dipali Nilesh Guide: Dr. Y. S. Angal	Topic Approved & Admitted w.e.f. 20/03/2021 as follows: "Artificial Intelligence Based Multi-Level Stress Detection and Analysis using EEG Signal."

Please comply with the directions of the Research & Recognition Committee and communicate to this office at the earliest.

Yours faithfully,



Assistant Registrar
(P. G. Admissions)

Savitribai Phule Pune University
(formerly University of Pune)



Telephone Nos. : 020 - 25621205/1212
020 - 25621216

Ganeshkhind,
Pune - 411 007.
Email: pgadmis@pun.unipune.ac.in

Date: 05/01/2022

Ref. No. : PGS/Ph.d. ~~1330~~ 75

To,
The Principal,
JSPM's Rajarshi Shahu College of Engineering,
St. No. 80, Pune-Mumbai By Pass Highway,
Tathawade,
Pune- 411 033

Sir/Madam,

The Ph.D. cases forwarded by the Centre were place before the Research and Recognition Committee meeting in the subject **Electronics & Telecommunication Engineering (Science and Technology)**, held on 17/08/2021. The decisions of the Research & Recognition Committee are as follows.

Sr. No.	Name of the candidate & Name of the Guide	Remarks
1.	Mr. Kulkarni Shailesh Satish Guide: Dr. S. S. Khot Co-Guide: Y. S. Angal	Topic Approved & Admitted w.e.f. 25/03/2021 as follows: "Multimodal Fused Emotion Recognition using Deep Learning."

Please comply with the directions of the Research & Recognition Committee and communicate to this office at the earliest.

Yours faithfully,

02/11/2021

Assistant Registrar
(P. G. Admissions)

Savitribai Phule Pune University

(formerly University of Pune)



Telephone Nos. : 020-25621205/1212
25621216

Ganeshkhind, Pune – 411 007.
Email: pgadmis@pun.unipune.ac.in

Ref. No.: PGS/ Ph. D. / 6288

Date: 17/11/2022


To,
Ms. Bhosale Madhura Macchindranath,
Department of Electronics & Telecommunication Engineering,
JSPM's Rajarshi Shahu College of Engineering,
S. No. 80, Pune-Mumbai By pass Highway,
Tathawade, Pune- 411 033

Sub. : Change of Research Guide for Ph.D. Course

Sir/Madam,

With reference to your application dated 23/06/2022 on the above subject, I am directed to inform you that on behalf of the Research & Recognition Committee you are permitted to complete your Doctoral Research in the subject of **Electronics & Telecommunication Engineering (Science & Technology)** under the guidance of **Dr. Y. S. Angal** instead of **Dr. T. S. Dhope**.

Please note that as per rules, you will have to work under his/her guidance for a minimum period of one calendar year before submission of your thesis.


Deputy Registrar
(P.G. Admissions)

- Copy: 1) **The Director**,
JSPM's Rajarshi Shahu College of Engineering,
S. No. 80, Pune-Mumbai By pass Highway, Tathawade, Pune- 411 033
- 2) **Dr. Y. S. Angal**, (Guide) (New)
Department of Electronics & Telecommunication Engineering,
JSPM's Rajarshi Shahu College of Engineering,
S. No. 80, Pune-Mumbai By pass Highway, Tathawade, Pune- 411 033
- 3) **Dr. T. S. Dhope**, (Guide) (Old)
Department of Electronics & Telecommunication Engineering,
JSPM's Rajarshi Shahu College of Engineering,
S. No. 80, Pune-Mumbai By pass Highway, Tathawade, Pune- 411 033

Savitribai Phule Pune University
(formerly University of Pune)



Telephone Nos. :020 – 25621205/1212
020- 25621216

Ganeshkhind,
Pune – 411 007.
Email: pgadmis@pun.unipune.ac.in

Ref. No. : PGS/Ph.d/1350 75

Date: 05/01/2022

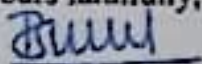
To,
The Principal,
JSPM's Rajarshi Shahu College of Engineering,
Sr. No. 80, Pune-Mumbai By Pass Highway,
Tathawade,
Pune- 411 033

Sir/Madam,

The Ph.D. cases forwarded by the Centre were place before the Research and Recognition Committee meeting in the subject **Electronics & Telecommunication Engineering (Science and Technology)**, held on 17/08/2021. The decisions of the Research & Recognition Committee are as follows.

Sr. No.	Name of the candidate & Name of the Guide	Remarks
1.	Mr. Kamble Prashul Budhapalin Guide: Dr. Y. S. Angal	Aim and objective need to be defined properly & resubmit the proposal.

Please comply with the directions of the Research & Recognition Committee and communicate to this office at the earliest.

Yours faithfully,

27/11/2021
Assistant Registrar
(P. G. Admissions)

Swami Ramanand Teerth Marathwada University, Nanded



We, the Chancellor, the Vice-Chancellor, Members of the Management Council and the Academic Council of the Swami Ramanand Teerth Marathwada University, certify that the degree of

Doctor of Philosophy

In the faculty of Engineering & Technology (Instrumentation) has been conferred on Anagol Yogesh Suresh on Twenty Fourth April Two Thousand Thirteen who has been found duly qualified for the same. In testimony whereof is set the seal of the said University.

स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

अनगळ योगेश सुरेश

हे / ह्या

विद्यावाचस्पती या पदवीस पात्र ठरल्यामुळे त्यांना स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठाचे कुलपती, कुलगुरू, व्यवस्थापन परिषद आणि विद्या परिषद सदस्य यांच्या अनुमतीने

अभियांत्रिकी / तंत्रशास्त्र(उपकरणीकरण)

विद्याशाखांतर्गत

विद्यावाचस्पती

ही पदवी दिनांक चोवीस एप्रिल दोन हजार तेरा

रोजी प्रदान करण्यात येत आहे. याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे अंकित करण्यात येत आहे.

Vice-Chancellor

Date of issue: 24th April 2013

Rashtrasant Tukadoji Maharaj Nagpur University

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)"



Doctor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (Faculty of Engineering & Technology)

*This is to certify that
Shri Anil Laxman Wanare having been found
to be duly qualified on examination of the thesis
on "Performance Analysis and Optimization of Image
Restoration Techniques" was admitted to the degree
of Doctor of Philosophy (अभियांत्रिकी आणि
तंत्रशास्त्र आचार्य) in the Faculty of Engineering &
Technology in this University in the year 2016.*

Nagpur

Dated : 19-11-2016

Shri Anil Laxman Wanare
Vice-Chancellor



Nirwan University

(Estd. under the Act No. 2/2017 of Govt. Of Rajasthan)

Ref: NUJ/REG/2021/ 1183

Date: Nov 30, 2021

To,
Dr. Anil Laxman Wanare
Professor
Bhivarabai Sawant Institute of Technology and Research
Wagholi, Pune, Maharashtra

Subject: Approval of Adjunct Faculty/Co-Guide/Co-supervisor for Ph.D. Programme.

Dear Sir,


With reference to your application for registration as Adjunct Faculty/Co-Guide/Co-supervisor, matter was considered in the DRC Committee of the subject Electronics & Telecommunication Engineering. We are pleased to inform you that you are appointed as Adjunct Faculty/Co-Guide/Co-supervisor in the subject Electronics & Telecommunication Engineering at Nirwan University Jaipur.


Registration No. NUJ/DOR/2021/50	Name of Co-Guide Dr. Anil Laxman Wanare
--	---



Thanking you for your academic support to Nirwan University Jaipur.

With Best Wishes



 www.nirwanuniversity.ac.in

 info@nirwanuniversity.ac.in

 www.facebook.com/nirwanuniversity  www.linkedin.com/company/nirwanuniversity

 +91 9289800300

 NH - 21, VII - Jhar, Near Bassi, Agra Road Highway, Jaipur (Rajasthan) - 303305



**JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi,
Pune (412207)**

CRITERION 2 – TEACHING- LEARNING AND EVALUATION

2.4

Teacher Profile and Quality

2.4.2

**Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. /
D.Litt. during the year (consider only highest degree for count)**

DEPARTMENT OF ELECTRICAL ENGINEERING



**University of
Technology**

Serving Education Since 1976

Established by Rajasthan State Legislature Act No. 28 of 2017
Empowered under section 2(f) of UGC Act 1956 to award Degrees, Diplomas and Certificates
Sponsoring Body Deepshikha Kala Sansthan Reg. No. 307 / 76-77

Registration & Topic Approval Letter

Ref.No.UOT/Ph.D/April/2021/61162

Date: 23-04-2021

To

Mr. Dipak Ranjan Nayak
Research Scholar, Department of Electrical Engineering

Sub: For Registration & Topic Approval


Enrollment No.: SETDP0207200012(Part -Time/ Full -Time)

Dear Scholar,

We are pleased to inform you that your research proposal entitled "**Performance Analysis of Predictive Maintenance Techniques Using IoT Enabled Fiber Bragg Grating (FBG) Sensing Systems**" has been accepted by R.A.C (Research Advisory Committee) meeting held on 06-04-2021. You are expected to work on the above topic under the supervision of **Dr. Nilam Nimraj Ghuge**. You have to submit your thesis as per the guidelines of UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D Degree) Regulations, 2016.

You are further informed to the following:

1. At least two research papers must be published in UGC Indexed National / International journal during the period of your research work related to your topic along with your supervisor.
2. You have to submit Progress Report in every six months during Research Review Meeting (RRM) till pre-submission presentation. It must be duly signed by your Supervisor and a minimum of four RRM's need to be attended.
3. You are required to make Pre-Submission presentation after completing four RRM's


Dean (Research)

Dean Research
University of Technology

- Research Advisory Committee
2. Registrar
 3. Supervisor
 4. Department File
 5. Student File

University of Technology
Fatehpura Road, Post Kumhariyawas,
Vatika, Jaipur, Rajasthan - 303903
Phone: +91-141-4098900
Email: info@uot.edu.in

Regional College for Education Research & Technology
151-17, RIICO Institutional Area Sitapura,
Jaipur, Rajasthan - 302022
Ph: 0988 776 8098

Deepshikha College of Technical Education
Sector - 3, Varun Path, Mansarovar,
Jaipur, Rajasthan - 302020
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Registration & Topic Approval Letter

Ref.No.UOT/Ph.D/April/2023/85614

Date: 20-04-2023

To

Praveen Kumar Sharma
Research Scholar, EE

Sub: For Registration & Topic Approval

Registration No. : SETDP0507220014 (Part-Time / Full- Time)

Dear Scholar,

We are pleased to inform you that your research proposal entitled “Developing A Solar-Powered Electric Vehicles Charging System Utilizing Vehicle- To- Grid- Enabled Smart Technology” has been accepted by R.A.C (Research Advisory Committee) meeting held on 06-04-2023. You are expected to work on the above topic under the supervision of **Dr. Nilam Nimraj Ghuge**. You have to submit your thesis as per the guidelines of UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D Degree) Regulations, 2016.

You are further informed to the following:

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- Cc to:
1. Research Advisory Committee
 2. Registrar
 3. Supervisor
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Ph: 09351 111 097



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA UNIVERSITY

(Conducted by Shri Rajasthani Seva Sangh, Mumbai)

(Established U/S 2(f) of UGC Act, 1956 vide Act No. F.2(5) Vidhi/2/2009 of 5-2-2009, Govt. of Rajasthan)
(UGC & AICTE Approved)



DRC APPROVAL LETTER

Ref.No : JJTU/R&D/DAL/064

Date: 30/10/2023

Mr. Shinde Kishor Rajendrakumar,

Dear Scholar,

It is hereby informed that your registration in this University for doctoral course on a topic **Advance Techniques in Content Based Image Retrieval System** under the guidance of **Dr. Alok Agarwal JJT/2K9/ENGG/0782** and co-guidance **Dr. Nilam Nimraj Ghuge(JJT/2K9/ENGG/0402)** has been accepted. So your provisional registration number **221120064** confirmed as permanent registration from the date **24/10/2023**, you are expected to strictly adhere to the following:

1. You are expected to read carefully the Ph.D. ordinance of this University (available on website www.jjtu.ac.in)
2. You are expected to participate in national or international seminars (minimum four) and submit participation certificates. Presenting papers in such seminars - one of your topic and the other of general would be ideal.
3. You will have to publish two research articles in an ISSN referred journals and submit original or reprint for our record
4. You will submit summary of the Thesis for appointment of examiners. You will submit the thesis only when soft copy is evaluated by our department and you give a pre-submission seminar. Upon confirmation, you will submit the final thesis duly hard bound.
5. All dues should be paid before the submission of Thesis.
6. See instruction on website or contact to Ph.D. coordinator while coming for submission of Thesis.

Any default on the above shall create inconvenience to you. It is further informed that during verification of documents submitted by you, anything is found false, the admission will stand cancelled automatically.



Main Office :

Vidya Nagari, Jhunjhunu-Churu Road, Chudela
Dist. Jhunjhunu-333010, Rajasthan
Tel. : 8104883413, 9116198933
Email: phd@jjtu.ac.in Website : www.jjtu.ac.in

Main Office :

C/o Shri Rajasthani Seva Sangh, J.B. Nagar,
Andheri, Mumbai-400059. (MAH)
Tel.: 9323973505/9819695239
E-mail: jjtu@jjtu.ac.in
Website : www.jjtu.ac.in



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Registration & Topic Approval Letter

Ref.No.UOT/Ph.D/July/2023/86413

Date: 11-07-2023

To

Swami Nisargkumar Kiritkumar
Research Scholar, EE

Sub: For Registration & Topic Approval

Registration No. : SETDP0507223004 (Part-Time / Full-Time)

Dear Scholar,

We are pleased to inform you that your research proposal entitled “**Design of Direct Current Microgrid System With Power Quality Enhancement**” has been accepted by R.A.C (Research Advisory Committee) meeting held on 03-07-2023. You are expected to work on the above topic under the supervision of **Dr. Nilam Nimraj Ghuge**. You have to submit your thesis as per the guidelines of UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D Degree) Regulations, 2016.

You are further informed to the following:

1. At least two research papers must be published in UGC Indexed National / International journal during the period of your research work related to your topic along with your supervisor.
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3. You are required to make Pre-Submission presentation after completing four RRM's

Dean Research
University of Technology
(Research)

Cc to: 1. Research Advisory Committee
2. Registrar
3. Supervisor
4. Department File
5. Student File

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Jaipur, Rajasthan - 302020
Ph: 09351 111 097



Registration & Topic Approval Letter

Ref.No.UOT/Ph.D/July/2023/86369

Date: 11-07-2023

To

Patel Ronak Vijaykumar
Research Scholar, EE

Sub: **For Registration & Topic Approval**

Registration No. : SETDP0507223005 (Part-Time / Full- Time)

Dear Scholar,

We are pleased to inform you that your research proposal entitled “**Simulation Design of Renewable Energy Resources Operated Electric Vehicle Charging Station With Analysis of Predictive Power Management System**” has been accepted by R.A.C (Research Advisory Committee) meeting held on 03-07-2023. You are expected to work on the above topic under the supervision of **Dr. Nilam Nimraj Ghuge**. You have to submit your thesis as per the guidelines of UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D Degree) Regulations, 2016.

You are further informed to the following:

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Dean Research
University of Technology

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**JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi,
Pune (412207)**

CRITERION 2 – TEACHING-LEARNING AND EVALUATION

2.4

Teacher Profile and Quality

2.4.2

**Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. /
D.Litt. during the year (consider only highest degree for count)**

DEPARTMENT OF MECHANICAL ENGINEERING

Solapur University

WE the Chancellor, Vice-Chancellor and Members of the Management Council, on the recommendation of the Academic Council, certify that



[Signature]

Doctor Of Philosophy

Mechanical Engineering

has been conferred on the 26th day of the month of February
in the year two thousand fifteen
at Solapur,

on

Kachare Pravin Sudhakar

Mother's Name - Mangal

who has been found duly qualified for the same.

In Testimony whereof are set the Seal of the University
and the Signatures of the Registrar and the Vice-Chancellor.

[Signature]

Registrar



[Signature]

Vice-Chancellor

Reg No: 251216001

Enroll No: PEN/PE.D/16/00194



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA UNIVERSITY

श्री जगदीशप्रसाद झावरमल टीवडेवाला विश्वविद्यालय

Vidyanagari, Jhunjhunu - Churu Road Dist. Jhunjhunu, Rajasthan - 333001

(Established U/S 2(F) of UGC Act, 1956, vide Act No. F2(5) Vidhi/2/2009 of 5-2-2009 of Govt. of Raj)

Provisional Degree

Doctor Of Philosophy

Certified that the thesis on the subject, **PARAMETRIC MODELING & OPTIMIZATION OF MULTI-RESPONSES IN VMC-5-AXIS THROUGH EXPERIMENTS & ANALYSES**

Submitted by **Patil Arun Gurugonda** For the Degree of Doctor of Philosophy in the Subject of Mechanical Engineering Has been approved by the Vice Chancellor on 03/06/2021.

The Ph.D. degree has been awarded in compliance of the University Grants Commission (Minimum standards and procedure for award of Ph.D. Degree) Regulation, July 2016.

Ref No: JJT/Ph.D./Degree/2021/2945

Issue Date: 05/06/2021



Note: Degree of Ph.D. subject to confirmation after the formal approval by the Board of Management.