

**2.4.2 Average percentage of full time teachers with Ph.D. / D.M. / M.Ch. / D.N.B Super speciality / D.Sc. / D.Litt. during the last five years**

**Ph.D Certificates of Ph.D Faculty**



Dr. Mahesh D. Goudar

Director,

MITAoE, Alandi, Pune.

**DIRECTOR**

MIT Academy of Engineering

Alandi (D.), Pune-412 105.





Serial No. PHD

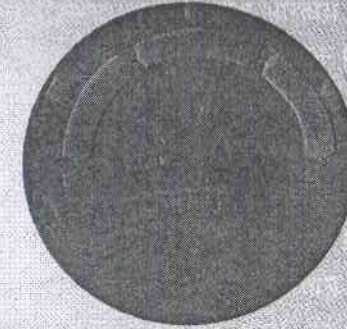
U48

Admission No.

2009/DR/0108



भारतीय खनि विद्यापीठ  
का कार्यकारी बोर्ड  
शैक्षणिक परिषद् की अनुशंसा पर एतद्वारा



महेश डी0 गौडर

को

डॉक्टर ऑफ फिलॉसॉफी  
की उपाधि

इलेक्ट्रानिक्स इंजिनियरिंग में

तत् सम्बन्धित समस्त प्रतिष्ठा, विशेषाधिकारों एवं दायित्वों से युक्त भारतीय गणराज्य के अंतर्गत धनबाद में  
इस संस्थान की मुद्रांकित उपाधि दिनांक 21 फरवरी, 2013 को प्रदान करता है।

The Executive Board  
of The

Indian School of Mines

Upon the Recommendation of the Academic Council hereby Confers on

Mahesh D Goudar

The Degree of  
Doctor of Philosophy  
in

Electronics Engineering

*With all the Honours, Privileges and Obligations thereunto pertaining*

21st February, 2013

*under the seal of the Institute at Dhanbad in the Republic of India.*

Given on the

  
कुलसचिव

Registrar



निदेशक एवं अध्यक्ष, शैक्षणिक परिषद्  
Director & Chairman, Academic Council



अध्यक्ष, कार्यकारी बोर्ड  
Chairman, Executive Board





**अभियांत्रिकी आचार्य**  
**Doctor of Philosophy**  
(Faculty of Engg. & Tech.)

This is to certify that

*Shri. Nitin Madhusingh Rane*

having been found to be duly qualified on  
examination of the thesis on

*Kinetics Investigation And Optimization Of  
The Adsorption Process For The Removal Of  
Chromium (VI) From Industrial  
Waste Water By Using Agro Waste*

was admitted to the degree of  
Doctor of Philosophy in the subject Chemical Tech.  
in the faculty of Engg. & Tech. in this University in the year 2016

*Amravati :*  
23 FEB 2017



*(Signature)*  
Vice-Chancellor

# THE UNIVERSITY OF SHEFFIELD



It is hereby certified that

**Sunil Kashiram Karad**

having fulfilled the requirements prescribed by Ordinances and after  
due examination was admitted to ~~the~~ degree of

**Doctor of Philosophy**

of this University  
on 5 December 1998

TRUE COPY

A handwritten signature in dark ink, appearing to read 'Anshu D. Bhanu'.

Anshu D. Bhanu  
Deputy Registrar

Maharaja Institute of Technology  
Pune



A handwritten signature in dark ink, appearing to read 'R. S. D. S.'.

Acting Registrar & Secretary

netth Roberts





# Institute of Chemical Technology

(University under Section 3 of UGC Act 1956)

## रसायन तंत्रज्ञान संस्था

Elite Status and Centre of Excellence, Government of Maharashtra, 2013



We,

The Chancellor, Vice Chancellor

and

Members of the Board of Management  
confer the Degree of

**Doctor of Philosophy**  
(Technology)

upon

**Parag Narayan Pushpa Sutar**

in the subject of **Chemical Engineering**  
at the Third Convocation  
held on **8th March, 2014.**

**Vice Chancellor कुलगुरु**

आम्ही,

कुलपती, कुलगुरु

आणि

व्यवस्थापन मंडळाचे सदस्य

डॉक्टर ऑफ फिलॉसॉफी  
(टेक्नॉलॉजी)

ही पदवी

**पराग नारायण पुष्पा सुतार**

यांना केमिकल इंजिनिअरिंग या विषयात

८ मार्च, २०१४ च्या

तृतीय दीक्षान्त समारंभात प्रदान करित आहोत.



000750





# Institute of Chemical Technology

(University under Section 3 of UGC Act 1956)

## रसायन तंत्रज्ञान संस्था

Elite Status and Centre of Excellence, Government of Maharashtra



We,

The Chancellor, Vice Chancellor  
and  
Members of the Board of Governors  
confer the Degree of  
**Doctor of Philosophy**  
(Technology)  
upon

**Sandeep Pandurang Pramila Shewale**

in the subject of **Chemical Engineering**  
at the Eighth Convocation  
held on **19<sup>th</sup> March, 2019.**

आम्ही,

कुलपती, कुलगुरु  
आणि  
व्यवस्थापन मंडळाचे सदस्य

**डॉक्टर ऑफ फिलॉसॉफी**  
(टेक्नॉलॉजी)  
ही पदवी

**संदीप पांडुरंग प्रमिला शेवाळे**

यांना केमिकल इंजिनिअरिंग या विषयात  
१९ मार्च २०१९ रोजी आयोजित  
८ व्या दीक्षांत समारंभात प्रदान करित आहोत.



*[Signature]*

Vice Chancellor कुलगुरु

003517

670655303337





# Institute of Chemical Technology

(University under Section 3 of UGC Act 1956)

## रसायन तंत्रज्ञान संस्था

Elite Status and Centre of Excellence, Government of Maharashtra

We,

The Chancellor, Vice Chancellor  
and  
Members of the Board of Governors  
confer the Degree of  
**Doctor of Philosophy**  
(Technology)  
upon

**Mayurkumar Prakash Sunanda Patil**

First name Father's name Mother's name Surname/Last name

in the subject of **Chemical Engineering**  
at the Eighth Convocation  
held on **19<sup>th</sup> March, 2019.**

*(Signature)*

**Vice Chancellor कुलगुरु**

आम्ही,

कुलपती, कुलगुरु

आणि

व्यवस्थापन मंडळाचे सदस्य

**डॉक्टर ऑफ फिलॉसॉफी**

(टेक्नॉलॉजी)

ही पदवी

**मयुरकुमार प्रकाश सुनंदा पाटील**

स्वतःचे नाव वडिलाचे नाव आईचे नाव

यांना केमिकल इंजिनिअरिंग या विषयात

**१९ मार्च २०१९ रोजी आयोजित**

८ व्या दीक्षांत समारंभात प्रदान करित आहोत.



**003527**

**991926518821**





## विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान नागपुर (भारत)

सुशीलकुमार बुद्धानंद मागाडे

को एतद् द्वारा अभिषद की अनुशंसा पर आज रविवार दि.15 सितंबर 2019 को

संस्थान की मुद्रांकित

आचार्य

उपाधि प्रदान करता है ।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को अगस्त 2019 में पूर्ण किया एवं  
अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया ।

### **VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY NAGPUR (INDIA)**

upon recommendation of the Senate hereby confers the degree of

**Doctor of Philosophy**

on

**Sushilkumar Budhanand Magade**

who has fulfilled the requirements as prescribed  
under the regulations and has successfully defended  
the thesis in August 2019 titled

**"Numerical Analysis of Pile Foundation"**

Given this day, Sunday 15th September 2019

Given under the seal of the Institute.

*SRsath*

कुलसचिव  
REGISTRAR

*V R Jauhar*

अध्यक्ष, अभिषद  
CHAIRMAN, SENATE

*V R Jauhar*

अध्यक्ष, शासी मंडल  
CHAIRMAN, BOARD OF GOVERNORS



We, the Chancellor, Vice Chancellor and Members of the Board of Management  
of SVKM's Narsee Monjee Institute of Management Studies,  
certify that

**Shitalkumar Jain**

(Son/Daughter of Shri. Arvind and Smt. Kanaklata)

has presented a thesis for the degree of

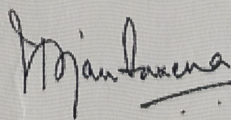
**Doctor of Philosophy**

**(Engineering)**

which has been accepted by the examiners.

The said degree has been conferred on him/her at the convocation  
held in the month of August of the year 2017.

In testimony whereof is set the seal of the said  
Deemed-to-be University and the signature of the said Vice Chancellor.



Vice Chancellor

Date : August 11, 2017





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

KAKINADA - 533 003, ANDHRA PRADESH, INDIA

Sl. No. K 00446845

PC. No. 2019DEC19PHD03



NO IMAGE

**PROVISIONAL CERTIFICATE**

Hall Ticket No. : 10022P0536

Institution : JNTUK Kakinada

Aadhar No. :

This is to certify that Mr/Mrs. **RAJESHWARI**

son/daughter of Shri. **SANGAPPA HONNAPPAGOL** has satisfied

all the requirements for the award of **Doctor of Philosophy** in the

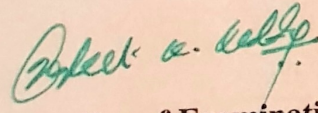
faculty of **COMPUTER SCIENCE AND ENGINEERING** for the Thesis

entitled "Remote Monitoring of Computer Network through Mobile Device".

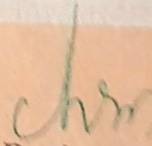


Date : 19-12-2019

\* Medium of Instructions and Examinations in English

  
Controller of Examinations

  
Director of Evaluation

  
Registrar





# University of Mumbai

## मुंबई विद्यापीठ

We,

the Chancellor, the Vice Chancellor  
and

Members of the Management Council  
of the University of Mumbai,

confer the Degree of

**DOCTOR OF PHILOSOPHY  
(SCIENCE & TECHNOLOGY)**

on

**BHUTE AVINASH NARAYANRAO**

of Veermata Jijabai Technological Institute (Autonomous)

for Thesis submitted in (Computer Engineering Branch)

in MARCH 2018

and accepted by the Examiners

at the Convocation

held on 11th January 2019.

आम्ही,

कुलपती, कुलगुरु  
आणि

व्यवस्थापन परिषदेचे सदस्य, मुंबई विद्यापीठ,

विद्या वाचस्पती

विज्ञान व तंत्रज्ञान विद्या

ही पदवी

भुते अविनाश नारायणराव

वीरमाता जिजाबाई टेक्नॉलॉजीकल इन्स्टिट्यूट (स्वायत्त)

यांना

(संगणक अभियांत्रिकी शाखा) या विषयात

मार्च २०१८ मध्ये

सादर केलेला प्रबंध परीक्षकांनी स्वीकृत केल्याबद्दल

११ जानेवारी २०१९ च्या

दीक्षान्त समारंभात प्रदान करित आहोत.

Prof. Suhas Pednekar

Vice Chancellor

प्रा. सुहास पेडणेकर

कुलगुरु

0979026



18-PSIVA-18M-709-00000027





## Ram Krishna Dharmarth Foundation University, Bhopal (MP)

(Established by an act of Govt. of M.P. and registered under UGC 2(f) 1956)

Ref No.: 679/RKDF/2018

Date: 13.10.2018

### Notification

It is notified that as per provisions of Ram Krishna Dharmarth Foundation University Ordinance No.11 and powers vested through Madhya Pradesh Niji Vishwavidyalaya (Sthapana Avam Sanchalan) Adhiniyam 2007 (Act 17 of 2007) and Madhya Pradesh Niji Vishwavidyalaya (Sthapana Avam Sanchalan) Dwitiye Sansodhan Adhiniyam 2013 (Act 30 of 2013), the Vice Chancellor, as per Section 20 of Ordinance No. 11 and on behalf of Board of Management, after considering the reports of concerned examiners, has accepted the thesis submitted by the candidate and declared eligible for the award of degree of 'DOCTOR OF PHILOSOPHY' (Ph.D.) in accordance with UGC regulation 2009.

Name of candidate	Faculty, Subject, Registration no., date	Title of thesis	Name of Supervisor/ Co-supervisor	Date of approval by Vice Chancellor
Mr. Manish B. Giri	Faculty of Engineering and Technology, Computer Science and Engineering, RKDF/Ph.D/E&T/C SE/2015-02, 24.01.2015	A Multi Method Analysis and Implementation of an Automated Water Distribution System for Agriculture using Wireless Sensor Network	Dr. Ravi Kumar Singh Pippal	13.10.2018

Registrar

#### Copy to:

1. The Secretary, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi. 110002.



AADHAAR NUMBER  
3221 2807 7792



PHD-0077

the Chancellor, the Vice-Chancellor, the Pro Vice-Chancellor, members  
of the Board of Management and the Academic Council of the



*Bharati Vidyapeeth*  
*(Deemed to be University) Pune.*

(Established u/s. 3 of the UGC Act 1956)

*Certify that the Degree of*

*Doctor of Philosophy*  
*Ph. D. (Electronics Engineering)*

*has been conferred on*

*Sakhare Dipti Yashodhan*

*at Pune, on the*

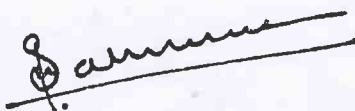
*22nd day of the month of June*

*in the year Two Thousand Eighteen*

*who has been found duly qualified for the same.*

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





VICE CHANCELLOR



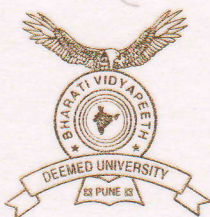
CHANCELLOR







PHD-0073



the Chancellor, the Vice-Chancellor, members of the  
Board of Management and the Academic Council of the

*Bharati Vidyapeeth*  
*Deemed University, Pune (India)*

(Established u/s. 3 of the UGC Act 1956)

*Certify that the Degree of*

*Doctor of Philosophy*  
*Ph. D. (Computer Engineering)*

*has been conferred on*

*Sunita Shivprakash Barve*

*at Pune, on the*

*4th day of the month of April*

*in the year Two Thousand Seventeen*

*who has been found duly qualified for the same.*

*In Testimony whereof are set the Seal of the University and the*

*Signatures of the Chancellor and the Vice-Chancellor.*



VICE CHANCELLOR

CHANCELLOR





11610506

## भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

विद्या परिषद की अनुशंसा पर

अभिकल्प में

विद्या वाचस्पति की उपाधि

श्रीकांत विट्ठल साल्वे

को इस उपाधि के प्रदान हेतु विनियम विहित अपेक्षाएँ मार्च 2017 में सफलतापूर्वक पूर्ण करने पर प्रदान करता है।

भारतीय गणराज्य के अंतर्गत गुवाहाटी में आज 23 जून 2017 को संस्थान की यह मुद्रा अंकित उपाधि दी गई।

## INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

upon the recommendation of the Senate hereby confers the degree of

**Doctor of Philosophy**

in

**Design**

on

**Shrikant Vitthal Salve**

who has successfully completed in March 2017, the requirements prescribed under the regulations for the award of this degree.

Given this day, under the seal of the Institute at Guwahati in the Republic of India, the 23<sup>rd</sup> day of June, 2017.

**Thesis Title :** Data Entry Errors in Rural Context: Evaluation and Design of Efficient Error Limiting Intelligent Interface for Rural and Semi-urban Indian Data Entry Operators

*Gautam Biswas*

निदेशक एवं  
अध्यक्ष, विद्या परिषद  
Director and  
Chairman, Senate

*[Signature]*

कुलसचिव  
Registrar

*Rajiv*

अध्यक्ष,  
शासी मंडल  
Chairman,  
Board of Governors

Signature valid

Digitally signed by UTTAM CHANDRA DAS  
Date: 2017.06.22 21:56:30  
Reason: Visit NAD for e-verification/download, using  
NAD ID.  
Location: IIT Guwahati



# University of Pune



## Declaration of result of the Doctor of Philosophy ( Ph.D. )

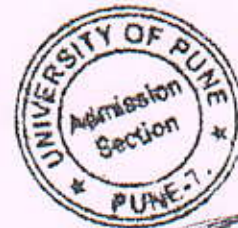
**Bhalerao Yogesh Jayant** ( भालेराव योगेश जयंत )

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 defence 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.

### RELEVANT DETAILS ARE AS UNDER:

- |                                  |  |
|----------------------------------|--|
| 1. Faculty                       | : Engineering  |
| 2. Subject                       | : Mechanical   |
| 3. Title of the Thesis           | : "A Thermal Analysis of Grinding Process"   |
| 4. Place of Research             | : Government College of Engineering,<br>Pune- 411 005.   |
| 5. Name and Address of the Guide | : Dr. S. R. Kajale<br>Mechanical Engineering Department,<br>Government College of Engineering,<br>Pune- 411 005. |
| 6. Date of Registration          | : 3 <sup>rd</sup> July, 2004.  |
| 7. Date of Declaration of Result | : 14 <sup>th</sup> December, 2008.   |

Ganeshkhind, Pune 411007.  
Ref. No. PGS/Ph.D. 9973  
Date : 15.12.08



For Controller of Examinations





# Punyashlok Ahilyadevi Holkar Solapur University, Solapur



*We, the Chancellor, Vice-Chancellor and members of the Management Council, on the recommendation of the Academic Council, certify that*



**Doctor of Philosophy  
Mechanical Engineering**

*has been conferred on the 22<sup>nd</sup> day of the month of*

*February in the year Two Thousand Twenty One*

*at Solapur on*

**Malge Abhijeet Manikrao**

*(Aadhaar No. 252994743194 )*

**Mother's Name - Indira**

*Who has been found duly qualified for the same*

*In testimony whereof are set the seal of the University  
and the Signature of the Vice - Chancellor.*



*M. Fadnis*  
**Vice - Chancellor**



15162017



1650





सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत (गुजरात, भारत)  
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA)

कांबले अविनाश गुलाबराव  
को एतद्वारा यांत्रिकी अभियांत्रिकी में  
**विद्या वाचस्पति**  
की उपाधि प्रदान करता है।

अभिषेक की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि,  
आवाप्ति हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर तथा  
दिसम्बर, २०१६ में अपने शोध-निबंध के सफल पक्षपोषण के उपरान्त,  
सूरत, भारतीय गणराज्य में आज बार्डस जनवरी, २०१७ को दी गई है।

*Upon recommendation of the Senate  
hereby confers the degree of  
**Doctor of Philosophy**  
in Mechanical Engineering  
on*

*Kamblé Avinash Gulabrao*

*who has fulfilled the requirements for the degree as prescribed under the  
regulations and has successfully defended in December, 2016, the thesis entitled:*  
**Gas Metal Arc Welding of Selected Grades of Stainless Steel**

*Given this day, under the seal of the Institute at Surat  
in the Republic of India, the Twenty Second of January, 2017.*



  
Registrar

  
Chairman,  
Senate

  
Chairperson,  
Board of Governors





# University of Pune



## Declaration of Result of the Doctor of Philosophy (Ph.D.) **Kalos Pritam Suryaprakash** ( कल्लस प्रलतम सुर्यप्रकाश ) Mother's Name :- Mrunalini ( मृणाललनल )

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 defence 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 : Engineering
- 2 Subject : Production Engineering.
- 3 Title of the Thesis : Design and Development of Intelligent Monitoring and Controlling System for Manufacturing Quality Control
- 4 Place of Research : Govt. College of Engineering, Shivajinagar, Pune-411005
- 5 Name and Address of the Guide : Dr. L. G. Navale  
Modern Education Society's,  
College of Engineering, Pune-411 001
- 6 Name and Address of the Co-Guide : Dr. B. B. Ahuja  
Govt, College of Engineering,  
Shivajinagar, Pune-411 005
- 7 Name and Address of the Co-Guide : Dr. K.N Nandurkar  
K. K. Wagh IEE&R, Nashik-422 003
- 8 Date of Registration : 3<sup>rd</sup> May 2006
- 9 Date of Declaration of Result : 11<sup>th</sup> July 2011

Ganeshkhind, Pune 411007.  
Ref. No. PGS/Ph .D. /463  
Date: 15.7.2011

For Controller of Examinations







136105008

## भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

विद्या परिषद की अनुशंसा पर

अभिकल्प में

विद्या वाचस्पति की उपाधि

### शिल्पी बोरा

को इस उपाधि के प्रदान हेतु विनियम विहित अपेक्षाएँ अगस्त 2018 में सफलतापूर्वक पूर्ण करने पर प्रदान करता है।

भारतीय गणराज्य के अंतर्गत गुवाहाटी में आज 12 जून 2019 को संस्थान की यह मुद्रा अंकित उपाधि दी गई।

### INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

upon the recommendation of the Senate hereby confers the degree of

### Doctor of Philosophy

in

### Design

on

### Shilpi Bora



who has successfully completed in August 2018, the requirements prescribed under the regulations for the award of this degree.

Given this day, under the seal of the Institute at Guwahati in the Republic of India, the 12<sup>th</sup> day of June, 2019.

**Thesis Title :** An Ergonomic Study on Occupational Wellbeing and Womenness Issues of Assam Police

*Gautam Biswas*

निदेशक एवं  
अध्यक्ष, विद्या परिषद  
Director and  
Chairman, Senate

*M. H. H. H.*

कुलसचिव  
Registrar

*Gautam Biswas*

अध्यक्ष,  
शासी मंडल  
Chairman,  
Board of Governors





सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत (गुजरात, भारत)  
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA)

*Upon recommendation of the Senate  
hereby confers the degree of*

***Doctor of Philosophy***

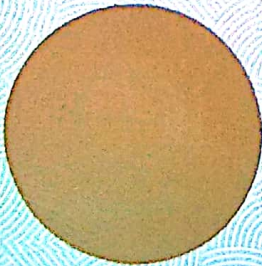
*in Mechanical Engineering*

*on*  
***Bhosale Vishal Ashok***


*who has fulfilled the requirements for the degree as  
prescribed under the regulations and has successfully defended in  
September 2017, the thesis entitled:*

**Select Study of Knowledge Flow in Supply Chain for Indian Manufacturing  
Organisations**

*Given this day, under the seal of the Institute at Surat  
in the Republic of India,  
the Twenty Ninth of October, 2017.*



  
Registrar

  
Chairman,  
Senate

  
Chairperson,  
Board of Governors

Sr No.: D13ME006/10/2017 - 3B





# SATHYABAMA

## INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University Under Section 3 of UGC Act, 1956)



The Board of Management of Sathyabama Institute of Science and Technology hereby makes known that **PRAMOD DATTATRAYA GANJEWAR** has been conferred the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **FACULTY OF COMPUTER SCIENCE AND ENGINEERING**, having been certified by duly appointed examiners to be qualified to receive the same on **NOVEMBER 2019** for the thesis entitled **ENERGY EFFICIENCY IMPROVEMENT USING DATA MINING APPROACH IN WIRELESS SENSOR NETWORKS** given under the seal of the institution, at Chennai this **EIGHTEENTH** day of **SEPTEMBER 2020**

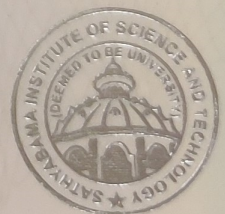
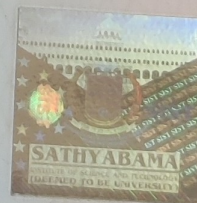
Given under the seal of the Institution

Vice Chancellor

Chancellor



Dated : September 18, 2020



Jeppiaar Nagar, Chennai-600119,  
Tamil Nadu, INDIA.







**विज्ञान व तंत्रज्ञान आचार्य**

**Doctor of Philosophy**

**(Faculty of Science and Technology)**

This is to certify that

*Ku Prachi Rohit Rajarapolu*

having been found to be duly qualified on  
examination of the thesis on

*Design & Analysis Of Anti- Aliasing System For Smoothing The Color Images*

was admitted to the degree of  
Doctor of Philosophy in the subject Electronics and Telecommunication Engg.  
in the faculty of Science and Technology in this University in the year 2019.

*Chander*

Vice-Chancellor

Amravati:  
20.12.2019







**विज्ञान व तंत्रज्ञान आचार्य**

**Doctor of Philosophy**

**(Faculty of Science and Technology)**

This is to certify that

*Shri Aniket Dinesh Gundecha*

having been found to be duly qualified on  
examination of the thesis on

*Design And Development Of Multi-Energy Scavenging System For Wireless  
Sensor Networks.*

was admitted to the degree of  
Doctor of Philosophy in the subject Electronics and Telecommunication Engg.  
in the faculty of Science and Technology in this University in the year 2019.

*Chander*

Vice-Chancellor

Amravati:  
20.12.2019







# University Of Pune

(Formerly  
University of Poona)



## पुणे विद्यापीठ

We, the Chancellor,  
the Vice Chancellor and  
the Members of the Management Council  
and the Academic Council of the  
University of Pune certify  
that Ketha Prika  
Madan

having been examined and found duly  
qualified for the degree of

Doctor of Philosophy  
(Chemistry)

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

Vice Chancellor

Vice Chancellor

3rd December 1997

आम्ही, पुणे विद्यापीठाचे कुलपति, कुलगुरु  
आणि व्यवस्थापन परिषद व विद्या परिषद सदस्य,  
प्रमाणित करितो की,

कोठा अरीका

सदन

## विद्यावाचस्पति

(रसायनशास्त्र)

पदवीस पात्र झाल्याबद्दल त्यांना ही पदवी प्रदान  
करण्यात येत आहे.

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



अतिरिक्त अधिकारी

कुलगुरु





## BARKATULLAH UNIVERSITY, BHOPAL.

No. 495 /BU/Acad./Ph.D./2004

Bhopal, Dated : 31-12-2004

### NOTIFICATION

In Exercise of the powers conferred under Section 15(IV) of the Madhya Pradesh, Vishwavidyalaya Adhiniyam, 1973 the Vice Chancellor on behalf of the Executive Council is pleased to declare the following candidate qualified for the award of Degree of Doctor of Philosophy in the Subject and faculty mentioned against his/her name :-

**Name :** Puja Verma

**Subject and Faculty :** Physics (Science) ✓

**Title :** Nonradiative Coupled Dielectric Waveguides and Realization of Trapped Dielectric Overlay Coupler

By order of the Vice-Chancellor,

✓  
31/12  
REGISTRAR

Endt. No 496 /BU/Acad./Ph.D./2004

Bhopal. Dt 31-12-2004

Copy forwarded to :

1. Person concerned: Puja Verma, G-15/29, South T.T. Nagar, Bhopal
2. Guide concerned: 1. Dr. Alok Kumar Rastogi, Deptt. Of Physics, Govt. MVM., Bhopal
3. Examiner of the Thesis : 1. Dr. L.K. Singh, Professor of Physics, Dr. RML. Avadh University, Faizabad (U.P.)  
2. Dr. M.S. Tiwari, HOD. Physics, Dr. Hari Singh Gour University, Sagar (M.P.)
4. The Secretary, UGC, Bahadur Shah Zafar Marg, New Delhi.
5. The Secretary, Indian Council of Special Service & Research Indra Prastha Estate, New Delhi.
6. The Secretary, AIU, New Delhi.
7. The Secretary to the M.P. Government of Higher Education, Bhopal.
8. The Editors of all local dailies, with request to publish the above notification as a news item.
9. The Editor, University News Association of Indian University, New Delhi for favour of information, with a request to kindly publish it in the next issue of University News.

✓  
Dy. Registrar (Acad.)

Barkatullah University, Bhopal.

Pls to copy  
Att. 28/12  
Chy 10/1/05

Assistant Engineer  
Hod. Cons. in Division  
U.P. Jal Nigam AGRA



# University of Pune



**Declaration of result of the Master of Philosophy (M. Phil) Degree to**  
**Bidwai Sushma Shashikant ( बिडवाई सुषमा शशिकांत )**

**Mother's Name :- Smita ( स्मिता )**

The dissertation submitted by the above mentioned candidate for the award of the M. Phil. Degree has been accepted by the University as per reports of the referees. The candidate has also passed in theory papers, viva-voce examination and Final Seminar prescribed for this degree. Accordingly it is hereby notified that the above mentioned candidate is declared to have passed the M.Phil. Examination and has become eligible for the award of the degree.

**RELEVANT DETAILS ARE AS UNDER :**

1. Faculty : Arts & Fine Arts
2. Subject : English
3. Title of the Dissertation : "The Significance of Indirect Speech Acts With Reference to Jai Nimbker's Temporary Answers"
4. Place of Research : Institute of Advanced Studies in English, Ganeshkhind Road, Aundh, Pune, - 411 007.
5. Name and Address of the Guide : Dr. Munira Lokhandwala, Institute of Advanced Studies in English, Ganeshkhind Road, Aundh, Pune, - 411 007.
6. Date of Registration : 21<sup>st</sup> August, 2007.
7. Date of Declaration of Result : 19<sup>th</sup> June, 2009
8. Final Grade : 'O'

Ganeshkhind, Pune 411007.

Reference : No. PGS/M.Phil./3510

Date : 30/7/2009

For Controller of Examinations



**TRUE COPY**

**PRINCIPAL**

Rajmata Jijau Shikshan Prasarak Mandal's  
 Arts, Commerce & Science College

11.7.16





We,  
the Chancellor, Vice-Chancellor  
and Members of the Management Council of  
**Dr. Babasaheb Ambedkar Marathwada University,**  
Aurangabad (Maharashtra State), India

Certify that the withinsigned

*Vaishali Chandrakant Wangikar*

who has been found duly qualified for the Degree of  
**Doctor of Philosophy (Computer Engineering)**

The Degree of

**Doctor of Philosophy**  
**(Computer Engineering)**

(Under The Faculty of Science and Technology )

has been conferred on him/her at Aurangabad, on the twenty fifth  
day of the month of June in the year two thousand twenty one.

In Testimony whereof are set the Seal of the said University and the  
signature of the said Vice-Chancellor.

Date of Notification : 10th November 2020

Place : Aurangabad

Date of Issue : 25/06/2021

  
**Vice-Chancellor**





**Savitribai Phule Pune University**  
(formerly University of Pune)

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

**Hatte Prafulla Ratnakar**

( हत्ते प्रफुल्ल रत्नाकर )

**Mother's Name: Shailaja**

( शैलजा )

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:**

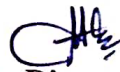
- 1 Faculty : Science & Technology
- 2 Subject : Mechanical Engineering
- 3 Title of the Thesis : "Experimental and Theoretical Investigation of Ethanol Gasoline Blend in Variable Compression Ratio Engine."
- 4 Place of Research : Department of Mechanical Engineering, MAEER's Maharashtra Institute of Technology, Pune, Sr. No. 124, Paud Road, Kothrud, Pune- 411 038
- 5 Name and Address of the Guide : Dr. Y. J. Bhalerao  
Department of Mechanical Engineering,  
MAEER's Maharashtra Institute of Technology,  
Pune, Sr. No. 124, Paud Road, Kothrud,  
Pune- 411 038
- 6 Date of Registration : 31<sup>st</sup> January, 2015
- 7 Date of Re-Registration : 31<sup>st</sup> January, 2020
- 8 Date of Declaration of Result : 7<sup>th</sup> January, 2021



Ganeshkhind, Pune 411007

Ref. No. PGS/Ph.D./42

Date: 19 JAN 2021

 19/1/2021  
for Director

Board of Examinations & Evaluation





**Savitribai Phule Pune University**  
(formerly University of Pune)

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

**Charde Maya Madhukar**

( चरडे माया मधुकर )

**Mother's Name: Kanta**

( कांता )

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                       | : | Mechanical Engineering  |
| 3 | Title of the Thesis           | : | "Thermal Analysis of Computer Numerical Controlled Grinding Operation with Minimum Quantity Lubrication."   |
| 4 | Place of Research             | : | Department of Mechanical Engineering,<br>MAEER's Maharashtra Institute of Technology,<br>Sr. No. 124, Paud Road, Kothrud, Pune- 411 038                       |
| 5 | Name and Address of the Guide | : | Dr. Y. J. Bhalerao<br>Department of Mechanical Engineering,<br>MAEER's Maharashtra Institute of Technology,<br>Sr. No. 124, Paud Road, Kothrud, Pune- 411 038 |
| 6 | Date of Registration          | : | 31 <sup>st</sup> January, 2015  |
| 7 | Date of Re-Registration       | : | 31 <sup>st</sup> January, 2020  |
| 8 | Date of Declaration of Result | : | 29 <sup>th</sup> January, 2021  |



Ganeshkhind, Pune 411007

Ref. No. PGS/Ph.D./ 72

Date:

**- 5 FEB 2021**

  
for Director

Board of Examinations & Evaluation





# भारतीय प्रौद्योगिकी संस्थान मुंबई कोथमिरे प्रमोद पोपट

को एतद्द्वारा

## विद्या वाचस्पति

की उपाधि प्रदान करता है ।

अभिषद की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि  
अवासि हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर  
तथा अपने शोध-प्रबंध के सफल पक्षपोषण के उपरांत  
मुंबई, भारतीय गणराज्य मे आज 27 फरवरी, 2021 को दी गई है

## Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

### Doctor of Philosophy

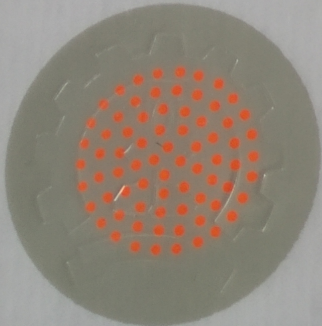
on

### Kothmire Pramod Papat

who has fulfilled the requirements for the degree as prescribed under the  
regulations and successfully defended the thesis entitled:

“Design Aspects of an Electrocoalescer.”

Given this day, under the seal of the Institute at Mumbai in the  
Republic of India, the 27th day of February 2021.



अध्यक्ष, अभिषद  
Chairperson, Senate

कुलसचिव  
Registrar

अध्यक्ष, शासी मंडल  
Chairman, Board of Governors





**Savitribai Phule Pune University**  
(formerly University of Pune)  
**Declaration of Result of the Doctor of Philosophy (Ph.D.)**

**Gajbhiv Satish Gulabrao** ( गजभीव सतिश गुलावराव )

**Mothers Name: Lata** ( लता )

University has accepted thesis submitted by the above-mentioned candidate for award of Ph. D., as per reports of referees and examiners of open defence 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 and Technology
2. Subject : Mathematics
3. Title of the Thesis : "A Study of Pseudo Differential Operators Involving Hankel-Type Transformation Associated With Function Spaces and Their Applications."
4. Place of Research : Department of Mathematics,  
Savitribai Phule Pune University  
Pune-411007.
5. Name and Address of the Guide : Prof. Dr. B. B. Waphare,  
Department of Mathematics,  
MIT Arts, Commerce and Science College,  
Dehu Phata, Alandi(D), Pune- 412 105
6. Date of Registration : 28<sup>th</sup> July, 2012
7. Date of Re-Registration : 28<sup>th</sup> July, 2017
8. Date of Declaration of Result : 9<sup>th</sup> October, 2020



Ganeshkhind, Pune - 411007.

Ref. No. PGS/Ph.D./395

Date: 31 OCT 2020

For Director

Board of Examinations and Evaluation



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR  
KHARAGPUR - 721302  
**PROVISIONAL CERTIFICATE**

*for the degree of*  
**Doctor of Philosophy (Ph.D.)**

*Certified that Ambardekar Vibhav Shriram Shruti of the Department of MECHANICAL ENGINEERING*


*has successfully completed all the prescribed requirements for the degree of Ph.D. of the Institute.*


*The date of the Ph.D. Viva-Voce examination is 04-02-2021*

*The title of the Ph.D. thesis is*

***Atmospheric Plasma Sprayed Metal Oxide Coatings: Understanding on their Sensing and Catalytic Conversion Characteristics of Toxic Gases Relevant to Air Quality Monitoring***

*This certificate is issued this day, the March 09, 2021, with the approval of the authorities.*

  
**Superintendent (PGS & R)**

  
**Joint Registrar (Academic) / Assistant Registrar (PGS&R)**  
Assistant Registrar (PGS & R)  
I.I.T., Kharagpur

***Note : Validity of this certificate will expire after the degree is awarded in the next convocation.***





**Savitribai Phule Pune University**  
(formerly University of Pune)

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

**Muthekar Vijay Vitthal**

( मुठेकर विजय विठ्ठल )

**Mother's Name : Rukmini**

( रुक्मिणी )

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                       | : | Civil Engineering  |
| 3 | Title of the Thesis           | : | "Empirical and Theoretical Investigation for Groundwater exploration using Light Interference Technique in Pune Region"  |
| 4 | Place of Research             | : | Department of Civil Engineering,<br>JSPM's Rajarshi Shahu College of Engineering<br>S.No. 80, Pune-Mumbai By Pass Highway,<br>Tathawade, Pune- 411 033.                          |
| 5 | Name and Address of the Guide | : | Dr. Avinash G. Kharat<br>Department of Civil Engineering,<br>JSPM's Rajarshi Shahu College of Engineering<br>S.No. 80, Pune-Mumbai By Pass Highway,<br>Tathawade, Pune- 411 033. |
| 6 | Date of Registration          | : | 04 <sup>th</sup> May, 2016   |
| 7 | Date of Declaration of Result | : | 14 <sup>th</sup> March, 2020   |



Ganeshkhind, Pune 411007

Ref. No. PGS/Ph.D. / 166

Date:

19 MAR 2020

for Director

Board of Examinations & Evaluation



# THE LNM INSTITUTE OF INFORMATION TECHNOLOGY

*The Governing Council of the Institute  
on the recommendation of the Academic Council  
confers upon*



**Surendra Deochand Barewar**

**THE DEGREE OF**

**DOCTOR OF PHILOSOPHY**

**In recognition of research work on**

**Jet Impingement Heat Transfer Enhancement with Hybrid  
Nanofluids**

*with all of its privileges and obligations given this  
second day of April Two Thousand & Twenty Two*

LNMIT/2021/16PNM001/0008

**CHAIRMAN**  
Governing Council

**REGISTRAR**

**DIRECTOR**





# मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान, भोपाल

मध्य प्रदेश, भारत  
अभिषेक की अनुशंसा पर



Scholar No. 133211007

श्याम नारायण शुक्ला

को

जनपद अभियांत्रिकी

में

न्यूमेरिकल स्टडी फॉर परफॉरमेंस इम्प्रोवमेंट ऑफ डबल सक्शन स्प्लिट केस सेन्ट्रीफ्यूगल पंप

डॉक्टर ऑफ फिलॉसफी

की उपाधि उनके द्वारा इस उपाधि की अवाप्ती हेतु विनियम विहित अहर्ताओं को सफलतापूर्वक वर्ष सितम्बर, 2018 में पूर्ण करने पर एतद् द्वारा प्रदान करता है।

भारतीय गणराज्य के अंतर्गत भोपाल में आज दिनांक 09 नवम्बर, 2019 को संस्थान की मुद्रा सहित दी गई।

## MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL

Madhya Pradesh, India

Upon recommendation of the Senate, hereby confers the degree of

Doctor of Philosophy

in

CIVIL ENGINEERING

on

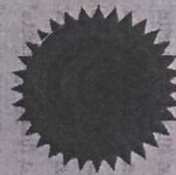
SHYAM NARAYAN SHUKLA

For his/her research work entitled

Numerical Study for Performance Improvement of Double Suction Split Case Centrifugal Pump who has successfully completed the requirements prescribed under the regulations

for the award of this degree in September, 2018

Given this day, the 09 November, 2019 under the seal of the Institute at Bhopal in the Republic of India.



कुलसचिव  
Registrar

निदेशक एवं अध्यक्ष, अभिषेक  
Director & Chairman, Senate

अध्यक्ष, शासी निकाय  
Chairperson, Board of Governors

Self Attested  
06/04/2021





# SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under Section 3 of the UGC Act, 1956)  
Re-accredited by NAAC with 'A' Grade (3.58/4) | Awarded Category - I by UGC

*We, the Chancellor, Pro Chancellor, Vice Chancellor and  
Members of the Board of Management and Academic Council  
of Symbiosis International (Deemed University) certify that*

***Mahesh Prakash Joshi***

*Mother's Name: Lalita*

*has been examined and found duly qualified for*

***Doctor of Philosophy***

***(Faculty of Engineering)***

***" Combustion Analysis of CI Engine Fuelled with  
Algae Biofuel Blends Using Artificial Neural Network "***

*The said degree has been conferred upon the student  
at the Eighteenth Convocation held on  
Twelfth December Two Thousand & Twenty One.  
In testimony whereof is set the seal of the said University.*

Vice Chancellor

Chancellor





17PHD0087

Sl. No. 123970



The Board of Management of the  
Vellore Institute of Technology (VIT)  
hereby confers on



SHREEKANT PATIL

the degree of

DOCTOR OF PHILOSOPHY

in recognition of the research work entitled

DEVELOP A METHOD FOR ESTIMATING RESIDUAL STRENGTH OF COMPOSITE  
STRUCTURES DAMAGED BY IMPACT LOADING

for having fulfilled the prescribed requirements.

The degree has been awarded in compliance with the  
"University Grants Commission, Regulations 2009"

given this day the 16 March 2021



Given under the seal of this university



*R B Keshava*  
Vice - Chancellor

*Shreekant Patil*  
12/03/21  
*[Signature]*

Chancellor

Dated: 09-Sep-2021

Vellore - 632 014, Tamil Nadu, India





**Savitribai Phule Pune University**  
(formerly University of Pune)

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

**Totala Nilesh Balkishan**

( तोतला निलेश बालकिशन )

**Mother's Name: Chandrakala**

( चंद्रकला )

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 : Mechanical Engineering
- 3 Title of the Thesis : "Thermo Mechanical Parametric Investigation of Temperature Gradient over Cylinder Liner in view of its Liner Distortion."
- 4 Place of Research : Department of Mechanical Engineering,  
ZES's Zeal College of Engineering and Research,  
Sr. No. 39, Narhe, Pune- 411 041
- 5 Name and Address of the Guide : Dr. C. L. Prabhune  
Department of Mechanical Engineering,  
ZES's Zeal College of Engineering and Research,  
Sr. No. 39, Narhe, Pune- 411 041
- 6 Date of Registration : 21<sup>st</sup> July, 2012
- 7 Date of Re-Registration : 21<sup>st</sup> July, 2017
- 8 Date of Declaration of Result : 3<sup>rd</sup> December, 2021



Ganeshkhind, Pune 411007

Ref. No. PGS/Ph .D. / 656

Date: 31/12/2021

*[Signature]*  
for Director

Board of Examinations & Evaluation





A Grade  
NAAC Re-accredited  
(3<sup>rd</sup> Cycle)

# Kavayitri Bahinabai Chaudhari North Maharashtra University Jalgaon, Maharashtra, India

(Formerly North Maharashtra University, Jalgaon)

We, the Chancellor, the Vice Chancellor, the Members of the Management Council  
and the Academic Council of the Kavayitri Bahinabai Chaudhari North Maharashtra University,  
certify that



*Rashmi*

**Mahajan Rashmi Pralhad**

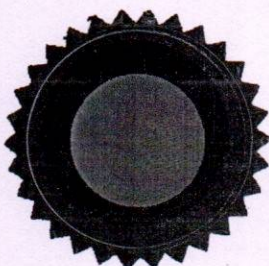
Being found duly qualified for the degree of

## Doctor of Philosophy

(In Electronics Engineering under the faculty of Science And Technology)

The said degree has been conferred on him/her on **February 09, 2019**

In Testimony whereof are set the seal of the University and  
the signature of the Vice Chancellor.



*Rashmi*

*R. Pralhad*

Vice Chancellor



0173  
6510

Use QR & Degree Code For Online Verification

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**KONERU LAKSHMAIAH EDUCATION FOUNDATION**

(Deemed to be University)

Estd. u/s. 3 of the UGC Act, 1956

Sl. No. 000590

**PROVISIONAL CERTIFICATE  
(DOCTOR OF PHILOSOPHY)**

**PANDE SANDEEP DWARKANATH**

*This is to certify that Sri. / Smt. / Kum.*

*Regd. No. :* 13303098

*Son / Daughter of* **DWARKANATH PANDE**

*has qualified himself / herself for the award of Doctor of philosophy Degree by  
Research for the thesis submitted by him / her entitled*

"DESIGN AND IMPLEMENTATION OF AN INTEGRATED FRAMEWORK FOR MEDICINAL  
LEAF RETRIEVAL AND CLASSIFICATION BASED ON BEZIER CURVES USING MACHINE  
LEARNING APPROACH"

*and that he / she has done all that is necessary for the formal presentation of  
Degree of Doctor of Philosophy in* **COMPUTER SCIENCE AND ENGINEERING**

*in the year* 2021

*Date:* 23.08.2021

CONTROLLER OF EXAMINATIONS

REGISTRAR