

Washtrasant 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, 1954)"



Doctor of Philosophy (विज्ञान आचार्य) (Faculty of Science)

*This is to certify that
Shri Amit Nathuram Gupta having been found
to be duly qualified on examination of the thesis on
"Synthesis, Characterization and Thermokinetic Studies
of Polymer Resins" was admitted to the degree of
Doctor of Philosophy (विज्ञान आचार्य) in the
Faculty of Science in this University in the
year 2014.*

Nagpur

Dated : 26-9-2014

Aroop Kumar
Vice-Chancellor

Principal

Science/100-2014/09

College of Engineering & Management
Khandala, Katol Road
Nagpur-441501





PONDICHERRY UNIVERSITY

(A Central University)
Pondicherry



Provisional Certificate

46008

This is to certify that ANBURAJ, R having completed all the requirements relating to Ph.D Degree has been declared eligible for the award of the Degree of Doctor of Philosophy of the University in MECHANICAL ENGINEERING with effect from 30.04.2018.

The title of the Ph.D Thesis is "Study on Influence of Nano Additives in Minimum Quantity Lubrication System in Metal Cutting Operation".

The Degree will be awarded to him/her in due course.

Valid till the original Degree is issued.

Office Seal

Date: 24 MAY 2018



ESTABLISHED BY ACT OF
PARLIAMENT 53 OF 1985

B. Chidambaram
CONTROLLER OF EXAMINATIONS

Principal

J.D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501

Rashtrasant Tukadoji Maharaj Nagpur University

"Established by Government of Central Provinces Education Department by Notification No. 573 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1990"



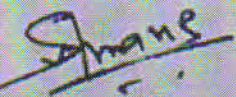
Doctor of Philosophy (समाजविज्ञान आचार्य) (Faculty of Social Sciences)

*This is to certify that
Smt. Asha Vyas having been found to be duly qualified
on examination of the thesis on "Patterns and Problems of
Health Administration in The Municipal Corporation of
Nagpur (A Study of Nagpur City)" was admitted to the
degree of Doctor of Philosophy (समाजविज्ञान आचार्य) in
the Faculty of Social Sciences in this University in
the year 2016.*

Nagpur

Date: 11-11-2016

Principal


Vice-Chancellor

D. College of Engineering & Management
Khandala, Kator Road
Nagpur-441501

Reg. No. 96TME 219

NAGARJUNA UNIVERSITY



FACULTY OF ENGINEERING

This is to certify that

Venkata Ramana Bendi

*has been duly admitted to the
Degree of Bachelor of Technology
(Mechanical)*

*in this University, he/she having been declared
to have passed in First Class with
Distinction the Examination prescribed
therefor held in April 192000.*

Given under the Seal of the University

NAGARJUNANAGAR

The 9 AUG 2000 199

Principal

J.D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441503

[Signature]
REGISTRAR

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 (विज्ञान आचार्य) (Faculty of Science)

*This is to certify that
Ku. Bhavana Haridas Meshram having been found to
be duly qualified on examination of the thesis
on "Development of Biosensors Based on Enzyme
Immobilized Conducting Polymers" was admitted to the
degree of Doctor of Philosophy (विज्ञान आचार्य) in
the Faculty of Science in this University in the
year 2016.*

Nagpur

Dated : 19-11-2016

[Signature]
Principal
Vice-Chancellor
J.D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501



FACULTY OF ENGINEERING

This is to certify that

Boddu Raja Sarath Kumar

has been duly admitted to the

Degree of Doctor of Philosophy

Computer Science and Systems Engineering

in Andhra University, in the Honorary list declared to be

qualified to receive the same in **2013**

Given under the Seal of the University

Principal

J.D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501

Vice-Chancellor

Principal, J.D. College

Date: 10th February, 2014

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 Science (अभियांत्रिकी व तंत्रशास्त्र पंडित) (Faculty of Engineering & Technology)

*This is to certify that
Dr. Jayant Pandurang Modak having been found to be
duly qualified on examination of his treatise on "Human
Powered Flywheel Motor : Concept, Design, Dynamics
and Applications" was admitted to the degree
of Doctor of Science (अभियांत्रिकी व तंत्रशास्त्र पंडित)
in the Faculty of Engineering & Technology in
this University in the year 2016.*

Nagpur

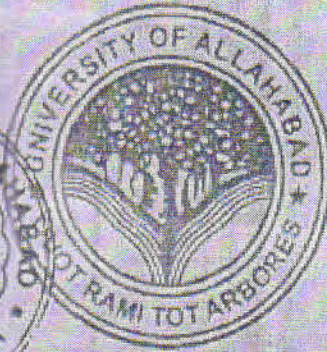
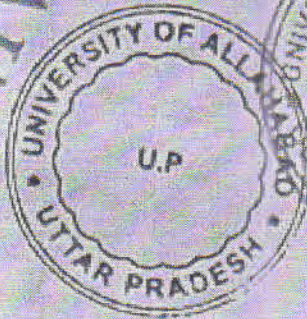
Dated : 19-11-2016

Principal

J.D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501

Vice-Chancellor

UNIVERSITY OF ALLAHABAD



Encl. No. 18752/2013

Roll No. 199

Doctor of Philosophy

This is to certify that Palla Karunakar Reddy

has been completed the Degree of Doctor of Philosophy in

Computer Science & Engineering in this University


at the Convocation of April-2018

Topic : "Providing Security For Wireless Local Area

Network With Pre Share Key Authentication

Using Advanced Encryption Standard".

University of Allahabad:


Controller of Examination
University of Allahabad
Uttar Pradesh



Vice-Chancellor.

The 04-May-2018

Washirasant Tukadoji Maharaj Nagpur University

Established by Government of Central Provinces Education Department by Act Number No. 123 dated 17th of August 1921 & amended by State Legislature passed by Maharashtra Public Instruction Act, 1956 (No. 46) and No. 17 of 1957

Re-accredited 'A' Grade by NAAC

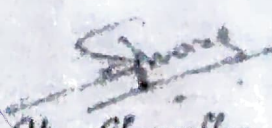


Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

*This is to certify that
Shri Mahendra Pandharinath Nimkar having been
found to be duly qualified on examination of the thesis
entitled "Parametric Studies on Heat Transfer by Natural
Convection in Plates" was admitted to the degree of
Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) in
the Faculty of Science and Technology in the
Subject of Mechanical Engineering in this University
in the year 2018.*

Nagpur

Date: 19.1.2019


Vice-Chancellor

Principal
106th Convocation 2019
D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501

**Waghtrasant Tukadoji Maharaj
Nagpur University**



**Doctor of Philosophy
(वाणिज्य आचार्य)
(Faculty of Commerce)**

*This is to certify that
Shri. Manoj Kumar Rao having been found to be
duly qualified on examination of the thesis on
"Credit Appraisal and Risk Management System
Adopted By Bank of India To Finance Small and
Medium Enterprises" was admitted to the degree of
Doctor of Philosophy (वाणिज्य आचार्य) in the
Faculty of Commerce in this University in the
year 2016.*

Nagpur

Dated : 19-11-2016

[Signature]
Vice-Chancellor

Principal

**J.D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501**

Washtrasant Tukadoji Maharaj Nagpur University

Established by Government of Central Provinces Education Department by Notification No. 513 dated the 27th 8-1920 (1921) & provided a State University governed by Maharashtra Public Universities Act, 2010 (Mah. Act No. 56 of 2010)

Re-accredited 'A' Grade by NAAC



Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

*This is to certify that
Ku. Namrata Vijay Pradnyakar having been found
to be duly qualified on examination of the thesis
entitled "Effect of dopants on dielectric optical and domain studies of
ferroelectric Ba₅Ti₂O₁₂Cl₄" was admitted to the degree of
Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) in
the Faculty of Science and Technology in the
Subject of Physics in this University in the
year 2018.*

Nagpur

Dated : 19-1-2019

Self Attested
[Signature]

[Signature]

[Signature]
Vice-Chancellor

106th Convocation 2019

Rashtrasant Tukadoji Maharaj Nagpur University

* Established by Government of Central Provinces Education Department by Notification No. 1000/1907
Originally a State University governed by Maharashtra Public Universities Act, No. 19 of 1956

Re-accredited 'A' Grade by NAAC



Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

*This is to certify that
Smt. Nishigandha Jagdish Gawande having been found
to be duly qualified on examination of the
thesis entitled "Multicomponent Sorptive Removal of
Metal Content from Aqueous Solution by Granular
Activated Carbon" was admitted to the degree of
Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) in
the Faculty of Science and Technology in the
Subject of Chemistry in this University in the
year 2017.*

Nagpur

Dated : 3-12-2017

S. Mans
Vice-Chancellor

104th Convocation 2017

Science & Technology/104-3122917/022

Principal
D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501

Self-assessed
[Signature]



Sl. No.: 01494

Reg.No.: 09RECS1017

The Board of Management of this University
hereby makes known that

Visu .P

has been admitted to the Degree of
Doctor of Philosophy

in

Computer Science and Engineering

having been certified by duly appointed examiners to be qualified
to receive the same in the year **Aug - 2013**
in accordance with the provisions of
UGC Regulations, 2009 (for award of Ph.D.Degree)

Title of the Thesis:

**Vast Intelligence Swarm Usage Routing Protocol for
Wireless Ad hoc Network**

Given under the seal of the University

Dated: 09-11-2013



Registrar

Principal

J.D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501

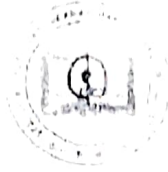
Vice-Chancellor

Chancellor

Rashtrasant Tukadoji Maharaj Nagpur University

Established by Government of Madhya Pradesh Education Department by Notification No. 100 dated 19th Feb 1959
Recognized as State University governed by Maharashtra Public Universities Act 2019 (May - Aug 1961, VI of 2019)

Re-accredited 'A' Grade by NAAC



Doctor of Philosophy (वाणिज्य व व्यवस्थापन आचार्य) (Faculty of Commerce & Management)

*This is to certify that
Ku. Parvin Tabassum Mohd. Harif Bahma having
been found to be duly qualified on examination
of the thesis entitled "Work Life Balance and its Impact
on Job Satisfaction and Motivation of Health Care,
Professionals with Respect to Public and Private Hospitals
in Nagpur District" was admitted to the degree of
Doctor of Philosophy (वाणिज्य व व्यवस्थापन आचार्य)
in the Faculty of Commerce & Management in the
Subject of Business Administration & Business
Management in this University in the year 2019.*

Nagpur

Dated: 18-1-2020

Principal

J.D. College of Engineering & Management
Khandala, Katol Road

Vice-Chancellor

107th Convocation 2020

GONDWANA UNIVERSITY GADCHIROLI

गोंडवाना विद्यापीठ गडचिरोली

M.T.D.C. Road Complex, Gadchiroli - 442 605 (Maharashtra)

(Established by Government of Maharashtra by Notification No. MISC-2007/(322/07) UNI-4 dated the 27th of September 2011
and a State University presently governed by Maharashtra Universities Act, 1994)

033569



Doctor of Philosophy

(Faculty of Science & Technology)

(विज्ञान व तंत्रज्ञान आचार्य)

This is to certify that
Mr. Pravin Ramdas Kshirsagar *having pursued a*
course of study prescribed by this University and having
passed the requirements by Examination and by thesis
has been admitted to the degree of Doctor of Philosophy
in the Subject Electronics Engineering in the Faculty of
Science & Technology for the Thesis entitled

"Prediction of Chaotic Behaviour In Biomedical Signals Using Soft Computing Techniques."

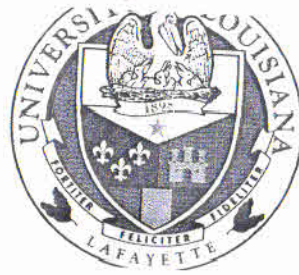
The Candidate has been declared for the award of the
Degree of Ph. D. in the year 2018

Gadchiroli: 31st March, 2018

Vice-Chancellor

Principal

D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441503



UNIVERSITY OF LOUISIANA AT LAFAYETTE

Certificate of Completion

presented to

Dr. Pravin Ramdas Kshirsagar

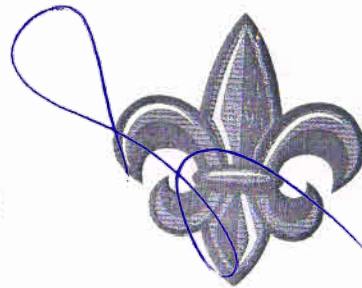
Topic : Explainable artificial intelligence for commercial applications

Guide - Dr. Martin Margala Co-guide -Dr. Prasun Chakrabarti

Duration - September 01 ,2022 - August 31 , 2023

In recognition of your completed research accomplishments as a post-doctoral fellow at our school for the academic year 2022-2023.

Dr. Prasun Chakrabarti , Deputy Provost
ITM (SLS) Baroda University , INDIA



Principal

J.D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501

Dr. Martin Margala, Director
School of Computing and Informatics
University of Louisiana at Lafayette , USA

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 तंत्रज्ञान आचार्य) (Faculty of Engineering & Technology)

*This is to certify that
Shri Sanjay Laxmikant Haridas having been found
to be duly qualified on examination of the thesis
on "Power Optimization of Viterbi Decoder for
Wireless Applications" was admitted to the degree of
Doctor of Philosophy (अभियांत्रिकी आणि तंत्रज्ञान आचार्य)
in the Faculty of Engineering & Technology in this
University in the year 2012.*

Nagpur

Principal
D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501

Vice-Chancellor

Dated : 1-10-2012

Washtrasant Tukadoji Maharaj Nagpur University

Established by Government of Central Provinces Education Department by Notification No. 312 dated the 1st of August, 1928 & presently a State University governed by Maharashtra's Universities Act, 1956



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

*This is to certify that
Shri Satish Ramratan Vaishnav having been found to
be duly qualified on examination of the thesis on
"Some Aspects of Tuning of PID Controller" was
admitted to the degree of Doctor of Philosophy
(अभियांत्रिकी आणि तंत्रज्ञान आचार्य) in the Faculty of
Engineering & Technology in this University in
the year 2008.*

Principal

D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501

Nagpur

Washtrasant 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
Smt. Shakti Sanjay Awaghad having been found
to be duly qualified on examination of the thesis
on "Designing Approach for Transcoding Multimedia
Over Wireless Channels and It's Applicability for
Mobile Devices" 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 2015.*

Nagpur

Dated : 29-8-2015

Principal
J. D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501

S. Manoj
Vice-Chancellor

Washtrasant Tukadoji Maharaj Nagpur University

Re-accredited 'A' Grade by NAAC



Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

*This is to certify that
Sri Shrikant Vijayram Sonekar having been found
to be duly qualified on examination of the thesis
entitled "Development of an intelligent approach for
Intrusion Detection in Ad-hoc wireless network" was
admitted to the degree of Doctor of Philosophy
(विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and
Technology in the Subject of Computer Science &
Technology in this University in the year 2017.*

Nagpur

Dated : 3-12-2017

S. Swave
Vice-Chancellor

104th Convocation 2017

Principal

J. D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501

Washtrasant Tukadoji Maharaj Nagpur University

"(Established by Government of Central Provinces Education Department by Notification No. 511 dated the 1st of August, 1925 & presently a State University governed by Maharashtra Universities Act, 1956)"



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

*This is to certify that
Shri Subhash Rambhau Choudhari having been found
to be duly qualified on examination of the thesis on
"Evaluation of Fly Ash & Lime of Vidarbha As
Alternative Cementing Material in Civil Engineering-
Constructions" was admitted to the degree of
Doctor of Philosophy (अभियांत्रिकी आणि तंत्रज्ञान आचार्य)
in the Faculty of Engineering & Technology
in this University in the year 2010.*

ATTESTED

Principal (officially)

J. D. College of Engineering & Management
Khandala, Katol Road,
Nagpur-441 501.

Nagpur

Vice-Chancellor

Dated : 26-11-2010

Principal
J. D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501

Rashtrasant Tukadoji Maharaj Nagpur University

(Established by Government of Central Province Education Department by Notification No. 514 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)



Doctor of Philosophy (वाणिज्य आचार्य) (Faculty of Commerce)

*This is to certify that
Smt. Swarnalata John Philip having been found
to be duly qualified on examination of the thesis
on "A Study of the Impact on the Growth of Banks
Deposits in Nagpur City Due to Growth in Equity-
Linked Investments From the Year 2000 to 2007" was
admitted to the degree of Doctor of Philosophy
(वाणिज्य आचार्य) in the Faculty of Commerce in
this University in the year 2012.*

Nagpur

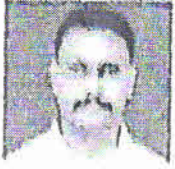
Dated : 26/9/2014

Anoop Kumar
Vice Chancellor



Principal

J.D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501



பொறியியற்பலம்

FACULTY OF ENGINEERING & TECHNOLOGY

ஜூன் 2016 இல் குடிமுறைபணி பொறியியல் பிரிவில்
நடத்திய தேர்வுகளில் திருமலை ராஜா இரா தேர்ச்சியடைந்து
ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினார்சான்றளித்தபடி
ஆய்வியல் அறிஞர் பட்டம் பெறுதற்கு உரியவர் ஆகின்றார்
என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக்குழு இதுவழி அறிவிக்கின்றது

The Syndicate of the Annamalai University hereby makes known
that **THIRUMALAI RAJA R** has been admitted to the
Degree of **DOCTOR OF PHILOSOPHY** in **CIVIL ENGINEERING**
he/she having been certified by duly appointed examiners Who Valued
his/her thests to be qualified to receive the same in **JUNE 2016**.

TITLE OF THE THESIS

EARTH QUAKE RESISTANT DESIGN REINFORCED CONCRETE STRUCTURES

பல்கலைக்கழக முத்திரை பெறுகின்றது
Given under the seal of the University



Senthilvel

துணை தேர்வாளையர் (கல்வி)
Dy. Controller of Examinations (Academic)

Annamalai Nagar - 608002

Dated :- 12/01/2018

Principal

J. D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501

Dr. H. Panchanatham

பதிவாளர்
Registrar

Dr. S. Manian

துணைவேந்தர்
Vice-Chancellor

**Washtrasant Tukadoji Maharaj
Nagpur University**

"Established by Government of Central Provinces Education Department by Notification No. 611 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1956"



Doctor of Philosophy
(**वादिज्य आचार्य**)
(Faculty of Commerce)

*This is to certify that
Smt. Ujwala Sanjay Dange having been found to
be duly qualified on examination of the thesis
on "The Study of Job Satisfaction of Faculty
in Engineering College in Vidarbha Region" was admitted
to the degree of Doctor of Philosophy
(**वादिज्य आचार्य**) in the Faculty of Commerce in
this University in the year 2010.*

Nagpur

Dated : 5-6-2010

[Signature]
Vice-Chancellor

Principal

D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501

KARUNYA UNIVERSITY

(Karnataka Institute of Technology and Sciences)
Karnataka Institute of Technology and Sciences, Karur, Karnataka, India



The Board of Management
of
Karunya University
hereby makes known that

VENKATESAN S

has been admitted to the degree of
Doctor of philosophy

in

COMPUTER SCIENCE AND ENGINEERING

Faculty of Engineering

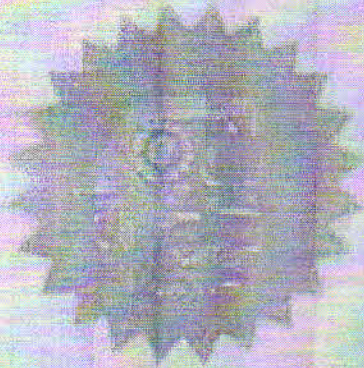
having been certified by duly appointed examiners to be
qualified to receive the same in February 2012

Title of the Thesis:

An High Efficiency Lung Cancer System With 3D-CNN Algorithm

Given under the seal of the University

Dated: 20th June 2012



Chandrasekhar
Chancellor

Srinivasulu
Vice-Chancellor

[Signature]
Principal

[Signature]
Registrar

D. College of Engineering & Management
Khandala, Katol Road
Nagpur-441501