JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 688185







н.т No.: 0703PH0614

Ms. Rekha B Venkatapur D/o. Venkatapur B

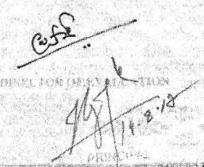
having fulfilled the academic requirements in June, 2016 bas this day been admitted by the Executive Council to the Degree of

Doctor Of Philosophy Computer Science And Engineering

Topic: A Robast Micrarchical Clastering Algorithm for Video Watermark

Given under the Seal of the University

Date: 09-09-2016







Alleany

PC No 316000364

KS INSTITUTE BENGALURU - 560 109



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

Dr. H. N. Jagannatha Reddy, B.E. M.E., Ph.D Registrar Phone: (0831) 2405468

Fax : (0831) 2405467

Ref.: VTU/Aca/2016-2017/A7/CSE 1154/63

Date: 2 2 MAY 2017

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 : KK Kavitha

2. Programme : Ph.D.

3. Full time /Part time : Part Time

4. Research Centre : CSE

5. College/Institute : KSIT, Bengaluru

6. Supervisor : Dr. Rekha B Venkatapur

7. Co-Supervisor : -

8. Research Topic : "An Effective Method for Progressive Image Transmission

using Perceptual Region of Interest."

Approved Course work

Sl.No. Group Course work

1. 14PHDRM Research Methodology

2. 14PHDCS005 Advances in web Intelligence Techniques

3. 14PHDCS001 Advances in Digital Image Processing

4. 14PHDCS004 Advances in Knowledge Data Discovery

This permission for registration is subject to fulfilling the following conditions

- Letter of acceptance for the Provisional admission, duly forwarded by the Guide/ Co-guide and Head of Research Centre on or before 29th May 2017.
- An undertaking to abide by the rules and regulations of the University.
- DD. of ₹ 6000/- drawn in favour of the Finance Officer VTU, Belagavi towards requisite registration fee.

Note: This Provisional Registration is subject to fulfilling the conditions specified in the Clause PHD 14.9 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2014).

Registrar

To,

The candidate

Copy to, 1. The Research Centre /VTU-RRC

Registrar

Phone: (0831) 2405468

Fax: (0831) 2405467

VTU/Ph.D./AC/A7/2020-2021/ C.S.E./365/20

Date: 20, Jan 2020

OFFICE ORDER

Sub: Regarding of Ph.D./M.Sc.(Engg.) by Research Program. Ref: Your application for the Ph.D. /M.Sc.(Engg.) by Research Program.

By the recommendations of the Admission Committee, you are hereby provisionally permitted to register under VTU for pursuing Ph.D. /M.Sc.(Engg.) research Program with the following details:

1. Name	RAGHAV	ENDRACH	AR S						
2. Programme	Ph.D	h.D .							
3. Type	Part Tim	Part Time							
4. Research Centre Department	Compute	Computer Science and Engineering							
5. College/Institute	KSIT,Ban	galore	- Vis						
6. Supervisor	DR. REK	R. REKHA B VENKATAPUR							
7. Co-Supervisor		Supervisor)			1				
8. Research Topic		INSUPERVISED AUTO ENCODER BASED DETECTION OF NUTRITION DEFICIENCY IN NOTAN MULBERRY LEAVES.							
9. Constitution of Doctoral committee & approval from University		Ph.D. 3.1.2 Regulations-2017							
10. Proposing Coursework	Course work should be selected and approved by Doctoral Committee as per Ph.D. 14.1 (a) Regulations-2017								
11. Mandatory residence certificate for part time candidates	Ph.D. 15.3	Ph.D. 15.1 Regulations-2017							
12. Six months Progress Report	1st	2nd	3rd	4th	5th	6th	7th	8th	
(From date of Provisional Registration) Ph.D.16 Regulations-2017	,								
13. Course work	Ph.D. 14 I	Regulations	s-2017						
L4. Comprehensive Viva-Voce	Ph.D. 17	Regulations	s-2017						
15. Conformation of Ph.D Registration	Ph.D. 18 I	Ph.D. 18 Regulations-2017							
L6. Open Seminar (I & II)	Ph.D. 19.3	1 Regulatio	ns-2017						
17. Pre-Submission Colloquium	Ph.D. 19.2	Ph.D. 19.2 Regulations-2017							
18. Submission of Long Synopsis plagiarism check and Publications	Ph.D. 19.3	Ph.D. 19.3 , Ph.D 19.4 & Ph.D 20 Regulations-2017							
19. Submission of Thesis	Ph.D. 22	Regulations	s-2017						
20. Final Viva-Voce	Ph.D. 23.7	7 Regulatio	ns-2017						

This permission for registration is subject to fulfilling the following conditions:

- 1. Letter of acceptance for the Provisional admission, duly forwarded by the Supervisor/ Co-Supervisor and Head of Research Centre on or before 09, Feb 2020.
- 2. An undertaking to abide by the rules and regulations of the University.
- 3. Online payment of Rs.6000/- towards requisite registration fee.
- 4. University Development fee (One time paid) 2,000/-
- 5. E-Consortium (every academic year) 3,000/-

Note: This Provisional Registration is subject to fulfilling the conditions specified in the Clause Ph.D.14.6 and 14.7 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2017).

REGISTRAR

Download VTU regulation: http://www.vtu.ac.in/pdf/regulation/phd201718.pdf

To, RAGHAVENDRACHAR S, KSIT, Dept of CSE, No 14, Raghuvanahalli , Kanakapura Road , Bengaluru - 560109.

Copy to

- 1. Research Center: KSIT,#14,Raghuvanahalli,Kanakapura Main Road,Bangalore 560062,Bangalore
- 2. The Supervisor/Co-Supervisor: DR: REKHA B VENKATAPUR / (No Co-Supervisor)

M 25.1.2026

Registrar

Phone: (0831) 2405468

Fax: (0831) 2405467

VTU/Ph.D./AC/A7/2020-2021/ CSE/365/6

Date: 20, Jan 2020

OFFICE ORDER

Sub: Regarding of Ph.D./M.Sc.(Engg.) by Research Program. Ref: Your application for the Ph.D./M.Sc.(Engg.) by Research Program.

By the recommendations of the Admission Committee, you are hereby provisionally permitted to register under VTU for pursuing Ph.D. /M.Sc.(Engg.) research Program with the following details:

1. Name	M SHANM	IUGAM SH	ОВА		The same of			Hadrey.
2. Programme	Ph.D							
3. Type	Part Time						. 4	
4. Research Centre Department	Computer	Science an	d Enginee	ring				
5. College/Institute	KSIT,Banga	alore			بالم.			
6. Supervisor	DR. REKHA	B VENKA	TAPUR					
7. Co-Supervisor	(No Co-Su	pervisor)						
8. Research Topic		N ENHANCEMENT FOR QUANTUM RESISTANT BLOCKCHAIN THROUGH POST UANTUM DIGITAL SIGNATURE SCHEME.						
9. Constitution of Doctoral committee & approval from University	Ph.D. 3.1.2	n.D. 3.1.2 Regulations-2017						
10. Proposing Coursework	Course wor (a) Regulat	Course work should be selected and approved by Doctoral Committee as per Ph.D. 14.1 (a) Regulations-2017						
11. Mandatory residence certificate for part time candidates	Ph.D. 15.1	Ph.D. 15.1 Regulations-2017						
12. Six months Progress Report (From date of Provisional Registration) Ph.D.16 Regulations-2017	1st	2nd	3rd	4th	5th	6th	7th	8th
13. Course work	Ph.D. 14 Re	Ph.D. 14 Regulations-2017						
14. Comprehensive Viva-Voce	Ph.D. 17 Re	egulations-2	2017					
15. Conformation of Ph.D Registration	Ph.D. 18 Re	Ph.D. 18 Regulations-2017						
16. Open Seminar (I & II)	Ph.D. 19.1	Ph.D. 19.1 Regulations-2017						
17. Pre-Submission Colloquium	Ph.D. 19.2	Ph.D. 19.2 Regulations-2017						
18. Submission of Long Synopsis plagiarism check and Publications	Ph.D. 19.3	Ph.D. 19.3 , Ph.D 19.4 & Ph.D 20 Regulations-2017						
19. Submission of Thesis	Ph.D. 22 Re	egulations-2	2017			ja = =		
20. Final Viva-Voce		Regulations		ξ				

This permission for registration is subject to fulfilling the following conditions:

- 1. Letter of acceptance for the Provisional admission, duly forwarded by the Supervisor/ Co-Supervisor and Head of Research Centre on or before 09, Feb 2020.
- 2. An undertaking to abide by the rules and regulations of the University.
- 3. Online payment of Rs.6000/- towards requisite registration fee.
- 4. University Development fee (One time paid) 2,000/-
- 5. E-Consortium (every academic year) 3,000/-

Note: This Provisional Registration is subject to fulfilling the conditions specified in the Clause Ph.D.14.6 and 14.7 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2017).

REGISTRAR

Download VTU regulation: http://www.vtu.ac.in/pdf/regulation/phd201718-pdf

To, M SHANMUGAM SHOBA, #114, 3rd A Cross, RR Layout ,Doorvani Nagar, Vijinapura, ,Bangalore-560016

Copy to,

 $\sqrt{1}$. Research Center: KSIT,#14,Raghuvanahalli,Kanakapura Main Road,Bangalore 560062,Bangalore

2. The Supervisor/Co-Supervisor: DR. REKHA B VENKATAPUR / (No Co-Supervisor)

M25.1.2020

TOI Kantoo by Aleka Vandaday



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

Visvesvaraya Technological University

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

Prof. A. S. Deshpande, B.E. M. Tesh., Ph.O.

REGISTRAR

Phone: (0831) 2498100

Fax : (0831) 2405467

Preamble:

Sub: Change of Research Center -reg...

Ref: Hon'ble Vice-Chancellor approval dated 15-06-2020.

Kashika P H (5VX17PEA84) pursuing research under the guidance of Dr. Rekha B Venkatapurg, has requested for Change of Research Center. Based on the recommendations of the Doctoral Committee. No Objection Certificate from the Guides/Centers, and in accordance with the Regulations Governing the Degree of . Doctor of Philosophy (Ph.D.) 2014, the change of research center as requested by the candidate is approved.

Order No: VTU/BGM/Ph.D/Aca/2020-21/ 6/4

Date: 15-06-2020.

Pursuant to the approval of the Hon'ble Vice-Chancellor and as per the preamble above, Kashika P H (5VX17PEA84) has been permitted to change of Research center of her/his Research work as under.

OLD RESEARCH CENTER	NEW RESEARCH CENTER
VTU-RRC Belagavi	K S Institute of Technology, Bengaluru

The said changes shall be incorporated in all the related documents of the University, with immediate effect.

15.6.200

Kashika P H (5VX17PEA84) Research Scholar Copy to

- The Registrar (Evaluation), VTU, Belagavi for information.
- 2. The Principal, K S Institute of Technology., Bengalura
- 3. The Chairperson, Dept. of CSE, VTU Belagavi.
- 4. Research Guide Dr. Rekha B Venkatapure.
- 5. Office copy.



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

Visvesvaraya Technological University

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

REGISTRAR

Phone: (0831) 2498100 Fax : (0831) 2405467

Preamble:

Sub: Change of Research Supervisor and Research Center -reg... Ref: Hon'ble Vice-Chancellor approval dated 05-04-2021.

T. Somashekhar(5VX17PES23) pursuing research under the guidance of Dr.Anirban Basu, has requested for Change of Research Supervisor and Research Center, Based on the recommendations of the Doctoral Committee, No Objection Certificate from the Guides/Centers, and in accordance with the Regulations Governing the Degree of Doctor of Philosophy (Ph.D.), the Change of Research Supervisor and Research

Order No: VTU/BGM/Ph.D/Aca/2020-21/ 58

Date: 2 0 APR 2021

Pursuant to the approval of the Hon'ble Vice-Chancellor and as per the preamble above, T. Somashekhar (5VX17PES23) has been permitted to Change of Research Supervisor and Research Center of her/his

OLD	New		
Dr.Anirban Basu, VTU-RRC Belagavi	Dr. Rekha B Venkatapur, Dept. of CSE, KSIT Bangalore (IKS17PES01)		

The said changes shall be incorporated in all the related documents of the University, with immediate effect.

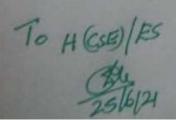
Registrar

T. Somashekhar(5VX17PES23) Research Scholar

Copy to

The Registrar (Evaluation), VTU, Belagavi for information.

- The Chairperson, Dept. of Computer Science & Engineering, VTU Research Resource Centre, Belagavi
- The Principal, Dept. of CSE, KSIT Bangalore
- 4. Research Guide-Dr. Anirban Basu,
- Research Guide- Dr. Rekha B Venkatapur,
- 6. Office copy.





ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ ("ವಿ ಟ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ) "ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ–೫೯೦೦೧೮, ಕರ್ನಾಟಕ್, ಭಾರತ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994) "Jnana Sangama" Belagavi-590018, Karnataka, India

Prof. A. S. Deshpande, B.E., M.Tech., Ph.D. REGISTRAR

Phone: (0831) 2498100 Fax: (0831) 2405467

Date: December 31, 2021

VTU/BGM/Aca/Ph.D./2020-21/878

Provisional Registration Letter for Ph.D. Degree Programme (Office Order)

Sub: Provisional Ph.D. Registration reg...

Ref: 1. Notification No. VTU/BGM/Aca/Ph.D./2020-21/847 dated 07-11-2020.

2. Candidate's ETR Application No.: 3430

3. Hon'ble Vice Chancellor's Order dated 14-12-2021.

Pursuant to the recommendations of the Admission Committee and approval of Honourable Vice Chancellor, you have been selected for provisional admission to pursue Ph.D. programme under Visvesvaraya Technological University, Belagavi.

The details pertaining to the registration are given below:

Sl.No.		Particulars
1.	Name of the Candidate	ROOPESH KUMAR B N
2.	University Seat Number (USN)	1KS20PCS01
3.	Admission Category of Research Programme (Full Time/Part Time).	Ph.D Part Time
4.	Faculty under which the degree will be awarded.	FACULTY OF COMPUTER AND INFORMATION SCIENCES
5.	Name of the Research Center	K.S. INSTITUTE OF TECHNOLOGY BANGALORE
6.	Specialization	COMPUTER SCIENCE AND ENGINEERING
7.	Proposed Research Topic / Area.	"A ROBUST MULTISTAGE DESIGN TOWARDS MITIGATING PHISHING ADVERSARIES USING EXTREME ENSEMBLING TECHNIQUE"
8.	Name and address of the Research Supervisor.	DR. REKHA B VENKATAPUR Professor - COMPUTER SCIENCE AND ENGINEERING K.S. INSTITUTE OF TECHNOLOGY BANGALORE

The Research Scholars shall strictly follow the norms of the University with regard to the Regulations Governing the Degree of Doctor of Philosophy (Ph.D.) / M.S. (Research) - 2020 and any other amendments effected from time to time.

Registrar

To,

- 1. ROOPESH KUMAR B N,ASSISTANT PROFESSOR,DEPARTMENT OF CSE,KSIT,BENGALURU 560109.
- 2. Principal of the college / Director, Principal or Dean (Architecture)/Chairperson of the University Department/Research Organization where the candidate has to register for admission to Ph.D. programme.

- 3. To Research Supervisor: DR. REKHA B VENKATAPUR
- 4. Office copy.

 $Document \ Generated \ Date: \ 2022-03-08 \ \& \ Time: \ 08:34:53, \ Web \ portal: \ https://jnanashodha.vtu.ac.in$



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ ("ವಿ ಟ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

"ವಿ ಟ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ) "ಜ್ಞಾನ ಸಂಗಮ". ಬೆಳಗಾವಿ–೫೯೦೦೧೮, ಕರ್ನಾಟಕ್ಕ, ಭಾರತ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994) "Jnana Sangama" Belagavi-590018, Karnataka, India

Prof. A. S. Deshpande, B.E., M.Tech., Ph.D. REGISTRAR

Phone: (0831) 2498100 Fax: (0831) 2405467

Date: 03-09-2022

VTU/BGM/Aca/Ph.D./2021-22/RS/795

Sub: Recognition as Research Supervisor

Ref: VTU/BGM/Aca./Ph.D./2022-23/87 dated:08-04-2022.

With reference to your application for Recognition as Research Supervisor/ Research Co-Supervisor to supervise Scholars pursuing Research programmes of VTU, the University is pleased to inform you that your candidature has been considered and you have been recognized as Research Supervisor of VTU. You can supervise Scholars pursuing Ph.D./M.S.(Research)/ Integrated Ph.D. programmes as a Research Supervisor or Co-Supervisor* from 2022 onwards.

On acceptance as a Research Supervisor, you shall adhere to Regulations of Ph.D./M.S.(Research)/ Integrated Ph.D. programmes and to the corresponding amendments notified from time to time.

You are required to submit a report on your Research related progress in the prescribed format to the university every year. On the basis of the same and recommendation of the expert committee, university will decide about your further continuation of the recognition as Research Supervisor.

Sl.No.	Particulars					
1.	Name and Address of the Recognized Research Supervisor	DR.DEEPA S R #216 A 6TH CROSS 1ST MAIN MANJUNATHNAGAR BANGALORE 560010				
2.	Registration ID	042022RSCS003173				
	Designation (Professor/Associate Professor/ Assistant Professor) or Actual Designation with AICTE cadre equivalence	Assc. Professor				
4.	Recognised Faculty under which research is to be carried out	FACULTY OF COMPUTER AND INFORMATION SCIENCES				
	Department in which the VTU recognized Research Center is established	COMPUTER SCIENCE AND ENGINEERING				
6.	Recognition date/month/year of Research Supervisor	03-09-2022				

Registrar

*In case if, you are supervising a candidate not from your institute's/department's Research Centre approved by VTU, you are permitted to act only as Co-Supervisor.

Document Generated Date: 2022-09-04 & Time: 13:08:50, Web portal: https://jnanashodha.vtu.ac.in



Provisional Degree Certificate

This is to certify that Mr./Ms. VANEETA M

is qualified for the award of the degree of doctor of philosophy in faculty of computer & information sciences w.e.f. 29.6.2021

of this University for having fulfilled the requirements for the award of the said Degree by submitting the thesis titled:

NOVEL KEY DISTRIBUTION AND SECURITY FRAMEWORK FOR NODE LEVEL COMMUNICATION FOR WIRELESS SENSOR NETWORKS

with University Seat No. 1KS15PEJ04

The degree will be conferred on him | her at the next convocation or thereafter.

Belagavi

Date: 08.07.2021

Registrar (Evaluation)

PH 001970

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI KARNATAKA, INDIA



This is to certify that VIJAYALAXMI MEKALI

has been conferred the Degree of

Doctor of Philosophy

FACULTY OF COMPUTER & INFORMATION SCIENCES

for the thesis entitled

MEDICAL IMAGE ANALYSIS USING COMPUTATIONAL METHODS TO DETECT AND DIAGNOSE CANCER TUMOR

in recognition of the fulfillment of requirements for the said degree

Given under the seal of the University PH 001651

USN: 1RN13PEN05

BELAGAVI

MARCH 10, 2022 DATE

VICE CHANCELLOF



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

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

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

Ref .: VTU/Aca/2013-2014/A7/ 1442

Date: 1 8 MAR 2014

(REVISED OFFICE ORDER)

Sub: Registration of Ph.D./M.Sc.(Engg.) by Research from May 2013
Ref: Your application for the Ph.D. /M.Sc.(Engg.) by Research.

By the direction of the Vice-Chancellor, you are hereby permitted to register for pursuing research with the following details:

1. Name

Devika B

2. Programme

: Ph.D.

3. Full time /Part time

I u.D.

4. Research Centre

: Part Time : E & CE

5. College/Institute

CHARLEST MATERIAL STATES

2 0

VTU-RRC

Supervisor

8.

Dr. P N Sudha

7. Co-Supervisor

Research Topic

1

9. Approved Course work

Sl.No. Group

Course work

1. 10EC131

Wireless & Mobile Networks

2. 10SCN153

System Modeling & Simulation

"Optimizing power in Adhoc Networks"

3. 10EC050

Mobile Computing

4. 10SCS321

Wireless & Cellular Networks

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.-2011).

Registrar

To,

The candidate

Copy to, 1. The Research Centre /VTURRC



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

Dr. K. E. Prakash, BE. ME. PL. O

Registrar

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

Date:

12 DEC 2014

Ref .: VTU/Aca/2013-2014/A7/ 9577

OFFICE ORDER

Sub: Registration of Ph.D./M.Sc.(Engg.) by Research from May 2014
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

: Srividya L.

2. Programme

: Ph.D.

3. Full time /Part time

: Part Time

4. Research Centre

E & C Engg.

5. College/Institute

KSIT, Bangaluru

6. Supervisor

Dr. P N Sudha

7. Co-Supervisor

Research Topic

"Enhancing highly efficient joint source/channel coding

techniques and secured transmission technique for wireless

communication"

Approved Course work

Sl.No. Group

Course work

1. 14PHDRM

Research Methodology

2. 14PHDEE006

Linear Algebra

3. 14PHDEC004

Wireless and Mobile Networks

4. 14PHDCS003

Advances in Computer Networks

This permission for registration is subject to fulfilling the following conditions

- Letter of acceptance for the Provisional admission, duely forwarded by the Guide/ Co-guide and Head of Research Centre on or before 20th Dec 2014.
- An undertaking to abide by the rules and regulations of the University.
- 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



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

Dr. K. E. Prakash, BEME, PLD Registrar

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

Ref .: VTU/Aca/2015-2016/A7 /EL 9221

Date: JAN 2016

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:

Name 1.

: V Sangeetha

Programme 2.

3. Full time /Part time . Part Time

Research Centre 4.

5. College/Institute KSIT, Bengaluru

6. Supervisor Dr. P N Sudha

Co-Supervisor

Research Topic

3.

: "A Novel Approach to Minimize the Effect of Fading Using

Adaptive Channel Coding & Multi Carrier Modulation

Techniques"

Approved Course work

SI.No. Group Course work

Research Methodology

14PHDRM 1.

Communication Systems

2. 14PHDEC003

Wireless and Mobile Networks

14PHDEC005 4.

14PHDEC004

Digital System Design

This permission for registration is subject to fulfilling the following conditions

- Letter of acceptance for the Provisional admission, duely forwarded by the Guide/ Co-guide and Head of Research Centre on or before 10th Feb 2016.
- An undertaking to abide by the rules and regulations of the University.
- DD of ₹'4000/- drawn in favour of the Finance Officer VTU, Belagavi of towards requisite 3

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



"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

835

Date:

2 3 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

: Prathima B A

2. Programme

Ph.D.

3. Full time /Part time

Part Time

4. Research Centre

E & CE

College/Institute

: VTU-RRC, Belagavi

Supervisor

: Dr. P N Sudha

7. Co-Supervisor

Dr. P M Suresh

8. Research Topic

: "Development

Measurement Algorithms

Communication Protocols for Automated Inspection in

Closed Loop Manufacturing System"

of

9. Approved Course work

Sl.No. Group

Course work

1. 14PHDRM

Research Methodology

2. 14PHDEC004

Wireless & Mobile Networks

3. 14PHDIT003

Sensors & Applications

4. 14PHDEC005

Digital System Design

This permission for registration is subject to fulfilling the following conditions

- Letter of acceptance for the Provisional admission, duely forwarded by the Guide/ Co-guide and Head of Research Centre on or before 05th Jan 2016.
- An undertaking to abide by the rules and regulations of the University.
- 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. 2314)

Registrár

To,

The candidate

Copy to, 1. The Research Centre /VTURRC



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

Dr. H. N. Jagannatha Reddy., BE.ME, PAD. Registrar

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

Ref.: VTU/Aca/2016-2017/A7/EL 8411/56

Date:

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.

Jayasudha BSK

2. Programme Ph.D.

Part Time

Full time /Part time 3.

ECE

Research Centre

College/Institute 5.

KSIT, Bengaluru

Supervisor 6.

Dr. PN Sudha

Co-Supervisor 7.

Research Topic 8.

"Embedding smart power aware Bio-sensors

monitoring, communicating and multiscale processing of

physiological signals"

Approved Course work 9.

> SI.No. Group

Course work

14PHDRM 1.

Research Methodology

2.

14PHDIT001

Biomedical Signal Processing and Applications

3.

14PHDIT002

Biomedical Image Processing and Applications

14PHDIT003 4.

Sensors and Applications

This permission for registration is subject to fulfilling the following conditions

- Letter of acceptance for the Provisional admission, duly forwarded by the Guide/ Co-guide and Head of Research Centre on or before 10th Feb 2017
- An undertaking to abide by the rules and regulations of the University. 2
- DD. of₹'6000/- drawn in favour of the Finance Officer VTU, Belagavi towards requisite 3. registration fee.

Note: This Provisional Registrant is subject to fulfilling the conditions specified in the Clause. is (Amended) Governing the Degree of Doctor of Philosophy PHD 14.9 of the Regul (Ph.D. 2014)

To,

The candidate

Copy to, 1. The Research Centre /VTU-RRC



"Inana Sangama", Belagavi - 590 018, Kamataka state.

Dr. H. N. Jagannatha Reddy., BE. ME. PLD Registrar

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

Ref.: VTU/Aca/2016-2017/A7/EL

Date: 2 2 MAY 2017

OFFICE ORDER

Registration of Ph.D./M.Sc.(Engg.) by Research from June 2016.

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 : Sahana (Balakka) Salagare

2. Programme Ph.D.

3. Full time /Part time Part Time

Research Centre

E&CE

5. College/Institute

Supervisor 6.

KSIT, Bangaluru

Dr. P N Sudha

7. Co-Supervisor Dr. Karthik P

Research Topic

: "Design and Development of Auto Charging System for

Underwater Devices"

Approved Course work

SI.No. Group Course work

1. 14PHDRM Research Methodology

2 14PHDEC003 Communication Systems

3. 14PHDEC004 Wireless and Mobile Networks

14PHDIT003

Sensors and Applications

This permission for registration is subject to fulfilling the following conditions

- Letter of acceptance for the Provisional admission, duly forwarded by the Guide/ Co-guide and Head of Research Centre on or before 29th May 2017.
- An undertaking to abide by the rules and regulations of the University. 2.
- DD of ₹6000/- drawn in favour of the Finance Officer VTU, Belagavi towards requisite registration fee.

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



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

Dr. K. E. Prakash, REME PLD Registrar Phone: (0831) 2405468 Fax : (0831) 2405467

Ref.: VTUIAcal2015-2016/A7 EL 8254

ate: 18 DEC 2019

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

Lakshmi H R

2. Programme

Ph.D.

3. Full time /Part time

Part Time

4. Research Centre

E & CE

5. College/Institute

VTU-RRC, Belagavi

6. Supervisor

Dr. B Surekha

7. Co-Supervisor

7. Co-Supervisor

11 11 11

2 Passarch Tonic

Research Topic

"Content Protection of Digital Images Through Lossless

Watermarking"

9. Approved Course work

Sl.No. Group

Course work

1. 14PHDRM

Research Methodology

2. 14PHDEC005

Digital System Design

3. 14PHDEC001

VLSI Design & Embedded Systems

4. 14PHDCS001

Advances in Digital Image Processing

This permission for registration is subject to fulfilling the following conditions

- Letter of acceptance for the Provisional admission, duely forwarded by the Guide/ Co-guide and Head of Research Centre on or before 23th Dec 2015.
- An undertaking to abide by the rules and regulations of the University.
- 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. 2314)

Registrar

To,

The candidate

Copy to, 1. The Research Centre /VTURRC



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

Dr. H. N. Jagannatha Reddy., BEME, PLO. Registrar

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

Ref .: VTU/Aca/2016-2017/A7/EL 8411/115

Date:

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:

Name 1

Renuka V Tali

2. Programme Ph.D.

3. Full time /Part time Part Time

Research Centre 4.

College/Institute 5.

6.

KSIT, Bengaluru

Supervisor

Dr. B Surekha

Co-Supervisor

8. Research Topic "INTELLIGENT

WHITE

CLASSIFICATION IN MICROSCOPIC BLOOD SMEAR IMAGES USING OPTIMUM MACHINE LEARNING

TECHNIQUES"

Approved Course work

SI.No. Group

Course work

I. 14PHDRM

Research Methodology

2. 14PHDEE006 Linear Algebra

3. 14PHDIT002

Biomedical Image Processing & Applications

14PHDCS004

Advances in Knowledge Data Discovery

This permission for registration is subject to fulfilling the following conditions

- Letter of acceptance for the Provisional admission, duly forwarded by the Guide/ Co-guide and Head of Research Centre on or before 10th Feb 2017
- 2. An undertaking to abide by the rules and regulations of the University.
- 3. DD. of ₹ 6000/- drawn in favour of the Finance Officer VTU, Belagavi towards requisite registration fee.

Note: This Provisional Registration is subject to fulfilling the conditions specified in the Clause PHD 14.9 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2014)

To.

The candidate

Copy to, 1. The Research Centre /VTU-RRC



"Inana Sangama", Belagavi - 590 018, Kamataka state.

Dr. H. N. Jagannatha Reddy., BE.ME. Ph.O. Registrar

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

Ref.: VTUI Aca/2016-2017/17/EL 8411/160

Date:

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:

Name

: Venkata Kranthi B

2. Programme

Ph.D.

3. Full time /Part time

Part Time

4. Research Centre

. Mer Atter

ECE

College/Institute

KSIT, Bengaluru

Supervisor

Dr. B Surekha

7. Co-Supervisor

8. Research Topic

"HUMAN TRACKING AND RE-IDENTIFICATION FOR

AUTOMATION OF VIDEO SURVELLIENCE SYSTEMS'

9. Approved Course work

Sl.No. Group

Course work

I. I4PHDRM

Research Methodology

2. I4PHDIT002

Biomedical Image Processing & Applications

3. 14PHDCS004

Advances in Knowledge Data Discovery

4. 14PHDEC002

Signal Processwing

This permission for registration is subject to fulfilling the following conditions

- Letter of acceptance for the Provisional admission, duly forwarded by the Guide/ Co-guide and Head
 of Research Centre on or before 10th Feb 2017
- An undertaking to abide by the rules and regulations of the University.
- DD. of₹ 6000/- drawn in favour of the Finance Officer VTU, Belagavi towards requisite registration fee.

Note: This Provisional Registration is subject to fulfilling the conditions specified in the Clause PHD 14.9 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2014)

Regist

To,

The candidate

Copy to, I. The Research Centre /VTU-RRC

Registrar

Phone: (0831) 2405468

Fax: (0831) 2405467

VTU/Ph.D./AC/A7/2019-2020/ EL/112e18/28

Date: 23, Mar 2019

OFFICE ORDER

Sub: Regarding of Ph.D./M.Sc.(Engg.) by Research Program. Ref: Your application for the Ph.D. /M.Sc.(Engg.) by Research Program.

By the recommendations of the Admission Committee, you are hereby provisionally permitted to register under VTU for pursuing Ph.D. /M.Sc.(Engg.) research Program with the following details:

1. Name	AMBIK	AMBIKA ANNAVARAPU						
2. Programme	Ph.D	*						
3. Type	Part Ti	me						
4. Research Centre Department	Electro	Electronics and Communication						
College/Institute	KSIT, B	KSIT, Bangalore						
6. Supervisor	SUREKI	HA BORRA						
7. Co-Supervisor	(No Co	-Superviso	r)					
8. Research Topic		DENOISING OF MEDICAL IMAGES USING ADAPTIVE MACHINE LEARNING APPROACHES						
9. Constitution of Doctoral committee & approval from University	Ph.D. 3.	Ph.D. 3.1.2 Regulations-2017						
10. Proposing Coursework	Course (a) Regu	Course work should be selected and approved by Doctoral Committee as per Ph.D. 14.1 (a) Regulations-2017						
11. Mandatory residence certificate for part time candidates	Ph.D. 15	Ph.D. 15.1 Regulations-2017						
12. Six months Progress Report (From date of Provisional gistration) Ph.D.16 Regulations-2017	1st	2nd	3rd	4th	5th .	6th	7th	8th
13. Course work	Ph.D. 14	Regulation	is-2017					
14. Comprehensive Viva-Voce								
15. Conformation of Ph.D Registration		Ph.D. 17 Regulations-2017 Ph.D. 18 Regulations-2017						
16. Open Seminar (I & II)	Ph.D. 19.	.1 Regulatio	ons-2017			Maria de la companya del companya de la companya de la companya del companya de la companya de l		
17. Pre-Submission Colloquium				35				
18. Submission of Long Synopsis plagiarism check and Publications	Ph.D. 19.	h.D. 19.2 Regulations-2017 h.D. 19.3 , Ph.D 19.4 & Ph.D 20 Regulations-2017						
19. Submission of Thesis	Ph.D. 22	Regulation	s-2017			200 T 100 T		<u></u>
20. Final Viva-Voce	Ph.D. 23.	7 Regulatio	ns-2017					

This permission for registration is subject to fulfilling the following conditions:

^{1.} Letter of acceptance for the Provisional admission, duly forwarded by the Supervisor/ Co-Supervisor and Head of Research Centre on or before 12, Apr 2019.

^{2.} An undertaking to abide by the rules and regulations of the University.

^{3.} Online payment of Rs.6000/- towards requisite registration fee.

8/2/22, 9:49 PM JNANASHODHA



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾ೦ತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ) "ಜ್ಞಾನ ಸಂಗಮ". ಬೆಳಗಾವಿ–೫೯೦೦೧೮, ಕರ್ನಾಟಕ, ಭಾರತ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994) "Jnana Sangama" Belagavi-590018, Karnataka, India

RESEARCH SUPERVISOR / CO-SUPERVISOR DETAILS							
REGISTRATION ID	042021RSEC001573	RESEARCH SUPERVISOR / CO- SUPERVISOR NAME	SUREKHA BORRA				
MOBILE Ph. No.	8105000448	EMAIL-ID	borrasurekha@gmail.com				
DEPARTMENT	ELECTRONICS AND COMMUNICATION ENGINEERING						

RESEARCH SCHOLAR ALLOTMENT DETAILS

Candidate Name	Candidate Department	Guide Type	Research Center Name	Allotment Date
SUNIL KUMAR G R	ELECTRONICS AND COMMUNICATION ENGINEERING	Supervisor	K.S. INSTITUTE OF TECHNOLOGY BANGALORE	December 03, 2021

REGISTRAR

NOTE:

No signature required as this is system generated document.

8/2/22, 9:49 PM JNANASHODHA

© ೨೦೨೨ ವಿನ್ಯಾಸ ಮತ್ತು ಅಭಿವೃದ್ಧಿಪಡಿಸಿದವರು **ಯೋಜನಾ ನಿರ್ವಹಣೆ ವಿಭಾಗ (ಪಿ. ಎಮ್. ಸಿ)**, ವಿ.ತಾ.ವಿ, ಬೆಳಗಾವಿ. ಕರ್ನಾಟಕ. ಭಾರತ.

© 2022 Designed & Developed by Project Management Cell (PMC), VTU, Belagavi. Karnataka. India.



Registrar

Phone: (0831) 2405468

Fax: (0831) 2405467

Date: 17, Jun 2019

VTU/Ph.D./AC/A7/2019-2020/ EL 173925

OFFICE ORDER

Sub: Regarding of Ph.D./M.Sc.(Engg.) by Research Program.

Ref: Your application for the Ph.D. /M.Sc.(Engg.) by Research Program.

By the recommendations of the Admission Committee, you are hereby provisionally permitted to register under VTU for pursuing Ph.D. /M.Sc.(Engg.) research Program with the following details:

CHANDRA NAIK G 1. Name 2. ogramme Ph.D Part Time 3. Type **Electronics and Communication** 4. Research Centre Department KSIT, Bangalore 5. College/Institute DR B SUDARSHAN 6. Supervisor (No Co-Supervisor) 7. Co-Supervisor HYBRID ENCRYPTION TECHNIQUE FOR ENHANCEMENT OF IMAGE SECURITY. 8. Research Topic 9. Constitution of Doctoral Ph.D. 3.1.2 Regulations-2017 committee & approval from University Course work should be selected and approved by Doctoral Committee as per Ph.D. 14.1 10. Proposing Coursework (a) Regulations-2017 11. Mandatory residence Ph.D. 15.1 Regulations-2017 certificate for part time dulidates 12. Six months Progress Report 3rd 4th 5th 6th 7th 8th 1st 2nd (From date of Provisional Registration) Ph.D.16 Regulations-2017 Ph.D. 14 Regulations-2017 13. Course work 14. Comprehensive Viva-Voce Ph.D. 17 Regulations-2017 15. Conformation of Ph.D. Ph.D. 18 Regulations-2017 Registration Ph.D. 19.1 Regulations-2017 16. Open Seminar (I & II) 17. Pre-Submission Colloquium Ph.D. 19.2 Regulations-2017 18. Submission of Long Synopsis Ph.D. 19.3, Ph.D 19.4 & Ph.D 20 Regulations-2017 plagiarism check and **Publications** 19. Submission of Thesis Ph.D. 22 Regulations-2017 Ph.D. 23.7 Regulations-2017 20. Final Viva-Voce



Indian Institute of Technology, Madras

hereby confers the degree of

Doctor of Philosophy

of the Institute

VENKATESWARA ALIAS BALAJI K

for successfully completing the prescribed programme of study and presenting the thesis entitled

> A STUDY OF SOME PSYCHOLOGICAL ANTECEDENTS IN INDUSTRIAL ACCIDENTS

Given this day the Twentysixth of July, 1996 K.S. INSTITUTE OF TECHNOLOGY under the seal of the Institute.

BENGALURU - 560 109.

Registrar | Director

D. P Romwather Chairman Board of Governors

Registration No.







National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

Doctor of Philosophy

on

Dilip Kumar K

in recognition of the research work on

"Computer Aided Prediction Of Forming Severity In L-Bending Of Aluminium Sheet Metal"

carried out in the Department of

Mechanical Engineering

and completed all the requirements

in May 2009

Given under the seal of the Institute,

on 5th May 2010

Hgingly Registrar 1036

Amony

Chairman, Board of Governors

Sl. No. PH09036



Office of Academic Research

Dr. Kalyani Desikan

Dean Academic Research

Ref. No:VIT/Dean(AR)/SMEC/13PHD1135/ 20211100 July 06, 2021

Provisional Certificate

This is to certify that the thesis titled "TRIBOLOGICAL STUDIES ON ZINC-ALUMINIUM CAST ALLOYS", submitted by Mr.Umashankar M (13PHD1135) registered under the School of Mechanical Engineering has been recommended for the award of the degree of Doctor of Philosophy (Ph.D.) by the duly appointed examiners. He has successfully defended his thesis in the oral examination conducted on Wednesday, June 16, 2021.

He is eligible for the award of **Doctor of Philosophy (Ph.D) degree** of VIT Chennai in accordance with the provisions of the UGC Regulations 2009, after due approvals by the appropriate authorities at the next convocation.

Dr. Kalyani Desikan

Lalbari D



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI KARNATAKA, INDIA



This is to certify that

NAGAPRASAD K S

has been conferred the Degree of

Poctor of Philosophy

Faculty of Mechanical Engineering Sciences

for the thesis entitled

A Study on Effect of Fluid Injection on Diesel Engine Performance and Emissions

in recognition of the fulfillment of requirements for the said degree

Given under the seal of the University

USN: 1DA08PMN03

BELAGAVI

DATE

Feb 08, 2020

VICE CHANCELLOR

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI KARNATAKA, INDIA ಭ 000102

Provisional Degree Certificate

This is to certify that Mr. | Ms. Girish T. R.

is qualified for the award of the degree of Boctor of Philosophy Faculty of Mechanical Engineering Sciences wet. 27. 10. 2018

It this University for having fulfilled the requirements for the award

of this University for having fulfilled the requirements for the award of the said Degree by submitting the thesis titled:

DEVELOPMENT AND CHARACTERIZATION OF HYBRID COMPOSITE USING THE AND GLASS FINER

with University Seat No. 5VX12PMN37

The degree will be conferred on him I her at the next convocation or thereafter.

Belagavi

Date: 03.11.2018



Registrar (Evaluation)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

cc 067139

H.T.No:10PH0340

Aadhaar No: 890764913798







L Nirmala

D/o. L Rangaiah

Lingutla Ramathulasi

having fulfilled the academic requirements in August, 2019 has this day

been admitted by the Executive Council to the Degree of

*** Doctor of Philosophy ***

(Mechanical Engineering)

for the Thesis entitled,
"STUDIES ON ABRASIVE WEAR, CORROSION RESISTANCE AND MICROSTRUCTURAL
PROPERTIES OF ZA27 NICKEL ALLOY"

Date of Viva Voce: 24.08.2019 Given under the Seal of the University

Saturday, 24 April, 2021.

THE THE THE PARTY OF THE PARTY

SERVICION OF EVALUATION

1

VICE CHANCELLOR

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD HYDERABAD - 500 085, TELANGANA STATE, INDIA.





320001720 si. no. pc 01146069

PROVISIONAL CERTIFICATE



Hall Ticket No.: 0903PH1526

This is to certify that Mr. SALEEM KHAN

son of Mr. GULAM HUSSAIN

has satisfied all the requirements for the award of Doctor of Philosophy

in the faculty of MECHANICAL ENGINEERING

of this University, held in November, 2020 for the thesis entitled.

"Development of Hybrid Al6061-Si₃N₄-C_f Metal Matrix Composite".

Verified by

Hyderabad - T.S.

Date: 18 February 2021

Director of Evaluation

REGISTRAR



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ) "ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ–೫೯೦೦೧೮, ಕರ್ನಾಟಕ, ಭಾರತ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)
"Jnana Sangama" Belagavi-590018, Karnataka, India

Prof. A. S. Deshpande, B.E., M.Tech., Ph.D. REGISTRAR

Phone: (0831) 2498100

Fax: (0831) 2405467

VTU/BGM/Aca/Ph.D./2020-21/RS

Date: 29-03-2021

Sub: Recognition as Research Supervisor

Ref: VTU/BGM/Aca/Ph.D./2020 - 21/10139 dated 22 Jan 2021.

With reference to your application for Recognition as Research Supervisor/ Research Co-Supervisor to supervise Scholars pursuing Research programmes of VTU, the University is pleased to inform you that your candidature has been considered and you have been recognized as Research Supervisor of VTU. You can supervise Scholars pursuing Ph.D./M.S.(Research)/ Integrated Ph.D. programmes as a Research Supervisor or Co-Supervisor* from 2021 onwards.

On acceptance as a Research Supervisor, you shall adhere to Regulations of Ph.D./M.S.(Research)/ Integrated Ph.D. programmes and to the corresponding amendments notified from time to time.

You are required to submit a report on your Research related progress in the prescribed format to the university every year. On the basis of the same and recommendation of the expert committee, university will decide about your further continuation of the recognition as Research Supervisor.

Sl.No.	Particulars					
	Name and Address of the Recognized Research Supervisor	DR.CHANDA V REDDY #338,7TH MAIN, 4THCROSS, DUO HEIGHTS LAYOUT DEVARACHIKKANAHALLI, BEGUR, BANGALORE.				
	Registration ID	012021RSEC001023				
ئ,	Designation (Professor/Associate Professor/ Assistant Professor) or Actual Designation with AICTE cadre equivalence	Professor				
4.	Recognised Faculty under which research is to be carried out	FACULTY OF ELECTRICAL AND ELECTRONICS ENGINEERING SCIENCES				
5.	Department in which the VTU recognized Research Center is established	ELECTRICAL AND ELECTRONICS ENGINEERING				
6.	Recognition date/month/year of Research Supervisor	29-03-2021				

n . .

Registrar

*In case if, you are supervising a candidate not from your institute's/department's Research Centre approved by VTU, you are permitted to act only as Co-Supervisor.

Document Generated Date: 2021-03-31 & Time: 10:27:43, Web portal: https://jnanashodha.vtu.ac.in



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ ("ವಿ ಡಿ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ) "ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ–೫೯೦೦೧೮, ಕರ್ನಾಟಕ, ಭಾರತ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994) "Inana Sangama" Belagavi-590018, Karnataka, India

Prof. A. S. Deshpande, B.E., M.Tech., Ph.D. REGISTRAR

Phone: (0831) 2498100 Fax: (0831) 2405467

VTU/BGM/Aca/Ph.D./2020-21/RS

Date: 29-03-2021

Sub: Recognition as Research Supervisor

Ref: VTU/BGM/Aca/Ph.D./2020 ~ 21/10139 dated 22 Jan 2021.

With reference to your application for Recognition as Research Supervisor/ Research Co-Supervisor to supervise Scholars pursuing Research programmes of VTU, the University is pleased to inform you that your candidature has been considered and you have been recognized as Research Supervisor of VTU. You can supervise Scholars pursuing Ph.D./M.S.(Research)/ Integrated Ph.D. programmes as a Research Supervisor or Co-Supervisor* from 2021 onwards.

On acceptance as a Research Supervisor, you shall adhere to Regulations of Ph.D./M.S.(Research)/ Integrated Ph.D. programmes and to the corresponding amendments notified from time to time.

You are required to submit a report on your Research related progress in the prescribed format to the university every year. On the basis of the same and recommendation of the expert committee, university will decide about your further continuation of the recognition as Research Supervisor.

Sl.No.	Particulars					
	Name and Address of the Recognized Research Supervisor	DR.CHANDA V REDDY #338,7TH MAIN, 4THCROSS, DUO HEIGHTS LAYOUT DEVARACHIKKANAHALLI, BEGUR, BANGALORE.				
2.	Registration ID	012021RSEC001023				
3.	Designation (Professor/Associate Professor/ Assistant Professor) or Actual Designation with AICTE cadre equivalence	Professor				
4.	Recognised Faculty under which research is to be carried out	FACULTY OF ELECTRICAL AND ELECTRONICS ENGINEERING SCIENCES				
5.	Department in which the VTU recognized Research Center is established	ELECTRICAL AND ELECTRONICS ENGINEERING				
6.	Recognition date/month/year of Research Supervisor	29-03-2021				

Registrar

*In case if, you are supervising a candidate not from your institute's/department's Research Centre approved by VTU, you are permitted to act only as Co-Supervisor.

Document Generated Date: 2021-03-31 & Time: 10:27:43, Web portal: https://jnanashodha.vtu.ac.in



ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಮಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ, We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor, ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತು ಮತ್ತು ಸಿಂಡಿಕೀಟ್ ಸದಸ್ಯರಾದ ನಾವು the members of the Academic Council and the Syndicate

Certify that

KIRAN KUMAR S R

ಇವರು ಪರೀಕ್ಷಕರಿಂದ ಪರೀಕ್ಷಿಸಲ್ಪಟ್ಟು, ಪರೀಕ್ಷಕರ ಮಂಡಳಿಯ ಶಿಫಾರಸ್ಸಿನಂತೆ, on the recommendation of the Board of Examiners, admitted to the degree of

Doctor of Philosophy (Chemistry)

ಪದವಿಗೆ ಅರ್ಹರಾಗಿರುತ್ತಾರೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ in recognition of the fulfilment of requirements ೩೦ನೇ ಘಟಿಕೋತ್ಸವದಲ್ಲಿ ಸದರಿ ಪದವಿಗೆ ಇವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ. for the said Degree at the THIRTIETH Convocation

ಅಧಿಸೂಚನೆ ದಿನಾಂಕ / Date of Notification : 12/06/2019 ಘಟಿಕೋತ್ಸವ ದಿನಾಂಕ / Date of Convocation : 29th July 2020 ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮೊಹರಿನೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ. Given under the seal of the University.



Jnana Sahyadri, Shankaraghatta-577451 Shivamogga District, Karnataka, India

Date of Issue: 29/07/2020

KUS



ಗಳಿಸಿ ಮುಖ್ಯವಾಗಿ ಮುಖ್ಯವಾಗಿ ಮುಖ್ಯವಾಗಿ ಮುಖ್ಯವಾಗಿ Vice-Chancellor

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ ಕರ್ನಾಟಕ, ಭಾರತ



ಶ್ರೀ/ಶ್ರೀಮತಿ

JALAJA P

ಇವರು

FACULTY OF APPLIED SCIENCES (MATHEMATICS)

ವಿಭಾಗದಲ್ಲಿ

A NUMERICAL STUDY OF UNSTEADY INCOMPRESSIBLE BOUNDARY LAYER THROUGH DOUBLE CHOKING SUPERSONIC EJECTORS

ಎಂಬ ಪ್ರಬಂಧವನ್ನು ಮಂಡಿಸಿದ್ದು

ಡಾಕ್ಟರ್ ಆಫ಼್ ಫ಼ಿಲಾಸಫ಼ಿ

ಪದವಿಗೆ ಅಪೇಕ್ಷಿತವಾದ ಅಗತ್ಯಗಳನ್ನು ಪೂರೈಸಿದ್ದಾರೆಂದು ಪರಿಗಣಿಸಿ ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಯನ್ನು ಅವರಿಗೆ ಪ್ರಧಾನಮಾಡಲಾಗಿದೆ

PH 19 001156

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆಯೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ

USN: 1EW15PGJ04

(C)

ಬೆಳಗಾವಿ

ದಿನಾಂಕ: APRIL 03, 2021

ಕುಲಪತ್ತಿ.



பாரதியார் பல்கலைக் கழகம் Bharathiar University

அறிவியல் புலம்

FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட குழு. ரேணுகா ச, 2018ஆம் ஆண்டு, நவம்பர் 22ஆம் நாளில் இயற்பியல் தகுதியடைந்திருப்பதா*கச்* ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் அவருக்கு பட்டத்தைப் பல்கலைக் ஏற்று. அந்தப் கழக ஆட்சிக் பாரதியார் பல்கலைக் குழு வழங்குகின்றது.

Syndicate the Bharathiar University нетеву makes known that **RENUKA C** The **DOCTOR OF PHILOSOPHY** of PHYSICS, admitted the Degree having been certified by duly appointed Examiners to be qualified to receive the same on 22nd NOVEMBER 2018.



Given under the Seal of the University.

Coimbatore Perent

Dated:18th December 2019 Controller of Examinations i/c

பதிவாளர்(பொ)
Registrar(i/c)

Vice-Chancello

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI KARNATAKA, INDIA



This is to certify that VENKATARAMANA B S

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF APPLIED SCIENCES (MATHEMATICS)

for the thesis entitled

STUDIES ON POWER EXPONENTIAL MEAN IN SEVERAL VARIABLE AND ITS APPLICATIONS

in recognition of the fulfillment of requirements for the said degree

PH 001822

Given under the seal of the University

USN: 1JS15PGJ05

BELAGAVI

DATE

MARCH 10, 2022

VICE CHANCELLOR