



This is to certify that

Rajeswari

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Electrical and Electronics Engineering Sciences

for the thesis entitled

Robust Speech Recognition using Pattern Recognition and
Statistical Techniques

*in recognition of the fulfillment of requirements
for the said degree*

PH
13

000356

Given under the seal of the University

USN: 1AD06PEN01



U. Adalak
PRINCIPAL

ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU 560 097

P. Chennu
VICE CHANCELLOR

BELGAUM

DATE

MAY 09, 2015



Visvesvaraya Technological University

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

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

Phone: (0831) 2498100

Fax : (0831) 2405467

Ref: VTU/Aca/Ph.D./2019-20/ 505

Date: 26 FEB 2020

To,

Mr. Pranita Niraj Palsapure

USN.1ST16PEJ02

Dept. of ECE

Sambharam Institute of Technology,
Bengaluru.

Sir/Madam,

Sub: Change of Guide and Change of Research Center for Ph.D.
Programme....reg.

Ref: 1. Your Letter Dated.14-01-2020.
2. Hon'ble Vice Chancellor approved Date.20-02-2020.

With reference to the above subject, you are permitted to change the Research Centre and Guide, for Ph.D. Programme as follows:

Name of the Current Guide and Research Centre	Name of the Proposed Guide , and Research Centre
Dr.Vaishali V Patil Dept.(ECE) Sambhram Institute of Technology, Bengaluru.	Dr. Rajeshwari Dept.(ECE) Acharya Institute of Technology, Bengaluru.

This is for your information.

Yours faithfully,


Registrar

Copy Fwc's to:

1. The Registrar(Evaluation), VTU, Belgaum for information and needful.
2. The Principal of Sambhram Institute of Technology, Bengaluru.
3. The Principal of Acharya Institute of Technology, Bengaluru.
4. The Proposed Guide- Dr.Rajeshwari, Prof, Dept. of ECE Acharya Institute of Technology, Bengaluru.
5. The Current Guide- Dr. Vaishali V Patil, Principal International Institute of Information Technology, Hinjwadi Pune.
6. Office Copy.



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ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU 560 107



VTU, Belagavi Student Details

Manage student details under your supervision or co-guidance who are enrolled under VTU, Belagavi University

Professor Name: RAJESWARI | College Name: ACHARYA INSTITUTE OF TECHNOLOGY,Bengaluru, India

Candidate Name

USN (Give hall-ticket number if no USN)

Specialization

Guiding Type

Program

Caste

Registered on

Thesis Submitted

"Final" Viva Finished

Supervisor

Ph.D

GM

04-May-2022

No

No

< Back to Professor Profile

Save

Clear


Total: 5

Student Details	Guide Type	Program	Caste	Registered On	Thesis Submitted	
Sandeep Kumar K (USN: 1AY16PEJ03) VTU, Belagavi Signal Processing	Supervisor	Ph.D	GM	19-Dec-2015	No	Modify Delete
Sumalatha S (USN: 1AY16PEJ02) VTU, Belagavi VLSI Architectures for Video Codecs	Supervisor	Ph.D	GM	19-Dec-2015	No	Modify Delete
Veena K.S (USN: 1AY17PE407) VTU, Belagavi Signal Processing and VLSI Design	Supervisor	Ph.D	CAT-I	11-Aug-2018	No	Modify Delete
Kruthika KR (USN: 1AY15PEJ06) VTU, Belagavi Machine Learning	Supervisor	Ph.D	GM	04-Dec-2014	Yes Final viva Finished	Modify Delete
Pranita Niraj Palsapure (USN: 1AY16PEJ07) VTU, Belagavi Speech Processing	Supervisor	Ph.D	GM	15-Dec-2015	No	Modify Delete

Theses Tracked in Examiner & Researcher

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Student Details	Guide Type	Program	Caste	Registered On	Thesis Submitted
KRUTHIKA K R (USN: 1AY15PEJ06) VTU, Belagavi Electronics and Communication	Supervisor	Ph.D	GM	12-Dec-2014	Yes Final viva Finished


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Visvesvaraya Technological University

Jnana Sangama, Belagavi 590018

1264

FORM-2	PERMISSION LETTER OF Pre-COMPREHENSIVE VIVA VOCE
--------	--

Name of Research Centre/College:	Acharya Institute of Technology
Research Topic:	Computer vision for Automatic Weed Detection and Herbicide Spraying Control in Horticulture Plantation

Sl. No	Doctoral Committee Composition	Name and Designation	College/Organization, Address, e-mail, Mobile
1	Head of Institute/Nominee (Chairperson)	Dr. Prakash M R Principal	Acharya Institute of Technology Soldevanahalli, Bangalore-560 107, prakash@acharya.ac.in 9448864740
2	Head of Research Centre/Department (Member)	Dr. Rajeswari Professor and HOD, Department of Electronics and Communication Engineering	Acharya Institute of Technology Soldevanahalli Bangalore-560 107, rajeswari@acharya.ac.in, 9449827287
	Domain Expert-1 (External)- (Member)	Dr. Manjunath R C Associate professor	Global academy of Technology, Rajarajeshwari nagar, Ideal Homes Township, Bangalore-560098, manjunathrc84@gmail.com, 9738829003
4	Domain Expert-2 (External/Internal)- (Member)	Dr. Ganesh Rao Dean circuit branches	Acharya Institute of Technology Soldevanahalli Bangalore-560 107, drganeshrao@acharya.ac.in , 9611122959
5	Research Supervisor (Member/Convener)	Dr. Rajeswari Professor and HOD, Department of electronics and communication engineering ✓	Acharya Institute of Technology Soldevanahalli Bangalore-560 107, rajeswari@acharya.ac.in, 9449827287
6	Co- Supervisor	NA	NA

The above doctoral committee has reviewed the work of Research Scholar Sandeep kumar K with USN 1AY16PEJ03 and he has completed all his course work and as per VTU Regulation-2017 (Ph.D-17.1). Hence we seek permission from Registrar for conduction of comprehensive Vivavoce.

Please permit the same.

17 FEB 2021

Sandeep K 27/1/21
Signature of the Candidate

Rajeswari 27/1/21
Signature of the Guide

PERMITTED

Rajeswari
Registrar (Evaluation)

Rajeswari 27/1/21
HEAD OF THE DEPARTMENT
Electronics and Communication Engineering
ACHARYA INSTITUTE OF TECHNOLOGY
Bangalore

Registrar (Evaluation):

R 27/1/2021
Signature of the Principal
PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI BANGALORE - 560 107

JUC 50005

JGI



JAIN UNIVERSITY

Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956
vide MHRD Notification No. F-9-57/2007-U3(A)

*We, the Chancellor, Vice Chancellor,
Members of the Board of Management &
Academic Council of Jain University certify that*

Lakshmikanth S

*having been examined in August-2015
with Reg. No. 11PPEEE012
has been conferred with the Degree of*

DOCTOR OF PHILOSOPHY
in Electrical and Electronics Engineering

*by Jain University, Bengaluru
on the 5th day of December 2015.
In Testimony whereof are set the seal of the
said University and the signature of the
said Vice Chancellor*

Date : 1 DEC 2015

Vice Chancellor

जैन विश्वविद्यालय

विश्वविद्यालय अनुदान आयोग अधिनियम, 1956 के अनुभाग 3 के अन्तर्गत मान्य संस्थापन विकास मंत्रालय की
अभिज्ञान संख्या एफ. 9-57/2007-यू3(ए) के द्वारा समविश्वविद्यालय के रूप में घोषित

हम, जैन विश्वविद्यालय के कुलाधिपति, कुलपति,
प्रबन्धन परिषद् के सदस्य एवं
शिक्षा समिति, प्रमाणित करते हैं कि

लक्ष्मिकान्त एस.

जिनकी पंजीयन संख्या 11PPEEE012 है,
अगस्त - २०१५ के परीक्षोपरांत

पीएच. डी.

विद्युतिक एवं विद्युन्मान अभियांत्रिकी

की उपाधि में उत्तीर्ण हुए।
जैन विश्वविद्यालय, बेंगलूरु की ओर से
दिनांक ५ दिसंबर २०१५ को इन्हें यह उपाधि
प्रदान की गई है, जिसके प्रमाण स्वरूप उक्त
विश्वविद्यालय की मोहर एवं
उक्त कुलपति के हस्ताक्षर अंकित हैं।

Principal

कुलपति

Vishwanath Institute of Technology



VTU, Belagavi Student Details

Manage student details under your supervision or co-guidance who are enrolled under VTU, Belagavi University.

Professor Name: **DR LAKSHMIKANTH S** | College Name: **ACHARYA INSTITUTE OF TECHNOLOGY,Bengaluru, India**

Candidate Name

USN (Give hall-ticket number if no USN)

Specialization

Guiding Type

Program

Caste

Registered on

Thesis Submitted

"Final" Viva Finished

Supervisor

Ph.D

GM

19-Aug-2021

No

No

< Back to Professor Profile

Save

Clear

Total: 3

Student Details	Guide Type	Program	Caste	Registered On	Thesis Submitted	
Lakshmikanth Reddy V (USN: 1AY11PEN02) VTU, Belagavi NANO MATERIAL APPLICATIONS FOR SENSORS	Supervisor	Ph.D	GM	15-Dec-2011	No	Modify Delete
MOHAMED NAJMUS SAQHIB (USN: 1VK18PEC01) VTU, Belagavi Wireless Sensor Networks	Supervisor	Ph.D	Others	03-Oct-2017	No	Modify Delete
Jeevith S H (USN: 1VK17PEA02) VTU, Belagavi Image processing	Supervisor	Ph.D	GM	01-Dec-2020	No	Modify Delete

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Student Details	Guide Type	Program	Caste	Registered On	Thesis Submitted
MOHAMED NAJMUS SAQHIB (USN: 1VK18PEC01) VTU, Belagavi Electronics and Communication	Supervisor	Ph.D	Others	03-Oct-2017	No


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SOLDEVANAHALLI, BENGALURU - 560 107



Visvesvaraya Technological University

"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/EL 8411/57

Date: 2 FEB 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 : Jeevith S H
2. Programme : Ph.D.
3. Full time /Part time : Part Time
4. Research Centre : ECE
5. College/Institute : VKIT, Bengaluru
6. Supervisor : Dr. Lakshmi Kanth S
7. Co-Supervisor :
8. Research Topic : "DESIGN OF LOW POWER ARCHITECTURE FOR MOVING OBJECT DETECTION AND TRACKING USING FPGA"
9. Approved Course work

Sl.No.	Group	Course work
1.	14PHDRM	Research Methodology
2.	14PHDEC001	VLSI Design and Embedded Systems
3.	14PHDEC005	Digital System Design
4.	14PHDIT002	Biomedical Image Processing & Applications

This permission for registration is subject to fulfilling the following conditions

1. Letter of acceptance for the Provisional admission, duly forwarded by the Guide/ Co-guide and Head of Research Centre on or before 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)

Registrar

To,

The candidate

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

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ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU 560 107

JUC 50005

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vide MHRD Notification No. F-9-57/2007-U3(A)

*We, the Chancellor, Vice Chancellor,
Members of the Board of Management &
Academic Council of Jain University certify that*

Lakshmikanth S

*having been examined in August-2015
with Reg. No. 11PPEEE012
has been conferred with the Degree of*

DOCTOR OF PHILOSOPHY
in Electrical and Electronics Engineering

*by Jain University, Bengaluru
on the 5th day of December 2015.
In Testimony whereof are set the seal of the
said University and the signature of the
said Vice Chancellor*

Date : 1 DEC 2015

Vice Chancellor

जैन विश्वविद्यालय

विश्वविद्यालय अनुदान आयोग अधिनियम, 1956 के अनुभाग 3 के अन्तर्गत मान्य संस्थापन विकास मंत्रालय की
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लक्ष्मिकान्त एस.

जिनकी पंजीयन संख्या 11PPEEE012 है,
अगस्त - २०१५ के परीक्षोपरांत

पीएच. डी.

विद्युतिक एवं विद्युन्मान अभियांत्रिकी

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दिनांक ५ दिसंबर २०१५ को इन्हें यह उपाधि
प्रदान की गई है, जिसके प्रमाण स्वरूप उक्त
विश्वविद्यालय की मोहर एवं
उक्त कुलपति के हस्ताक्षर अंकित हैं।

Principal

कुलपति

Vishwanath Institute of Technology



VTU, Belagavi Student Details

Manage student details under your supervision or co-guidance who are enrolled under VTU, Belagavi University.

Professor Name: **DR LAKSHMIKANTH S** | College Name: **ACHARYA INSTITUTE OF TECHNOLOGY,Bengaluru, India**

Candidate Name

USN (Give hall-ticket number if no USN)

Specialization

Guiding Type

Program

Caste

Registered on

Thesis Submitted

"Final" Viva Finished

Supervisor

Ph.D

GM

19-Aug-2021

No

No

< Back to Professor Profile

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Clear

Total: 3

Student Details	Guide Type	Program	Caste	Registered On	Thesis Submitted	
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MOHAMED NAJMUS SAQHIB (USN: 1VK18PEC01) VTU, Belagavi Wireless Sensor Networks	Supervisor	Ph.D	Others	03-Oct-2017	No	Modify Delete
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Kalyan
PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

Visvesvaraya Technological University

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

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

REGISTRAR

VTU/ BGM/ Acc/ Ph.D./ 2020-21/ 03/ 145/ 1

Phone: (0831) 2498100

Fax : (0831) 2405467

Date: 8 SEP 2020

To,

Lakshminikanth V.Reddy (1AY11PE/N02)

Dept. Of Electronics And Communication

Acharya Institute of Technology, Bangalore

Sir/Madam,

Sub: Permission for Ph.D. Re-Registration reg..

Ref: The Hon'ble Vice Chancellor approval dated: 07-09-2020.

With reference to the above subject, you are here by granted permission for re-registration for Ph.D. Research Program with the exemption of course work grades.

However, you have to get the eligibility in Comprehensive viva-voce as per the norms of VTU. Following conditions are to be noted.

1. Candidate must follow the Ph.D. Regulations 2017.
2. Candidate should complete the Comprehensive viva-voce on or before 31-03-2021.
3. Minimum Lock-in-period for submission of the Thesis is up to 31-09-2023 and Maximum duration for submission is up to 30-09-2024.
4. Candidates have to submit the Final Synopsis without changing the area of Research Topic.

There will be no further extension of period in this regard, and such communications by the research scholars will not be considered.

This is for your information.

Thanking you,

REGISTRAR

Copy to:

1. The Registrar (Evaluation), VTU, Belagavi for information.
2. The Principal, Acharya Institute of Technology, Bangalore.
3. Research Guide - Dr.Siva Sankar Yellampalli.
4. Office copy.

13/9/2020



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Faculty of Electrical and Electronics Engineering Sciences

for the thesis entitled

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*in recognition of the fulfillment of requirements
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ACHARYA INSTITUTE OF TECHNOLOGY
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[Signature]

VICE CHANCELLOR

BELGAUM

DATE

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Ph.D

GM

04-May-2022

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No

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Veena K.S (USN: 1AY17PE407) VTU, Belagavi Signal Processing and VLSI Design	Supervisor	Ph.D	CAT-I	11-Aug-2018	No	Modify Delete
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VTU, Belagavi Student Details

Manage student details under your supervision or co-guidance who are enrolled under VTU, Belagavi University

Professor Name: RAJESWARI | College Name: ACHARYA INSTITUTE OF TECHNOLOGY,Bengaluru, India

Candidate Name

USN (Give hall-ticket number if no USN)

Specialization

Guiding Type

Program

Caste

Registered on

Thesis Submitted

"Final" Viva Finished

Supervisor

Ph.D

GM

04-May-2022

No

No

< Back to Professor Profile

Save

Clear

Total: 5

Student Details	Guide Type	Program	Caste	Registered On	Thesis Submitted	
Sandeep Kumar K (USN: 1AY16PEJ03) VTU, Belagavi Signal Processing	Supervisor	Ph.D	GM	19-Dec-2015	No	Modify Delete
Sumalatha S (USN: 1AY16PEJ02) VTU, Belagavi VLSI Architectures for Video Codecs	Supervisor	Ph.D	GM	19-Dec-2015	No	Modify Delete
Veena K.S (USN: 1AY17PE407) VTU, Belagavi Signal Processing and VLSI Design	Supervisor	Ph.D	CAT-I	11-Aug-2018	No	Modify Delete
Kruthika KR (USN: 1AY15PEJ06) VTU, Belagavi Machine Learning	Supervisor	Ph.D	GM	04-Dec-2014	Yes Final viva Finished	Modify Delete
Pranita Niraj Palsapure (USN: 1AY16PEJ07) VTU, Belagavi Speech Processing	Supervisor	Ph.D	GM	15-Dec-2015	No	Modify Delete

Theses Tracked in Examiner & Researcher

Please note: Adding below shown USN entires in the above table is required for proper student category (caste) based counts. Going forward, system will automatically manage current status (thesis submitted or final viva finished) for those entries. Other USNs that are NOT tracked in the "Ph.D Examiner (phdthesis.vtu.ac.in)" system require your manual status updates (thesis submitted or final viva finished) to avoid future candidate selections due to supervisor's eligibility criteria.

Student Details	Guide Type	Program	Caste	Registered On	Thesis Submitted
KRUTHIKA K R (USN: 1AY15PEJ06) VTU, Belagavi Electronics and Communication	Supervisor	Ph.D	GM	12-Dec-2014	Yes Final viva Finished

ilc
PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107
VTU, Belagavi © 2022

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ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ

A53-P1-100



Bangalore University



ನೀನು ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದಿಂದ
ಬಿ.ಎಂ.ಎಸ್.ಸಿ.ಎಸ್.ಇಂಜಿನಿಯರಿಂಗ್
ಪದವಿಯನ್ನು ಪೂರ್ಣಗೊಳಿಸಿ
ಈ ಪದವಿಯನ್ನು ಪಡೆದಿರುವೆ.

Certify that
Sujatha.B.M

ಬಿ.ಎಂ.ಎಸ್.ಸಿ.ಎಸ್.ಇಂಜಿನಿಯರಿಂಗ್
ಪದವಿಯನ್ನು ಪೂರ್ಣಗೊಳಿಸಿ
ಈ ಪದವಿಯನ್ನು ಪಡೆದಿರುವೆ.

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

Doctor of Philosophy

(Faculty of Engineering - Computer Science & Engineering)

ಬಿ.ಎಂ.ಎಸ್.ಸಿ.ಎಸ್.ಇಂಜಿನಿಯರಿಂಗ್
ಪದವಿಯನ್ನು ಪೂರ್ಣಗೊಳಿಸಿ
ಈ ಪದವಿಯನ್ನು ಪಡೆದಿರುವೆ.

ಈ ಪದವಿಯನ್ನು ಪೂರ್ಣಗೊಳಿಸಿ
ಈ ಪದವಿಯನ್ನು ಪಡೆದಿರುವೆ.

2017

ಪ್ರಾಚಾರ್ಯರ ಸಹಿ
ಪ್ರಾಚಾರ್ಯರ ಸಹಿ
ಪ್ರಾಚಾರ್ಯರ ಸಹಿ

Efficient Algorithms for Face Recognition based on Spatial
and Transform Domain Techniques

ಪ್ರಾಚಾರ್ಯರ ಸಹಿ
Given under the seal of the University

ಪ್ರಾಚಾರ್ಯರ ಸಹಿ
ಪ್ರಾಚಾರ್ಯರ ಸಹಿ
ಪ್ರಾಚಾರ್ಯರ ಸಹಿ

08/02/2018

M. A. Lakshmi
PRINCIPAL

ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

Visvesvaraya Technological University

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

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

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

Preamble:

Sub: Change of Research Center and Supervisor - reg.
Ref: Hon'ble Vice-Chancellor approval dated 21-09-2021.

Kalpavi CY(IST17PEA05) pursuing research under the guidance of Dr. Venna C S, has requested for Change of Research Center and Supervisor. Based on the recommendations of the Doctoral Committee, No Objection Certificate from the Guiding Centers, and in accordance with the Regulations Governing the Degree of Doctor of Philosophy (Ph.D.), the Change of Research Center and Supervisor as requested by the candidate is approved.

Order No: VTU/HGM/Ph.D/Aca/2020-21/ 535

Date: 28 SEP 2021

Pursuant to the approval of the Hon'ble Vice-Chancellor and as per the preamble above, Kalpavi CY (IST17PEA05) has been permitted to Change of Research Center and Supervisor of her/his Research work.

OLD	NEW
Dr. Venna C.S. Sambharam Institute of Technology Bangalore	Dr. Sujatha B.M. Acharya Institute of Technology, Bangalore

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

By Order,

Registrar

To
Kalpavi CY(IST17PEA05) Research Scholar

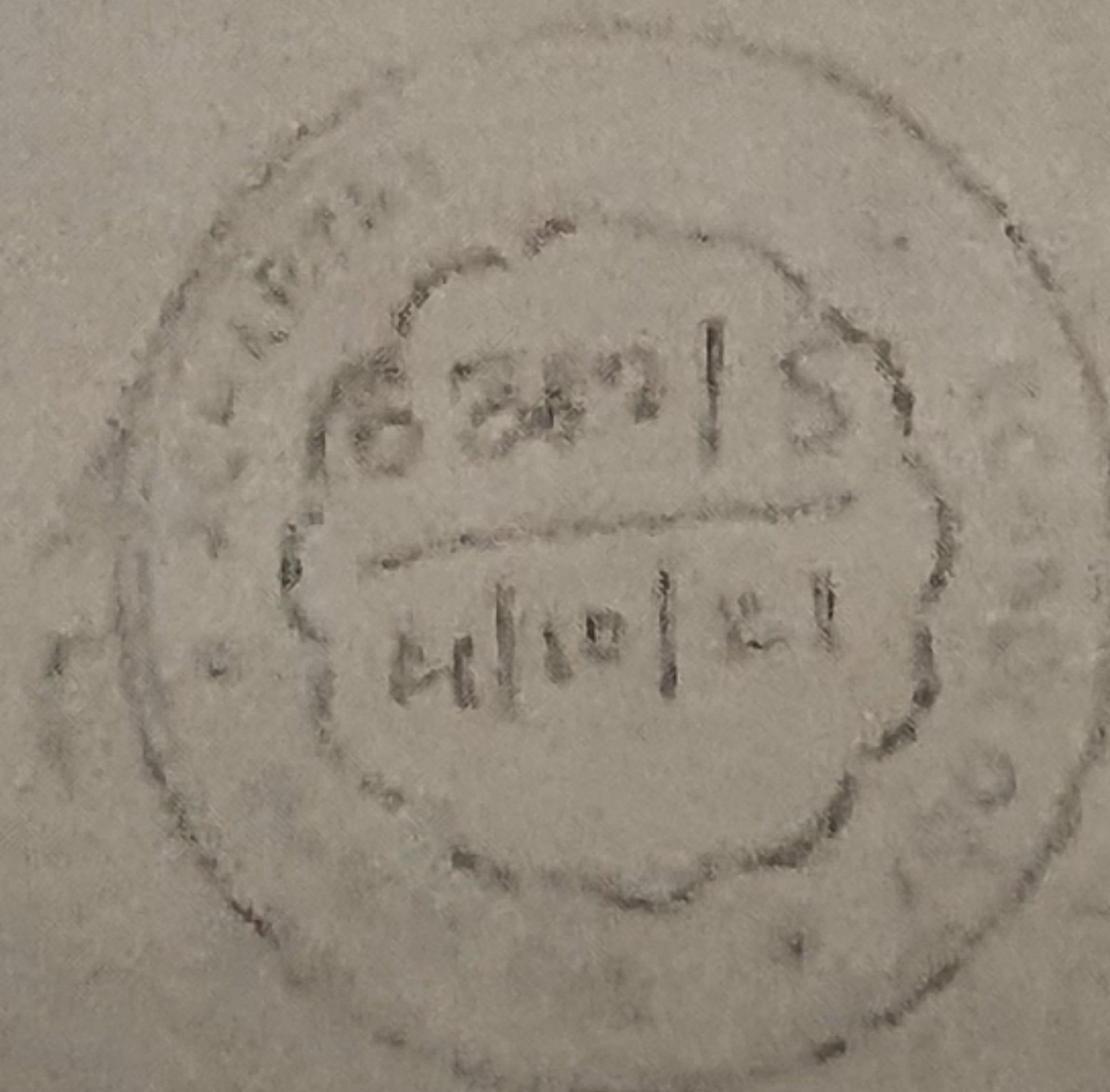
Copy to

1. The Registrar (Evaluation), VTU, Belagavi for information.
2. The Principal, Sambharam Institute of Technology Bangalore
3. The Principal, Acharya Institute of Technology, Bangalore
4. Research Guide- Dr. Venna C.S.
5. Research Guide- Dr. Sujatha B.M.
6. Office copy

M. Acharya

PRINCIPAL

ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU 560 107




Recd 05/10/21
535
12-1

ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ



0000796

Bangalore University



UNIVERSITY OF BANGALORE

1956



(Faculty of Engineering - Computer Science & Engineering)

Efficient

ಎತ್ತರವಾದುದು ಆಗಿರುವುದರಿಂದಲೇ ಇಂತಹ
Given under the seal of the University

ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU 560 107

623



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ 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./2020-21/878

Date: December 31, 2021

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. : 1749

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	KIRAN KUMAR KOMMU
2.	University Seat Number (USN)	1AY20PEC01
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 ELECTRICAL AND ELECTRONICS ENGINEERING SCIENCES
5.	Name of the Research Center	ACHARYA INSTITUTE OF TECHNOLOGY BANGALORE
6.	Specialization	ELECTRONICS AND COMMUNICATION ENGINEERING
7.	Proposed Research Topic / Area.	Development of smart Artificial Intelligence system for Clinically proven interventions for improving the health conditions
8.	Name and address of the Research Supervisor.	SUJATHA B M Professor - ELECTRONICS AND COMMUNICATION ENGINEERING ACHARYA 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. KIRAN KUMAR KOMMU, H NO 105, 2ND MAIN, BETHEL NAGAR, KODIGEHALLI MAIN ROAD, K R PURAM, BANGALORE, KARNATAKA 560036.

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: SUJATHA B M

4. Office copy.

Document Generated Date: 2022-01-03 & Time: 09:24:23, Web portal: <https://jnanashodha.vtu.ac.in>

ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ



0000796

Bangalore University



UNIVERSITY OF BANGALORE

1984



Certify that
Sujatha.B.M

తాత్పర్యం ఆధార పరిచాము

Doctor of Philosophy

(Faculty of Engineering - Computer Science & Engineering)

2017

Efficient Algorithms for Face Recognition based on Spatial and Transform Domain Techniques

ಇತ್ತೀಚೆಯಲ್ಲಿ ಆಗಿನ ಸಂವಿಧಾನದ ಅಡಿಯಲ್ಲಿ
Given under the seal of the University

PRINCIPAL

ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU 560 107



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ 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./2020-21/878

Date: December 31, 2021

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. : 6448

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	MADHU H M
2.	University Seat Number (USN)	1AY20PEC02
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 ELECTRICAL AND ELECTRONICS ENGINEERING SCIENCES
5.	Name of the Research Center	ACHARYA INSTITUTE OF TECHNOLOGY BANGALORE
6.	Specialization	ELECTRONICS AND COMMUNICATION ENGINEERING
7.	Proposed Research Topic / Area.	Cancer detection and Gene identification using Deep learning Approaches.
8.	Name and address of the Research Supervisor.	SUJATHA B M Professor - ELECTRONICS AND COMMUNICATION ENGINEERING ACHARYA 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. MADHU H M, #208, 4TH MAIN, 7TH CROSS, MEI LAYOUT, BAGALGUNTE, HESARAGHATTA MAIN ROAD, BANGALORE.
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: SUJATHA B M
4. Office copy.

Document Generated Date: 2022-01-01 & Time: 15:08:14, Web portal: <https://jnanashodha.vtu.ac.in>

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

TS 1438044



H.T No.: 0903PH0838

Ms. Jayalaxmi H

D/o. Hanumanth Nayak

having fulfilled the academic requirements in *June - 2020*
has this day been admitted by the Executive Council to the Degree of

Dotor of Philosophy

Electronics & Communication Engineering

Topic: "Design of VLSI Architectures for Color Mosaic Pictures".

Given under the Seal of the University

Date: 16-10-2020



Heppanna

DIRECTOR OF EVALUATION

[Signature]
REGISTRAR

[Signature]

PRINCIPAL

ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

[Signature]

VICE CHANCELLOR



49214110081

PC No.
320001954



This is to certify that

ASHA C N

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Computer & Information Sciences

for the thesis entitled

*Design And Performance Analysis of Scalable Mac And
Routing Protocols For Wireless Mesh Networks*

*in recognition of the fulfillment of requirements
for the said degree*

PH 13 001336

USN: 1SK11PEN02

Given under the seal of the University



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ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI BENGALURU 560 107

VICE CHANCELLOR

BELGAUM
DATE :

March 18, 2019

JUC 50005

JGI



JAIN UNIVERSITY

Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956
vide MHRD Notification No. F-9-57/2007-U3(A)

*We, the Chancellor, Vice Chancellor,
Members of the Board of Management &
Academic Council of Jain University certify that*

Lakshmikanth S

*having been examined in August-2015
with Reg. No. 11PPEEE012
has been conferred with the Degree of*

DOCTOR OF PHILOSOPHY
in Electrical and Electronics Engineering

*by Jain University, Bengaluru
on the 5th day of December 2015.
In Testimony whereof are set the seal of the
said University and the signature of the
said Vice Chancellor*

Date : 1 DEC 2015

Vice Chancellor

जैन विश्वविद्यालय

विश्वविद्यालय अनुदान आयोग अधिनियम, 1956 के अनुभाग 3 के अन्तर्गत मान्य संस्थापन विकास मंत्रालय की
अभिज्ञान संख्या एफ. 9-57/2007-यू3(ए) के द्वारा समविश्वविद्यालय के रूप में घोषित

हम, जैन विश्वविद्यालय के कुलाधिपति, कुलपति,
प्रबन्धन परिषद् के सदस्य एवं
शिक्षा समिति, प्रमाणित करते हैं कि

लक्ष्मिकान्त एस.

जिनकी पंजीयन संख्या 11PPEEE012 है,
अगस्त - २०१५ के परीक्षोपरांत

पीएच. डी.

विद्युतिक एवं विद्युन्मान अभियांत्रिकी

की उपाधि में उत्तीर्ण हुए।
जैन विश्वविद्यालय, बेंगलूरु की ओर से
दिनांक ५ दिसंबर २०१५ को इन्हें यह उपाधि
प्रदान की गई है, जिसके प्रमाण स्वरूप उक्त
विश्वविद्यालय की मोहर एवं
उक्त कुलपति के हस्ताक्षर अंकित हैं।

Principal

कुलपति

Vishwanath Institute of Technology



VTU, Belagavi Student Details

Manage student details under your supervision or co-guidance who are enrolled under VTU, Belagavi University.

Professor Name: **DR LAKSHMIKANTH S** | College Name: **ACHARYA INSTITUTE OF TECHNOLOGY,Bengaluru, India**

Candidate Name

USN (Give hall-ticket number if no USN)

Specialization

Guiding Type

Program

Caste

Registered on

Thesis Submitted

"Final" Viva Finished

Supervisor

Ph.D

GM

19-Aug-2021

No

No

< Back to Professor Profile

Save

Clear


Total: 3

Student Details	Guide Type	Program	Caste	Registered On	Thesis Submitted	
Lakshmikanth Reddy V (USN: 1AY11PEN02) VTU, Belagavi NANO MATERIAL APPLICATIONS FOR SENSORS	Supervisor	Ph.D	GM	15-Dec-2011	No	Modify Delete
MOHAMED NAJMUS SAQHIB (USN: 1VK18PEC01) VTU, Belagavi Wireless Sensor Networks	Supervisor	Ph.D	Others	03-Oct-2017	No	Modify Delete
Jeevith S H (USN: 1VK17PEA02) VTU, Belagavi Image processing	Supervisor	Ph.D	GM	01-Dec-2020	No	Modify Delete

Theses Tracked in Examiner & Researcher

Please note: Adding below shown USN entires in the above table is required for proper student category (caste) based counts. Going forward, system will automatically manage current status (thesis submitted or final viva finished) for those entries. Other USNs that are NOT tracked in the "Ph.D Examiner (phdthesis.vtu.ac.in)" system require your manual status updates (thesis submitted or final viva finished) to avoid future candidate selections due to supervisor's eligibility criteria.

Student Details	Guide Type	Program	Caste	Registered On	Thesis Submitted
MOHAMED NAJMUS SAQHIB (USN: 1VK18PEC01) VTU, Belagavi Electronics and Communication	Supervisor	Ph.D	Others	03-Oct-2017	No


PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107



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 Centre-reg...

Ref: Hon'ble Vice-Chancellor approval dated 25-03-2023.

MOHAMED NAJMUS SAQHIB(1VK18PEC01) pursuing research under the guidance of **DR LAKSHMIKANTH S**, has requested for Change Of Research Centre 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 Centre as requested by the candidate is approved.

Order No: VTU/BGM/Ph.D./Aca/2022-23/ ೨೦೮೪೬

Date: 30 MAR 2023

Pursuant to the approval of the Hon'ble Vice-Chancellor and as per the preamble above, **MOHAMED NAJMUS SAQHIB (1VK18PEC01)** has been permitted to Change Of Research Centre of her/his Research work.

OLD	NEW
VIVEKANANDA INSTITUTE OF TECHNOLOGY, Bengaluru	Acharya Institute of Technology, Bengaluru

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

By Order,

Ray *BE*

Registrar

7/3/23

To

MOHAMED NAJMUS SAQHIB(1VK18PEC01) Research Scholar

Copy to

1. The Registrar (Evaluation), VTU, Belagavi for information.
2. The Principal, VIVEKANANDA INSTITUTE OF TECHNOLOGY, Bengaluru
3. Research Guide-DR LAKSHMIKANTH S.
4. The Principal -Acharya Institute of Technology, Bengaluru
5. Office copy.



AemCR / 11/04/2023
copy to Dr. Lakshmi Kanth S
11/04/2023
11/4/23