

SDM College of Engineering and Technology, Dharwad-02  
Department of Electronics and Communication Engineering

Sl. No	Name	University	Thesis Title	Year of Award
1	Dr.Shreedhar A. Joshi	Kuvempu University	Studies based on MIMO wireless systems for capacity improvement and channel selection techniques.	2014
2	Dr.Vijaya C	KUD University	Some studies on Digital Signal Processing	2008
3	Dr.HemalataV.Bhujle	IIT, Bombay	On making non-local means denoising computation effects	2014
4	Dr.SatishS.Bhairannawar	Bangalore University	Efficient VLSI Architecture for Biometrics	2015
5	Dr.S.S.Kerur	VTU Belgavi	Performance Analysis of Arithmetic VLSI Architecture for computational Applications	2016
6	Dr.S.V.Virktamath	VTU Belgavi	Performance analyzing Errors control codes in Wireless Communication	2017
7	Dr. K.N Hosur	VTU Belgavi	VLSI/ Performance Analysis of Data Converter Architectures using VLSI Techniques	2019
8	Dr.Sharada C. Sajjan	VTU Belgavi	'Large Vocabulary continuous speech Recognition of Kannada Language'.	2019
9	Dr.Jayashree C. Nidagundi	VTU Belgavi	A study of performance Aspects of Error control coding using VLSI Techniques	2020
10	Dr.Siddalingesh S. Navalgund	VTU Belgavi	Manual Routing in FPGA for DSP Implementation	2020
11	Dr.Vyas R Murnal	VTU Belgavi	Compact modeling simulation of Nano scale multi gate transistor	2020
12	Dr. Sunil S. Mathad	VTU Belgavi	Effective Architecture For Design and Implementation of AMR in Software Defined Radio	2022
13	Dr.BairuK.Saptalakar	VTU Belgavi	Architecture optimization of image processing Algorithm on FPGA	2023
14	Dr.G.A.Bidkar	Gulbarga University	Some Studies on smart antennas	2014

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ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ,  
We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor,  
ವಿಧ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತು ಮತ್ತು ಸಿಂಡಿಕೇಟ್‌ನ ಸದಸ್ಯರಾದ ನಾವು  
the members of the Academic Council and the Syndicate

Certify that

**SHREEDHAR ANANTRAO JOSHI**

ಇವರು ಪರೀಕ್ಷಕರಿಂದ ಪರೀಕ್ಷಿಸಲ್ಪಟ್ಟು ಪೂರೈಕೆಯಾದ ಅನುಷ್ಠಾನಗಳ  
on the recommendation of the Board of Examiners, admitted to the Degree of

ಡಾಕ್ಟರೇಟ್ ಆಫ್ ಫಿಲಾಸಫಿ

(ಏಲೆಕ್ಟ್ರಾನಿಕ್ಸ್)

**Doctor of Philosophy**

(Electronics)

ಪಡೆದಿಗಿ ಅರ್ಹರಾಗಿರಲಾಗಿ ಪರಿಗಣಿಸಲ್ಪಟ್ಟಿರುವುದರಿಂದ  
in recognition of the fulfilment of requirements

ಇವರಿಗೆ ಈ ಡಿಗ್ರಿಯನ್ನು ಸಂದಿಪರವಾಗಿ ಗೌರವಿಸಿ ಅಭಿಷೇಕಿಸಲಾಗಿದೆ  
for the said Degree at the TWENTY-FIFTH CONVOCATION

ಅಧಿಸೂಚನೆ ದಿನಾಂಕ / Date of Notification : 27-06-2014

ಪ್ರವೇಶೋತ್ಸವ ದಿನಾಂಕ / Date of Convocation : 18-06-2015

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮೊಹೂರಿನೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ.

Given under the seal of the University.



*K. et al.*

174

Cur. No. 174



KARNATAK UNIVERSITY



ನಾವು, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ, ಸಂರಕ್ಷಕರು ಹಾಗೂ ವಿದ್ಯಾನಿರ್ದೇಶಕರು ಪರಿಷತ್ ಸದಸ್ಯರು  
We, the Chancellor, Pro-Chancellor, Vice-Chancellor, Members of the  
Syndicate and Academic Council of the Karnatak University certify that

ವಿಷಯ ಸಿ.

ಇವರು ಸಂಬಂಧಿಸಿದ ಪದವಿ ಬನವರಿ 2008 ರಲ್ಲಿ

ಅರ್ಹರಾದ ನಿಮಿತ್ತ ಇವರಿಗೆ

VIJAYA C.

for having qualified for the Degree in January 2008  
the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ  
Doctor of Philosophy  
PHYSICS

ಪದವಿ ಪ್ರವಾಸವನ್ನು ಧಾರವಾಡ ದಲ್ಲಿ ಎರಡು ಸಾವಿರವಾ ಎಂಟನೆಯ ಫೆಬ್ರುವರಿ  
ಕದಿಮೂರ ರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

has been conferred on her at Dharwad, on the thirteenth day  
of the month of February in the year Two thousand eight.

ಈ ನಿಶ್ಚಯವನ್ನು ಮಾಡಿ ಮತ್ತು ಕುಲಸಚಿಯವರ ರುಪಾಂಗವಾದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಿ  
In testimony whereof are set the Seal of the said University and the signature of the  
said Vice-Chancellor.

S.No. of Certificate 577



*Signature*  
Vice-Chancellor



भारतीय प्रौद्योगिकी संस्थान मुंबई

भुजले हेमलता वासुदेव

को शस्त्रधारी

विद्या वाचस्पति

की उपाधि प्रदान करना है।

अतिरिक्त की अनुसंधान पर संस्थान की सुरक्षित रह उपाधि  
ज्वालि हेतु विविधों ने विहित श्रेणियों को पूर्ण कर के  
नया अपने गौरवपूर्ण के उपाधि प्रस्तोच के उपाधि  
मुंबई, भारतीय संस्थान में अक्टूबर 9 अगस्त, 2014 को दी गई है।

Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

Bhujle Hemalata Vasudev

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

"On Making Non-Local Means Dialogic Compositionally Efficient"

Given this day, under the seal of the Institute at Mumbai in the Republic of India, the 9th day of August 2014.



अध्यक्ष, संसद  
Chairman, Senate

नियंत्रक  
Registrar

अध्यक्ष, बोर्ड ऑफ गवर्नर्स  
Chairman, Board of Governors

000176

A51-P1-158

ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ

# Bangalore University



ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ,  
The Chancellor, the Pro-Chancellor, the Vice-Chancellor  
ಕುಲಸಚಿವ, ಪ್ರಿನ್ಸಿಪಾಲ್ ಮತ್ತು ವಿದ್ಯಾಪೀಠದ ಪರಿಷತ್ ಸದಸ್ಯರಾದವರು  
the members of the Syndicate & Academic Council

Certify that

**Satish S Bhairannawar**

ಯಥಾವೇದಿಗವಾಗಿ ಈಗಾಗಲೇ ಪ್ರವೇಶ ಪತ್ರವನ್ನು ಸಲ್ಲಿಸಿರುವುದು  
has been duly submitted to the Registrar

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

Doctor of Philosophy

(Faculty of Engineering - Computer Science & Engineering)

ಪದವಿಗೆ ಅಗತ್ಯವಾದ ಅರ್ಹತೆಗಳನ್ನು ಪೂರೈಸಿ ಪರಿಗಣಿತವಾಗಿರುವುದು  
in recognition of the fulfillment of requirements  
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಗೆ ಅವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ. ಈ ಪದವಿಯ ವಿವರಗಳು ಮೇಗಿದೆ  
for the said degree as indicated below

2015

ಪದವಿಯನ್ನು ನೀಡಿದ ವರ್ಷ: .....

Year of Award:

ಸಂಶೋಧನಾ ಪ್ರಬಂಧದ ಶೀರ್ಷಿಕೆ:

Subject:

**"Efficient VLSI Architectures for Fingerprint  
Recognition System"**

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಧಿಕಾರ ಮುದ್ರಿಸಿ ನೀಡಲಾಗಿದೆ  
Given under the seal of the University

ಬೆಂಗಳೂರು

Bangalore

ದಿನಾಂಕ

07/06/2016

Date:

B. Unnikrishnan  
ಕುಲಸಚಿವ

Vice-Chancellor

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA



*This is to certify that*  
*Sidlingappa S Kerur*  
*has been conferred the Degree of*  
**Doctor of Philosophy**

*in*

Faculty of Electrical and Electronics Engineering Sciences

*for the thesis entitled*

Performance Analysis of Arithmetic VLSI Architectures  
for Computational Applications

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

Given under the seal of the University

PH 000580  
13

USN: 2SD06PEM02



VICE CHANCELLOR

BELGAUM  
DATE MAY 27, 2016

6

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA

SVU



COPY This is to certify that COPY

Shivashekharayya V Viraktamath

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Electrical and Electronics Engineering Sciences

for the thesis entitled

Performance Analysis and Improvisation of Error Control Codes in Wireless Communication

in recognition of the fulfillment of requirements for the said degree

Given under the seal of the University

PH 13 000685

USN: 2SD09PEM01



Noted

VICE CHANCELLOR

BELGAUM  
DATE

: JANUARY 21, 2017

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA



*This is to certify that*

**KALMESHWAR HOSUR**

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

*Faculty of Electrical & Electronics Engineering Sciences*

*for the thesis entitled*

*Performance Analysis of Data Converter Architectures Using  
Vlsi Techniques*

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

PH 001350

Given under the seal of the University

USN: 2SD09PEN04



BELGAUM

DATE : March 18, 2019

VICE CHANCELLOR



8

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA



*This is to certify that*

**SHARADA C SAJJAN**

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

*Faculty of Electrical & Electronics Engineering Sciences*

*for the thesis entitled*

*Large Vocabulary Continuous Speech Recognition of Kannada  
Language*

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

PH  
13 001333

Given under the seal of the University

USN: 2SD09PEN03



BELGAUM

DATE : March 18, 2019

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

**JAYASHREE C NIDAGUNDI**

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

*Faculty of Electrical & Electronics Engineering Sciences*

*for the thesis entitled*

*A Study of Performance Aspects of Error Control Coding Using  
VLSI Techniques.*

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

PH 000129 Given under the seal of the University

USN: 3PD10PEN03



BELAGAVI

DATE : Feb 08, 2020

VICE CHANCELLOR

10  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

**SIDDALINGESH S NAVALGUND**

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

*Faculty of Electrical & Electronics Engineering Sciences*

*for the thesis entitled*

*Manual Routing in FPGAs for DSP Implementations*

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

PH 000460

Given under the seal of the University

USN: 2SD06PEM03



BELAGAVI

DATE : Feb 08, 2020

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

**VYAS R MURNAL**

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

*Faculty of Electrical & Electronics Engineering Sciences*

*for the thesis entitled*

*Compact Modeling and Simulation of Nano Scale Multi Gate Transistors*

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

PH 19 000528

Given under the seal of the University

USN: 2SD13PEN06

BELAGAVI

DATE

Feb 08, 2020

VICE CHANCELLOR

12  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

SUNIL S MATHAD

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

*for the thesis entitled*

EFFECTIVE ARCHITECTURE FOR DESIGN & IMPLEMENTATION OF  
AMR IN SOFTWARE DEFINED RADIO

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

PH 001548 Given under the seal of the University

USN: 2SD13PEN07



BELAGAVI

DATE : MARCH 10, 2022

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*  
BAIRU K SAPTALAKAR  
*has been conferred the Degree of*  
**Doctor of Philosophy**

*in*

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

*for the thesis entitled*

ARCHITECTURAL OPTIMIZATION OF IMAGE PROCESSING ALGORITHM ON  
FPGA

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

PH  
23 00513

Given under the seal of the University

USN: 2SD13PEN11



BELAGAVI

DATE: FEBRUARY 24, 2023

VICE-CHANCELLOR

2 1H  
ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ  
Gulbarga University

61  
GAB  
P/file  
28/2/14



ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ ಮತ್ತು  
ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ತು ಮತ್ತು ಸಿಂಡಿಕೇಟಿನ ಸದಸ್ಯರಾದ ನಾವು

**ಬೀಡಕರ್ ಗೋಪಾಲ ಎ.**

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಜೂನ್ 2013 ರಲ್ಲಿ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

**ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ**

(ಅಪ್ಲಾಯೆಡ್ ಏಲೆಕ್ಟ್ರಾನಿಕ್ಸ್)

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ 20 ನೇ ಫೆಬ್ರವರಿ ಎರಡು ಸಾವಿರದ ಹದಿನಾಲ್ಕನೆಯ ದಿನ ನೀಡಿದ್ದೇವೆ.  
ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

We, the Chancellor, the Pro-Chancellor, the Vice Chancellor and Members of the  
Academic Council and Syndicate of Gulbarga University Certify that

*Bidkar Gopal A.*

has been found duly qualified in June 2013 for the award of the  
degree of Doctor of Philosophy. Hence the degree of

**DOCTOR OF PHILOSOPHY**

(APPLIED ELECTRONICS)

has been conferred on him / her at Gulbarga

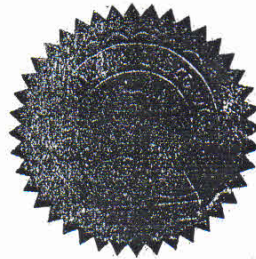
on the 20th day of the month of February in the year Two Thousand Fourteen

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

ಗುಲಬರ್ಗಾ  
Gulbarga

ದಿನಾಂಕ : 20-02-2014

Date : 20-02-2014



*[Signature]*

ಕುಲಪತಿ  
Vice-chancellor