



# Guru Nanak Dev Engineering College

Mailoor Road, Bidar, KA – 585403

Approved by AICTE New Delhi and Affiliated to VTU Belagavi

## CRITERIA 2- TEACHING- LEARNING AND EVALUATION

### Key Indicators:

#### 2.4 Teacher Profile and Quality

**2.4.2: Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)**

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| 1      | Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D in Academic Year 2021-22 | 1-3      |
| 2      | Degree Certificates                                                                                   | 4-31     |



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List of faculties having Ph. D. / D.Sc. / D.Litt. / L.L.D along with particulars of degree awarding university, subject and the year of award Academic year 2021-22

| Sl.No | Name of the Faculty    | Highest Degree Qualification (NET/SET/SLET/Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D.Litt.) | Name of University                      | Subject/Area of Specialization      | Year of Award |
|-------|------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------|---------------|
| 1     | Dr. Basappa.B. Kori    | Ph.D                                                                                            | VTU, Belagavi                           | Water quality monitoring            | 2014          |
| 2     | Dr.Pradeep kumar Singa | Ph.D                                                                                            | UNIVERSITI TEKNOLOGI PETRONAS, MALAYSIA | Wastewater treatment                | 2019          |
| 3     | Dr. Manoj Kumar        | Ph.D                                                                                            | VTU, Belagavi                           | Structural / civil engineering      | 2021          |
| 4     | Dr.NandKishor          | Ph.D                                                                                            | JNTU, hyderabad                         | Mechanical Engineering              | 2015          |
| 5     | Dr.Sanjay Patil        | Ph.D                                                                                            | SRTMU, Nanded                           | Mechanical / production Engineering | 2015          |
| 6     | Dr.Anoop Kumar Elia    | Ph.D                                                                                            | VTU, Belagavi                           | Mechanical Engineering sciences     | 2015          |
| 7     | Dr.Rajendra Mogre      | Ph.D                                                                                            | JNTU, Hyderabad                         | Mechanical Engineering              | 2018          |
| 8     | Dr.Nagraj R. G.        | Ph.D                                                                                            | Kuvempu University, Dharwad             | Machine Design                      | 2016          |
| 9     | Dr.Sangamesh Sirsgi    | Ph.D                                                                                            | VTU, Belagavi                           | Mechanical Engineering sciences     | 2022          |
| 10    | Dr. Neelshety K        | Ph.D                                                                                            | JNTU Hyderabad                          | Power Electronics                   | 2016          |

*Shus.*  
PRINCIPAL  
Guru Nanak Dev Engg. College  
BIDAR



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|    |                           |      |                                              |                                                                                  |      |
|----|---------------------------|------|----------------------------------------------|----------------------------------------------------------------------------------|------|
| 11 | Dr. Kishan Singh Chandra  | Ph.D | Gulbarga University Gulbarga                 | Microwave Electronics                                                            | 2013 |
| 12 | Dr. Mohammed Bakhar       | Ph.D | Gulbarga University, Gulbarga                | Microwave Electronics                                                            | 2014 |
| 13 | Dr. Veerendra             | Ph.D | VTU, Belagavi                                | Antenna Array Signal Processing                                                  | 2019 |
| 14 | Dr. Savita Soma           | Ph.D | VTU, Belagavi                                | Photonics Crystal                                                                | 2021 |
| 15 | Dr. Praveen Kumar Reddy   | Ph.D | VTU, Belagavi                                | Wireless Communication                                                           | 2020 |
| 16 | Dr. Premala               | Ph.D | VTU, Belagavi                                | Wireless Communication                                                           | 2021 |
| 17 | Dr. Ravindra Eklarker     | Ph.D | VTU, Belagavi                                | MANET                                                                            | 2014 |
| 18 | Dr. Dhananjay M           | Ph.D | JNTU, Hyderabad                              | Image Processing & Pattern Recognition                                           | 2015 |
| 19 | Dr. Dayanand Jamkhandikar | Ph.D | NIMS, Jaipur                                 | Image Processing                                                                 | 2016 |
| 20 | Dr. Padmanjali H          | Ph.D | VTU, Belagavi                                | Image Processing                                                                 | 2019 |
| 21 | Dr. Anuradha S            | Ph.D | Gulbarga University Gulbarga                 | Nano and VLSI technology                                                         | 2015 |
| 22 | Dr. Sindhu S              | Ph.D | Dr. Babasaheb Ambedkar Marathwada University | An investigation into the effect of dopant concentration on the S & P Properties | 2017 |
| 23 | Dr. Pratibha Panth        | Ph.D | Dr. Babasaheb Ambedkar Marathwada University | Some contributions to the problems in operations research                        | 2001 |
| 24 | Dr. Raghunandan Kumar     | Ph.D | Magadh University                            | Analytical studies for the determination of some organic compounds               | 2015 |
| 25 | Dr. Krishnaji Kurnale     | Ph.D | Gulbarga University Gulbarga                 | MHD boundary layer flow H&M T over a LE & NS sheet with C&V fluid properties     | 2018 |
| 26 | Dr. Ajai Molakeri         | Ph.D | VTU Belagavi                                 | Comparative study of conducting polymer Bulk & Nano Compositions                 | 2020 |

*Shuz*  
PRINCIPAL  
Guru Nanak Dev Engg. College  
- BIDAR -



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|    |                           |      |                                                      |                                                                                                                         |      |
|----|---------------------------|------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------|
| 27 | Dr. Todkari<br>Shilpa     | Ph.D | Vijayanagar sri Krisnadevaraya<br>University Bellary | Microwave Assisted synthesis, Characterization<br>& Biological studies of some schiff Bases & their<br>silver complexes | 2021 |
| 28 | Dr. Math<br>Shivalingayya | Ph.D | Gulbarga University Gulbarga                         | Synthesis & characterization of low temperature<br>cofired ceramics for microelectronic applications                    | 2018 |

*Shas.*  
Principal  
PRINCIPAL  
Guru Nanak Dev Engg. College  
BIDAR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA



*This is to certify that*  
**Basappa B Kori**  
*has been conferred the Degree of*  
**Doctor of Philosophy**  
*in*

Faculty of Civil Engineering Sciences

*for the thesis entitled*

Investigation of Physico-Chemical Properties of Karanja reservoir,  
river and modeling study in Karnataka State (India)

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

PH 000277

Given under the seal of the University

USN: 3PD05PCM01



BELGAUM

DATE : MAY 20, 2014

*Shree.*  
PRINCIPAL

VICE CHANCELLOR





UNIVERSITI  
TEKNOLOGI  
PETRONAS

No. 091002048

By virtue of the authority vested in it, the Senate hereby awards

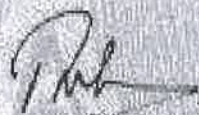
**Pradeep Kumar Singa**

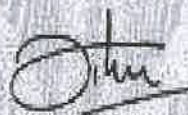
after having satisfactorily completed the requirements and examinations  
prescribed by the University the degree of

**Doctor of Philosophy (PhD) in Civil Engineering**

along with all the associated rights & privileges and in recognition, the Senate hereby  
authorises the Seal of the University to be affixed

On this 15th Day of December 2019

  
Vice-Chancellor

  
Deputy Vice-Chancellor  
Academic

  
Registrar



PRINCIPAL

Guru Nanak Dev Eng. College, Bidar



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

MANOJ KUMAR

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

FACULTY OF CIVIL ENGINEERING SCIENCES

*for the thesis entitled*

BEHAVIOUR OF REINFORCED GEOPOLYMER CONCRETE SLAB  
USING MICRO AND MACRO STEEL FIBERS

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

PH  
19

001084

Given under the seal of the University

USN: 3PD15PCJ01



BELAGAVI

DATE

:

APRIL 03, 2021

VICE CHANCELLOR

*Shur*  
PRINCIPAL  
Guru Nanak Dev Engg College  
BIDAR



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 704784



H.T No.: 0703PH1514

*Mr. Nandkishor  
S/o. Digamberrao*

having fulfilled the academic requirements in *April, 2015*  
has this day been admitted by the Executive Council to the Degree of

*Doctor Of Philosophy  
Mechanical Engineering*

Topic : "Investigations into Characterisation of C.I Engine Characteristics  
Using Straight Vegetable Oils with Ethanol".

Given under the Seal of the University

Date: 21-04-2017



*CSE*

DIRECTOR OF EVALUATION

*Holiah*

REGISTRAR

*Aleesha*

VICE CHANCELLOR



461061439741

PC No  
21339819781

*Shree*  
PRINCIPAL

Guru Nanak Dev Engg College  
BIDAR



Swami Ramanand Teerth Marathwada University, Nanded



We, the Chancellor, the Vice-Chancellor, Members of the Management Council and the Academic Council of the Swami Ramanand Teerth Marathwada University, certify that the degree of

Doctor of Philosophy

In the faculty of Engineering & Technology (Mechanical Production Engg.) has been conferred on **Patil Sanjay** on **Twenty Two January Two Thousand Fifteen** who has been found duly qualified for the same. In testimony whereof is set the seal of the said University.

स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

**पाटील संजय**

हे / ह्या

विद्यावाचस्पती या पदवीस पात्र ठरल्यामुळे त्यांना स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठाचे कुलपती, कुलगुरु, व्यवस्थापन परिषद आणि विद्या परिषद सदस्य यांच्या अनुमतीने

अभियांत्रिकी आणि तंत्रशास्त्र  
(यंत्र उत्पादन अभियांत्रिकी)

विद्याशाखांतर्गत

विद्यावाचस्पती

ही पदवी दिनांक **बावीस जानेवारी दोन हजार पंधरा** रोजी प्रदान करण्यात येत आहे. याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे अंकित करण्यात येत आहे.

२३/०१/२०१५

Date of issue: 22nd January 2015

**Principal**  
Gurukul Day College  
BIDAR

Vice-Chancellor



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA



*This is to certify that*  
**Anoop Kumar Elia**  
*has been conferred the Degree of*  
**Doctor of Philosophy**  
*in*

Faculty of Mechanical Engineering Sciences

*for the thesis entitled*

Balancing of a Mixed Model Assembly Line by Optimal  
Adjustment of Work Load among Work Stations for  
Minimum System Loss

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

PH  
13

000335

Given under the seal of the University

USN: 3GN10PMN01



BELGAUM

DATE : MAY 09, 2015

*Shree*  
**PRINCIPAL**

Guru Nanak Dev Engg. College  
BIDAR

VICE CHANCELLOR



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1327301



H.T No.: 0803PH1589

*Mr. Rajendra Mogre*

*Sh. Malahar Rao*

having fulfilled the academic requirements in *November - 2018*

has this day been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*

*Mechanical Engineering*

Topic: "Influence of Different Abrasive Particles in the Dielectric Fluid on the Performance of Electric Discharge Machining".

Given under the Seal of the University

Date: 01-03-2019



*Uppasani*

DIRECTOR OF EVALUATION

*Ande*

REGISTRAR

*Ala*

VICE CHANCELLOR



48014101503

PC No  
318001138

*Shree*  
**PRINCIPAL**  
Guru Nanak Dev Engg. College  
BIDAR

Scanned with CamScanner



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

**Certify that**

**NAGARAJ GANDHE**

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

**ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ**

(ಮೆಕ್ಯಾನಿಕಲ್ ಇಂಜಿನಿಯರಿಂಗ್)

**Doctor of Philosophy**

(Mechanical Engineering)

ಪದವಿಗೆ ಅರ್ಹರಾಗಿರುತ್ತಾರೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ  
in recognition of the fulfilment of requirements  
ಇಪ್ಪತ್ತಾರನೇ ಘಟಿಕೋತ್ಸವದಲ್ಲಿ ಸದರಿ ಪದವಿಗೆ ಇವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ.  
for the said Degree at the TWENTY SIXTH CONVOCATION

ಅಧಿಸೂಚನೆ ದಿನಾಂಕ / Date of Notification : 28 - 01 - 2016

ಘಟಿಕೋತ್ಸವ ದಿನಾಂಕ / Date of Convocation : 24 - 03 - 2016

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮೊಹರನೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ.

Given under the seal of the University.

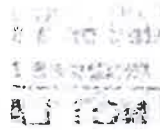


Jnana Sahyadri - Shankaraghatta

ಕ್ರಮ ಸಂಖ್ಯೆ / Sl. No. : KU199072

Date of Issue : 24 - 03 - 2016

KUS



*Shur..*

**PRINCIPAL**

Guru Nanak Dev Engg. College  
BIDAR

*K. Chellappa*

ಕುಲಪತಿ

Vice-Chancellor



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

SANGAMESH

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

FACULTY OF MECHANICAL ENGINEERING SCIENCES

*for the thesis entitled*

EVALUATION OF MECHANICAL PROPERTIES OF AL6061 UNDER  
EXTRUSION PROCESS AND PROCESS MODELLING

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

PH  
23 00624

Given under the seal of the University

USN: 3GN13PMN02

BELAGAVI

DATE : FEBRUARY 24, 2023



*Shree*  
**PRINCIPAL**  
Guru Nafak Dev Engg. College  
**BIDAR**

*[Signature]*

**VICE CHANCELLOR**

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

TS 703113



H.T No. : 0703PH0712

*Mr. Neelashetty Kashappa*  
*S/o. Shankerappa*

having fulfilled the academic requirements in *March, 2016*  
has this day been admitted by the Executive Council to the Degree of

*Doctor Of Philosophy*  
*Electrical And Electronics Engineering*

Topic : "Analysis of Voltage Source Inverter - Fed Adjustable Speed Drives".

Given under the Seal of the University

Date: 21-04-2017



*CSE*  
DIRECTOR OF EVALUATION

*M. N. S. P.*  
REGISTRAR

*A. S. S.*  
VICE CHANCELLOR



PC No  
316000194

*Shri.*  
**PRINCIPAL**  
Guru Nanak Dev Engg. College  
**BIDAR**



92

# ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ Gulbarga University



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

**ಕಿಶನ್‌ಸಿಂಗ್ ಚಂದ್ರಾ**

ಇವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಸೆಪ್ಟೆಂಬರ್ 2012 ರಲ್ಲಿ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

**ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ**

( ಅನ್ವಯಿಕ ವಿದ್ಯುದ್ವಿಜ್ಞಾನ )

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ 6ನೇ ಮಾರ್ಚ್ ಎರಡು ಸಾವಿರದ ಹದಿನೊಂದನೆಯ ದಿನದಿಂದ 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

**Kishansingh Chandra**

has been found duly qualified in September, 2012 for the award of the  
degree of Doctor of Philosophy. Hence the degree of

**DOCTOR OF PHILOSOPHY**

( Applied Electronics )

has been conferred on him at Gulbarga

on the 6th day of the month of March in the year Two Thousand Thirteen.

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

ಗುಲಬರ್ಗಾ  
Gulbarga

ದಿನಾಂಕ : 6-3-2013  
Date : 6-3-2013



*Shree.*  
**PRINCIPAL**  
Guru Nanak Dev Engg. College  
**BIDAR**  
ಕುಲಪತಿ  
Vice-chancellor

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ  
Gulbarga University



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

**ಮಹಮ್ಮದ್ ಬಾಖರ್**

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಜುಲೈ 2013 ರಲ್ಲಿ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

**ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ**

**(ಅಪ್ಲಾಯಡ್ ಏಲೆಕ್ಟ್ರಾನಿಕ್ಸ್)**

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ 20 ನೇ ಫೆಬ್ರವರಿ ಎರಡು ಸಾಕ್ಷರದ ಹದಿನಾಲ್ಕರಂದು 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

*Mohammed Bakhar*

has been found duly qualified in July 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



*Shree*  
**PRINCIPAL**  
Nanak Dev Engg. College  
BIDAR



*[Signature]*  
**ಕುಲಪತಿ**  
Vice-chancellor



**VEERENDRA**

Doctor of Philosophy

in

for the thesis entitled

in recognition of the fulfillment of requirements  
for the said degree

PH  
13

001375

Given under the seal of the University

USN: 5VX13PEN79



BELGAUM

DATE : March 18, 2019

PRINCIPAL

VICE CHANCELLOR



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

SAVITA SOMA

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

*for the thesis entitled*

REALIZATION OF OPTICAL LOGICAL DEVICES USING PHOTONIC  
CRYSTALS

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

PH 000644

Given under the seal of the University

USN: 3RB15PEJ05

BELAGAVI

DATE

APRIL 03, 2021



*Shan...*

PRINCIPAL

*[Signature]*

VICE CHANCELLOR



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*  
**PRAVEENKUMAR REDDY**  
*has been conferred the Degree of*  
**Doctor of Philosophy**  
*in*  
**Faculty of Electrical & Electronics Engineering Sciences**  
*for the thesis entitled*  
**Design and Analysis of Efficient Adaptive Equalizers for  
Wireless Communication Application**  
*in recognition of the fulfillment of requirements  
for the said degree*

PH  
19 000525

Given under the seal of the University

USN: 5VY15PEJ75



BELAGAVI

DATE : Feb 08, 2020

  
VICE CHANCELLOR



CamScanner

  
PRINCIPAL

Guru Nanak Dev Engg. College  
BIDAR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

PREMALA

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

*for the thesis entitled*

IMPROVING NETWORK LIFE TIME AND PERFORMANCE METRICS BY  
MINIMIZING CROSS LAYER ATTACKS

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

PH  
19 001308

Given under the seal of the University

USN: 3GN15PEJ01



BELAGAVI

DATE : APRIL 03, 2021

*Shuvz*  
PRINCIPAL  
Guru Nanak Dev Engg. College  
BIDAR  
*[Signature]*  
VICE CHANCELLOR



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA



*This is to certify that*  
**Ravindra Eklarker**  
*has been conferred the Degree of*  
**Doctor of Philosophy**  
*in*

Faculty of Electrical and Electronics Engineering Sciences

*for the thesis entitled*

Route Maintenance for Reactive Routing Protocols in  
Mobile Ad Hoc Networks

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

PH<sub>13</sub> 000367

Given under the seal of the University

USN: 3PD08PEM02



BELGAUM

DATE : MAY 09, 2015

*Shur*  
PRINCIPAL  
BDA  
BDA

VICE CHANCELLOR

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS703231



H.T No. : 0603PH0640

*Mr. Dhananjay  
S/o. Dinkarrao*

having fulfilled the academic requirements in *May, 2015*  
has this day been admitted by the Executive Council to the Degree of

*Doctor Of Philosophy  
Computer Science And Engineering*

Topic : "Palmprint Processing, Classification and Identification".

Given under the Seal of the University

Date: 21-04-2017



*CSE*

*Madan h p*

*Allegor*

DEPUTY CHIEF OF EXAMINATIONS

REGISTRAR

VICE CHANCELLOR



461061488442

PC No

9306067001

*Shun*  
PRINCIPAL

Guru Nanak Dev Engg. College  
BIDAR



Serial No. : 1804-167

Enrolment No. : PH/10/539



# Nims University

Jaipur (Rajasthan)



This is to certify that  
**Jamkhandikar Dayanand Suryabhan**  
has been awarded the degree of  
**Doctor of Philosophy (Ph.D.) in Computer Science & Engineering**  
of this University for the year 2016.

Jaipur, India  
April 4<sup>th</sup>, 2018

  
President

  
Chairperson



PRINCIPAL

Gurukul Nand Lal Dey Fr. College, Bidar

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA



*This is to certify that*

**PADMANJALI A HAGARAGI**

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

*Faculty of Computer & Information Sciences*

*for the thesis entitled*

*Fusion Based Medical Image Analysis For Disease Diagnosis*

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

PH 001658  
13

Given under the seal of the University

USN: 5VX11PEN37



BELGAUM  
DATE

March 18, 2019

*Shree*

VICE CHANCELLOR

PRINCIPAL

Guru Nanak Dev Engg. College  
BIDAR



ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ  
Gulbarga University



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

**ಅನುರಾಧ್ ಎಂ. ಸಂದಿ**

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ೨೮.೧೧.೨೦೧೪ ರಂದು ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

**ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ**  
**ಮೆಟೀರಿಯಲ್ ಸೈನ್ಸ್**

ಪದವಿಯನ್ನು ಕಲಬುರಗಿಯಲ್ಲಿ 15 ನೇ ಮೇ ಎರಡು ಸಾವಿರದ ಹದಿನೈದರಂದು ನೀಡಿದ್ದೇವೆ.  
ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

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

**ANURADHA M. SANDI**

has been found duly qualified on 28.11.2014 for the award of the  
degree of Doctor of Philosophy. Hence the degree of

**DOCTOR OF PHILOSOPHY**  
**Materials Science**

Has been conferred on him / her at Kalaburagi  
on the 15th of May in the year Two Thousand Fifteen

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



ಕಲಬುರಗಿ  
Kalaburagi

ದಿನಾಂಕ : ೧೫-೦೫-೨೦೧೫  
Date : 15-05-2015



**PRINCIPAL**  
Guru Nanak Dev Engg. College  
**BIDAR**

**Vice-Chancellor**



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

Certify that the withinsigned

*Sindhu S.*

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

The Degree of

Doctor of Philosophy

(*Physics*)

(Under the Faculty of *Science*)

has been conferred on *her* at Aurangabad, on the  
*thirtieth* day of the month of *May* in the year  
*two thousand seventeen*

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

Date of Notification *September 20 2016*

Place: Aurangabad

Date of issue of the

Degree Certificate *30 MAY 2017*

*B. Acharya*

Vice-Chancellor

S.No. COG 30485

*Shree*  
PRINCIPAL

Guru Nanak Dev Engg. College  
BIDAR





We,  
 the Chancellor, Vice-Chancellor  
 and Members of the Management Council of  
 Dr. Babasaheb Ambedkar Marathwada University  
 Certify

Pratibha Garunathrao Kulkarni that the withinsigned

who has been found duly qualified for the Degree of  
 Doctor of Philosophy ( Statistics ) The Degree of

**Doctor of Philosophy**

( Statistics )

has been conferred on her at Aurangabad, on the  
fifth day of the month of February in the year  
two thousand.

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

*Shri.*  
 PRINCIPAL  
 Guru Nanak Dev Engg. College  
 BILAR

Seat No. \_\_\_\_\_

Place : Aurangabad

Date of issue of the \_\_\_\_\_

\_\_\_\_\_



बोधगया

प्रमाणित किया जाता है कि ..... को,  
जिन्होंने सन् १९४४ के ..... माह में आयोजित .....  
संकाय की डाक्टर ऑय ..... की उपाधि के लिए  
प्रस्तावित किया गया था .....  
इसके अलावा ..... विषय  
पर शोध प्रबन्ध प्रस्तुत किया, उन्हें आज उक्त उपाधि के लिए अधिकृत किया जाता है।

## MAGADH UNIVERSITY

**BODHGAYA**

This is to certify that RAGHU NANDAN KUMAR  
who submitted the research thesis on ANALYTICAL STUDIES FOR  
THE DETERMINATION OF SOME ORGANIC COMPOUNDS USING  
REAGENT INVOLVING POSITIVE BROMINE (BR) AT MICROSCALE  
for the degree of Doctor of PHILOSOPHY..... in the faculty  
of SCIENCE..... held in the month of JANUARY  
2014..... and passed the examination, is admitted  
this day to the degree.



ॐ नमो भगवते वासुदेवाय ।

Date: 10 March, 2016

सुखपति

कुलपति

Vice-Chancellor

*Shiv.*  
PRINCIPAL  
Guru Nanak Dev Engg. College  
BIDAR

Guru Nanak Dev Engg. College  
BIDAR

**BIDAR**



# ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ

Gulbarga



University

ಮೂವತ್ತಾರನೆಯ ವಾರ್ಷಿಕ ಭಟಕೋತ್ಸವ

Kalaburagi

The Thirty Sixth Annual Convocation

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ ಮತ್ತು ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತು  
ಮತ್ತು ಸಿಂಡಿಕೇಟಿನ ಸದಸ್ಯರಾದ ನಾವು

ಕ್ರಿಷ್ಣಾಜಿ ಬಾಬುರಾವ

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಜುಲೈ, 2017 ರಲ್ಲಿ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ  
(ಗಣಿತಶಾಸ್ತ್ರ)

ಪದವಿಯನ್ನು ಕಲಬುರಗಿಯಲ್ಲಿ 27ನೇ ಫೆಬ್ರವರಿ, ಎರಡು ಸಾವಿರದ ಹದಿನೆಂಟರಂದು 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

**Krishnaji Baburao**

has been found duly qualified in July, 2017 for the award of the  
degree of Doctor of Philosophy. Hence, the degree of

**DOCTOR OF PHILOSOPHY**  
(Mathematics)

has been conferred on him/her at Kalaburgi on  
27<sup>th</sup> February, Two Thousand Eighteen.

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

ಕಲಬುರ್ಗಿ  
Kalaburagi

ದಿನಾಂಕ/Date: 27-02-2018



ಕುಲಪತಿ

Vice-Chancellor

PRINCIPAL  
Sri Narayana Dax Enge College

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA

*This is to certify that*

**AJAI KUMAR S MOLAKERI**

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

*Faculty of Applied Sciences (Physics)*

*for the thesis entitled*

**Comparative Study of Conducting Polymer Bulk & Nano  
Composites**

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

PH 001496

Given under the seal of the University

USN: 3RB11PGN03



BELGAUM  
DATE

March 18, 2019

  
PRINCIPAL VICE CHANCELLOR  
Guru Nanak Dev Engg. College  
BIDAR



PHDN 00013

ವಿಜಯನಗರ ಶ್ರೀ ಕೃಷ್ಣದೇವರಾಯ ವಿಶ್ವವಿದ್ಯಾಲಯ  
ಬಳ್ಳಾರಿ, ಕರ್ನಾಟಕ



*Vijayanagara Sri Krishnadevaraya University  
Ballari, Karnataka*

*We, the Chancellor, the Pro-Chancellor, the Vice Chancellor, the Senate  
and the Academic Council Members of the University do hereby confer upon this*



**Smt. Todkari Shilpa Audumbar Rao**

*the Degree of*

**DOCTOR OF PHILOSOPHY  
IN CHEMISTRY**

*and is entitled to all right and honours thereon appertaining  
witness the seal of the University and the signatures of its  
officers this 29<sup>th</sup> December 2020*

29<sup>th</sup> December 2020

*Shur.*  
**PRINCIPAL**  
Guru Nanak Dev Engg. College  
BIDAR

# ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ

## Gulbarga



## University

ಮೂವತ್ತಾರನೆಯ ವಾರ್ಷಿಕ ಘಟಿಕೋತ್ಸವ

Kalaburagi

The Thirty Sixth Annual Convocation

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ ಮತ್ತು ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತು ಮತ್ತು ಸಿಂಡಿಕೇಟಿನ ಸದಸ್ಯರಾದ ನಾವು

### ಮಠ ಶಿವಲಿಂಗಯ್ಯಾ ಸಿದ್ರಾಮಯ್ಯಾ

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಫೆಬ್ರವರಿ, 2018 ರಲ್ಲಿ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ  
(ವಸ್ತು ವಿಜ್ಞಾನ)

ಪದವಿಯನ್ನು ಕಲಬುರಗಿಯಲ್ಲಿ 27ನೇ ಫೆಬ್ರವರಿ, ಎರಡು ಸಾವಿರದ ಹದಿನೆಂಟರಂದು 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

### Math Shivalingayya Sidramayya

has been found duly qualified in February, 2018 for the award of the degree of Doctor of Philosophy. Hence, the degree of

### DOCTOR OF PHILOSOPHY (Materials Science)

has been conferred on him/her at Kalaburgi on  
27<sup>th</sup> February, Two Thousand Eighteen.

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

ಕಲಬುರ್ಗಿ  
Kalaburagi

ದಿನಾಂಕ/Date: 27-02-2018



PRINCIPAL

Guru Nanak Dev Engg. College, Bidar

S.R.L.R.

ಕುಲಪತಿ

Vice-Chancellor