



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)

INDEX

Sr. No	Particulars	Page No.
1	Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D in Academic Year 2019-20	1-2
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Guru Nanak Dev Engineering College

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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 2019-20

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	Dhanoranjana Choudhary	PhD	Vinoba Bhawe University, Hazari bagh	Production Engineering	2008
3	Dr.Nandkishor	Ph.D	JNTU, Hyderabad	Mechanical Engineering	2015
4	Dr.Sanjay Patil	Ph.D	SRTMU, Nanded	Mechanical / production Engineering	2015
5	Dr.Anoop Kumar Elia	Ph.D	VTU, Belagavi	Mechanical Engineering sciences	2015
6	Dr.Rajendra Mogre	Ph.D	JNTU, Hyderabad	Mechanical Engineering	2018
7	Dr.Nagraji R. G.	Ph.D	Kuvempu University, Dharwad	Machine Design	2016
8	Dr. Neelshety K	Ph.D	JNTU Hyderabad	Power Electronics	2016
9	Dr. Kishan Singh Chandra	Ph.D	Gulbarga University Gulbarga	Microwave Electronics	2013
10	Dr. Mohammed Bakhar	Ph.D	Gulbarga University, Gulbarga	Microwave Electronics	2014
11	Dr. Veerendra	Ph.D	VTU, Belagavi	Antenna Array Signal Processing	2019
12	Dr. Praveen Kumar Reddy	Ph.D	VTU, Belagavi	Wireless Communication	2020
13	Dr. Ravindra	Ph.D	VTU, Belagavi	MANET	2014

Shree
PRINCIPAL
Guru Nanak Dev Engg. College
BIDAR



Guru Nanak Dev Engineering College

Mailoor Road, Bidar, KA – 585403

Approved by AICTE New Delhi and Affiliated to VTU Belagavi

	Eklarker				
14	Dr. Dhananjay M	Ph.D	JNTU, Hyderabad	Image Processing & Pattern Recognition	2015
15	Dr. Dayanand Jamkhandikar	Ph.D	NIMS, Jaipur	Image Processing	2016
16	Dr. Padmanjali H	Ph.D	VTU, Belagavi	Image Processing	2019
17	Dr. Anuradha.S	Ph.D	Gulbarga University Gulbarga	Nano and VLSI technology	2015
18	Dr. Sindhu .S	Ph.D	Dr. Babasaheb Ambedkar Marathwada University	An investigation into the effect of dopant concentration on the S & P Properties	2017
19	Dr. Pratibha Panth	Ph.D	Dr. Babasaheb Ambedkar Marathwada University	Some contributions to the problems in operations research	2001
20	Dr. Raghunandan Kumar	Ph.D	Magadh University	Analytical studies for the determination of some organic compounds	2015
21	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
22	Dr. Ajai Molakeri	Ph.D	VTU Belagavi	Comparative study of conducting polymer Bulk & Nano Compositions	2020
23	Dr. Math Shivalingayya	Ph.D	Gulbarga University Gulbarga	Synthesis & characterization of low temperature cofired ceramics for microelectronic applications	2018

Shw.
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
3 000277

Given under the seal of the University

USN: 3PD05PCM01



BELGAUM

DATE : MAY 20, 2014

Shree.
PRINCIPAL

VICE CHANCELLOR



विनोबा भावे विश्वविद्यालय

NO. 00013



हजारीबाग (झारखण्ड)

डॉक्टर ऑफ फिलॉसफी

प्रमाणित किया जाता है कि धनोरंजन चौधरी को,
जिन्होंने माह मई , 2008 में आयोजित डॉक्टर ऑफ फिलॉसफी
(..... इंजीनियरिंग) परीक्षा उत्तीर्ण की, आज यह उपधि प्रदान की गई।

शोध का विषय : "

APPLICATION OF QUALITY ENGINEERING
AND MANAGEMENT IN JOB ORDER AND CONTINUOUS
PROCESS INDUSTRIES "

VINOBA BHAVE UNIVERSITY

Hazaribag (Jharkhand), India

Doctor of Philosophy

This is to certify that Dhanoranjana Choudhary who
passed the Doctor of Philosophy (..... Engineering) examination,
held in the month of May , 2008 was this day admitted to
the Degree.

Topic of Research :

"APPLICATION OF QUALITY ENGINEERING AND
MANAGEMENT IN JOB ORDER AND CONTINUOUS PROCESS
INDUSTRIES "



* V B U 0 0 0 1 3 P H B *

विनोबा भावे विश्वविद्यालय, हजारीबाग

Vinoba Bhave University, Hazaribag

दिनांक / Date : 04 NOV 2010

Self attested
Rohan

Kavindra Nath Bhagat
कुलपति

Vice Chancellor

PRINCIPAL

Nanak Dev Engg. College, Bihar

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



[Signature]
DIRECTOR OF EVALUATION

[Signature]
REGISTRAR

[Signature]
VICE CHANCELLOR



461061439741

PC No
21339819761

[Signature]
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
Guru Ramanand Teerth 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

[Signature]
PRINCIPAL

Guru Nanak Dev Engg. College
BIDAR

[Signature]

VICE CHANCELLOR

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1327301



H.T No.: 0803PH1589

Mr. Rajendra Mogre

S/o. 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



[Signature]

DIRECTOR OF EVALUATION

[Signature]

REGISTRAR

[Signature]

VICE CHANCELLOR



48014101503

PC No

318001138

[Signature]
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 ಮೊಹರಿನೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ.

Given under the seal of the University.



Utnana Sahyadri - Shankaraghatta

ಕ್ರಮ ಸಂಖ್ಯೆ / Sl. No : KU199072

Date of issue : 24 - 03 - 2016

KUS



Shur..

PRINCIPAL

Guru Nanak Dev Engg. College
BIDAR

K. Chellay

ಕುಲಪತಿ

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

Madiah
REGISTRAR

Allex
VICE CHANCELLOR



PD No
316000194

Shr.
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)

ವದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ 6ನೇ ಮಾರ್ಚ್ ಎರಡು ಸಾವಿರದ ಹದಿನೊಂದನೆಯ ದಿನದಿಂದಲೂ
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



Shur.
PRINCIPAL
Guru Nanak Dev Engg. College
BIDAR



[Signature]
ಕುಲಪತಿ
Vice-chancellor

63

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 ಪರೀಕ್ಷಾನ್ವಿತ)

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
Gulbarga
BIDAR



[Signature]
ಕುಲಪತಿ
Vice-chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that
VEERENDRA
has been conferred the Degree of
Doctor of Philosophy
in
Faculty of Electrical & Electronics Engineering Sciences
for the thesis entitled
Study of Smart Antennas For Wireless Communication
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

Shree
PRINCIPAL
Guru Vankar Dev Engg. College

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, 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*

PH₁₃ 000367

Given under the seal of the University

USN: 3PD08PEM02



BELGAUM

DATE : MAY 09, 2015

Shur
PRINCIPAL
Jyoti Basappa College
BIDAR

VICE CHANCELLOR

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 703231



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 : "Palmpoint Processing, Classification and Identification".

Given under the Seal of the University

Date: 21-04-2017



CSE

DEPARTMENT OF EVALUATION

Mohdiah p

REGISTRAR

Allesha

VICE CHANCELLOR



461061488442

Shun
PRINCIPAL

PC No
9306067001

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 4th, 2018


President


Chairperson



PRINCIPAL

Gurukul Namsak Dev Pr. College, Bider

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
13 001658

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.

----- *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

SNW/COG/30485

Shree
PRINCIPAL

Gurukul Kangri Colln
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
BIDAR

Seat No. _____

Place : Aurangabad

Date of issue of the



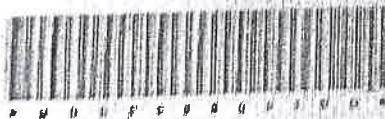
बोधगया

प्रमाणित किया जाता है कि को,
जिन्होंने सन् २०१४ के माह में आयोजित
संकाय की डाक्टर ऑन की उपाधि के लिए
.....
..... 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.



MAGADH UNIVERSITY, BODHGAYA

Date: 10 March, 2016

Shree
PRINCIPAL
Guru Nanak Dev Engg. College
BIDAR

Heera
कुलपति
Vice-Chancellor

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

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
27th 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

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

Shree
PRINCIPAL
Guru Nanak Dev Engg. College
BIBAR

[Signature]
VICE CHANCELLOR

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
27th 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

ಕುಲಪತಿ

Vice-Chancellor