

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

Shus
PRINCIPAL

Guru Nanak Dev Engg. College
BIDAR

VICE CHANCELLOR



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.

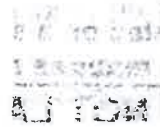


Jnana Sahyadri - Shankaraghatta

ಕ್ರಮ ಸಂಖ್ಯೆ / SI. No : KU199072

Date of Issue : 24 - 03 - 2016

KUS



Shur..

PRINCIPAL

Guru Nanak Dev Engg. College
BIDAR

K. Chellappa

ಕುಲಪತಿ

Vice-Chancellor

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

H. N. S. P.
REGISTRAR

A. S. S.
VICE CHANCELLOR



461061439741

PC No
21339819761

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, कुलगुरू, व्यवस्थापन परिषद आणि विद्या परिषद सदस्य यांच्या अनुमतीने

अभियांत्रिकी आणि तंत्रशास्त्र

विद्याशाखांतर्गत

(यंत्र उत्पादन अभियांत्रिकी)

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 Ramakrishna Engineering College
BIDAR

Vice-Chancellor

92

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ Gulbarga University



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

ಕಿಶನ್‌ಸಿಂಗ್ ಚಂದ್ರಾ

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಸೆಪ್ಟೆಂಬರ್ 2012 ರಲ್ಲಿ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

(ಅನ್ವಯಿಕ ವಿದ್ಯುದ್ವಿಜ್ಞಾನ)

ವದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ 6ನೇ ಮಾರ್ಚ್ ಎರಡು ಸಾವಿರದ ಹದಿನಾರರಂದು 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



Shur.
PRINCIPAL
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

(ಅಪ್ಲೈಡ್ ಏಲೆಕ್ಟ್ರಾನಿಕ್ಸ್)

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ 20 ನೇ ಫೆಬ್ರವರಿ ಎರಡು ಸಾವಿರದ 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
Cum Nanak Dev Engg. College
BIDAR



[Signature]
ಕುಲಪತಿ
Vice-chancellor

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ
Gulbarga University



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

ಅನುರಾಧ್ ಎಂ. ಸೌಂದಿ

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ೨೮.೧೧.೨೦೧೪ ರಂದು ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ
ಮೆಟಿರಿಯಲ್ 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

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ

Gulbarga



University

ಮೂವತ್ತಾರನೆಯ ವಾರ್ಷಿಕ ಭಟಕೋತ್ಸವ

Kalaburagi

The Thirty Sixth Annual Convocation

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ ಮತ್ತು ವಿದ್ಯಾಭಿಷೇಕ 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

PRINCIPAL
Sri. N. S. D. Engg. 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

[Signature]
PRINCIPAL
Guru Nanak Dev Engg. College
BIBAR

[Signature]
VICE CHANCELLOR

PHDN 00013

ವಿಜಯನಗರ ತ್ರೀ 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 29th December 2020*

29th December 2020

Shur.
PRINCIPAL
Guru Nanak Dev Engg. College
BIDAR



बोधगया

प्रमाणित किया जाता है कि राघु मन्दन कुमार को,
 जिन्होंने सन् २०१४ के अक्टूबर माह में आयोजित विश्वविद्यालय
 संकाय की डॉक्टर ऑफ फिलॉसफी की उपाधि के लिए
 प्रस्तुत किया गया था, उसे विश्वविद्यालय द्वारा प्रदत्त किया गया था, जिसमें
 इमेरिटस धरणीय (HONORARY) पद प्राप्त हुआ विषय
 पर शोध प्रबन्ध प्रस्तुत किया, उसे 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.

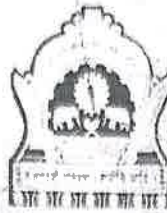


मगध विश्वविद्यालय, बोधगया
 MAGADH UNIVERSITY, BODHGAYA

Date: 10 March, 2016

Shree
 PRINCIPAL
 Guru Nanak Dev Engg. College
 BIDAR

Meera
 कुलपति
 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

Sl. No. COQ 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 Gurusathrao 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 _____

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

No. 091802048

UNIVERSITI
TEKNOLOGI
PETRONAS

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 16th 15th Day of December 2019


Vice-Chancellor


Deputy Vice-Chancellor
Academic


PRINCIPAL
Guruttanak Day Engg. 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

Shree
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

Shuv

PRINCIPAL

Guru Nanak Dev Engg. College
BIDAR

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*

PH₁₃ 000367

Given under the seal of the University

USN: 3PD08PEM02



BELGAUM

DATE : MAY 09, 2015

Shur
PRINCIPAL
Sri P. V. Engg. College
BIDAR

[Signature]
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 : "Palmprint Processing, Classification and Identification".

Given under the Seal of the University

Date: 21-04-2017



CSE

M. Dhananjay

A. S. S. S.

DEPARTMENT OF EVALUATION

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
Bankhandikar 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

Shiv
PRINCIPAL
Guru Hanat Dev Engg College
BIDAR

President

Chairperson

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



भारतीय प्रौद्योगिकी संस्थान मुंबई

अशोक हणमंतराव बिरावार
को एतद्वारा

विद्या वाचस्पति

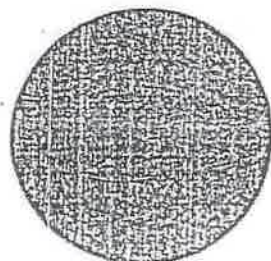
की उपाधि प्रदान करता है।

अभिषेक की अनुज्ञा पर संस्थान के मुख्यालय पर उपस्थित
अवाप्ति हेतु विनियमों के अंतर्गत उपस्थित को प्रमाणित करता है।
तथा सितंबर 2003 में उपस्थित आचार्य प्रमुख को उपस्थित प्रमाणित करता है।
मुंबई, भारतीय गणराज्य में आज 6 अगस्त, 2004 को।

Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confer the title of
Doctor of Philosophy
on
Ashok Hanumantrao Biravar
who has fulfilled the requirements to attain the degree of
and successfully defended in September 2003, the thesis entitled
“Physico-Chemical and Biological Methods of the Treatment of Post-Anaerobic Distillery Spentwash”.

Given this day, under the seal of the Institute, Mumbai in the Republic of India,
the 6th day of August 2004.



PRINCIPAL
Guru Nanak Dev Engg College
BROAR

[Signature]

Professor & Head
Department Of Mathematics
College Of Engineering
Kopergaon - 423601

21

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ಗುಲ್ಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ

Gulbarga



University

ಕುಲ್ಬುರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ

Kalaburagi

The Thirty Sixth Annual Convocation

ಗುಲ್ಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾದಿಪತಿ, ಸಹಕುಲಾದಿಪತಿ, ಕುಲಪತಿ ಮತ್ತು ಪ್ರಾಚಾರ್ಯರ ಪರವಾಗಿ ಮತ್ತು ಸಿಂಡಿಕೇಟಿನ ನೆರವಿನಿಂದ ನಾವು

ಮಠ ಶಿವಲಿಂಗಯ್ಯ ಸಿದ್ರಾಮಯ್ಯ

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಪಟ್ಟನು, 2018 ರಲ್ಲಿ ಆಹ್ವಾನಿಸಲ್ಪಟ್ಟ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

(ಮಸ್ತು ವಿಜ್ಞಾನ)

ನಡವಿಯನ್ನು ಕುಲ್ಬುರ್ಗಿಯಲ್ಲಿ 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.

ಕುಲಸಚಿವ
Kalaburagi

ದಿನಾಂಕ/Date: 27-02-2018



S.R.L.R.
ಕುಲಪತಿ

Vice-Chancellor

Shree
PRINCIPAL

Guru Manak Dev Engg. College
BIDAR

೭ ೫೦೦

VINOBA BHAVE UNIVERSITY, HAZARIBAG

NOTIFICATION

By order of the Vice-Chancellor, Vinoba Bhave University, Hazaribag, the undermentioned candidate is declared to have passed the Doctor of Philosophy (Faculty of Engineering) Examination in **Mechanical Engineering** held in the month of May, 2008.

NAME OF THE CANDIDATE

DHANORANJAN CHOUDHARY

TOPIC OF THE THESIS

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

Sd/-

(Dr.M.K.Singh)

Controller of Examinations,

Dated 14/5/08

Memo No. VBU/Ex-391-445/08

Copy to:

1. The candidate concerned.
 2. Supervisor, Dr.R.K.Srivastava, Prof. in Production Engg. Dept., B.I.T., Sindri.
 3. The External Examiner concerned.
 4. The Dean Faculty of Engineering, B.I.T., Sindri.
 5. The Registrars of all Universities in Jharkhand.
 6. The Assistant-in-charge, Degree Section, Examination, V.B.U., Hazaribag.
 7. The Director of National Archives, New Delhi for information.
 8. The Librarian, National Library, Kolkata.
 9. Secretary, A.I.U., New Delhi.
 10. H.O.D., Mechanical Engineering, B.I.T., Sindri.
 11. P.A. to V.C. for kind information of the V.C.
 12. The Editors, a) Ranchi Express, Ranchi
b) Prabhat Khabar, Ranchi
c) Times of India, Patna
d) Hindustan, Ranchi
e) Aj, Ranchi
f) Dainik Jagran, Ranchi
- for favour of publication free of cost if they so desire.

14.5.2008
(Dr.M.K.Singh)

Controller of Examinations,
Vinoba Bhave University,
Hazaribag

Shree
PRINCIPAL
Guru Nanak Dev Engg. College
BIDAR
14/5/08

Osmania University
Provisional Certificate

12415

Roll No.



This is to certify that... Allam Mohan.....
son / daughter of... Allam Venkatarao.....
passed the Degree of Doctor of Philosophy (Ph.D.) Examination
of this University, held in March, 1990, and that he / she was placed in
the Division.

The subjects in which he / she was examined were

Chemistry



Hyderabad-A.P. }

Date 15-3-1990 }

[Signature]
Registrar

[Signature]
PRINCIPAL
Guru Nanak Dev Engg. College
BIDAR

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



[Signature]
DIRECTOR OF EVALUATION

[Signature]
REGISTRAR

[Signature]
VICE CHANCELLOR



PG No
316000194

[Signature]
PRINCIPAL
Guru Nanak Dev Engg. College
BIDAR

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 000525
19

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

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
G. V. V. T. U. Dev Engg. College
Belgaum

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



[Signature]

DIRECTOR OF EVALUATION

[Signature]

REGISTRAR

[Signature]

VICE CHANCELLOR



48014101503

PC No
318001138

[Signature]
PRINCIPAL
Guru Nanak Dev Engg. College
BIDAR

Scanned with CamScanner

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 Nanak Dev Engg. College
BIDAR

VICE CHANCELLOR

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

विद्याशाखांतर्गत

(यंत्र उत्पादन अभियांत्रिकी)

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

Shur
PRINCIPAL
Guru Nanak Dev Engg. Coll.
BIDAR

Vice-Chancellor