



Dr. K. E. Prakash, B.A., M.A., M.Phil.
Registrar

Phone: (0831) 2405468
Fax : (0831) 2405467

Ref: VTU/Ad/2013-2014/171 2544 - PY
OFFICE ORDER

Date: 22 OCT 2013

Subj: Registration of Ph.D./M.Sc.(Engg.) by Research from May 2013
Ref: Your application for the Ph.D./M.Sc.(Engg.) by Research.

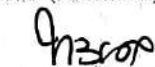
By the direction of the Vice-Chancellor, you are hereby permitted to register for pursuing research with the following details:

1.	Name	:	Sandhya
2.	Programme	:	Ph.D.
3.	Full time /Part time	:	Part Time
4.	Research Centre	:	Physics
5.	College/Institute	:	VTU-BRC
6.	Supervisor	:	Dr.Ravindra H J
7.	Co-Supervisor	:	
8.	Research Topic	:	"Crystal Growth, Characterization and Nonlinear Optical Properties of D- π -A- π -A and D- π -A- π -D type conjugate Organic Molecules"
9.	Approved Course work		
	Sl.No.	Group	Course work
	1.	PHY-102	Quantum Mechanics
	2.	PHY-204	Atomic and Molecular Physics
	3.	PHY-205	Solid State Physics
	4.	PHY-307	Laser Physics
	5.	PHY-406	Advances in Laser Physics and non linear optics
	6.	PHY-413	Crystal Growth and Characterization

This permission for registration is subject to fulfilling the following conditions:

1. Submission of a letter confirming acceptance of provisional admission to Ph.D./M.Sc.(Engg.) and an undertaking to abide by rules and regulations of the University stipulated from time to time to the Office of the undersigned, on or before 06th Nov 2013, forwarded by the Supervisor and the Head of the Institution in which the Research Centre mentioned above is located.
2. Send a DD to VTU for requisite registration fee of ₹ 4000/- drawn in favour of the Finance Officer, VTU, Belgaum

Note: This Provisional Registration is subject to fulfilling the conditions specified in the Clause PHD14.9 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D.-2011).



Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT

Vishwothama Nagar, Udipi Dist.


BANTAKAL - 574 115

Registrar

To,

the candidate

- Copy to, 1. The Research Centre A/TURRI
2. The Supervisor/Co-Supervisor


Department of Physics
Shri Madhwa Vadiraja Institute of
Technology and Management
Bantakal - 574 115



Visvesvaraya Technological University

Jnana Sangama ,Belagavi- 590 018

Dr.H G Shekharappa
Registrar (Evaluation)

Phone: (0831)2498136
Fax : (0831)2405461

Ref.No/VTU/Exam/2015-16/376

Date: - 9 JUN 2015

COURSE WORK COMPLETION CERTIFICATE

The candidate Ms. Sandhya bearing U.S.No. 5VX13PGN24 has completed six course work subjects as a prerequisite for the Ph.D Programme.

Sl.No	Subject Code	Subject Title	Grade
1	PHY204	Atomic and Molecular Physics	B
2	PHY307	Laser Physics	B
3	PHY205	Solid State Physics	B
4	PHY102	Quantum Mechanics	A
5	PHY406	Advances in Laser Physics and Non Linear Optics	B
6	PHY413	Crystal Growth and Characterization	B

Registrar (Evaluation)

Department of Physics
Shri Madhwa Vadiraja Institute of
Technology and Management
Bantakal - 574 115

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar Udipi Dist.
BANTAKAL 574115

Abbreviations for 2012 batch onwards: Grading System -S (Out Standing) -90-100 Marks,
A (Excellent) - 75-89 Marks, B (Good) - 60-74 Marks, C (Satisfactory) - 50-59 Marks, Below 50 marks F (Fail)

Abbreviations for Candidate admitted below 2012 batch : Grading System -A- 76-100 Marks,
B- 61-75 Marks, C- 50-60 Marks,Below 50 marks Not Eligible

Visvesvaraya Technological University

Jnana Sangama, Balagavi - 590 018 , Karnataka State, INDIA

Dr. H. G. Shekharappa

Phone: (0831)2498136

Registrar (Evaluation)

Fax : (0831)2405461

Ref No/VTU/Exam/2016-17/ 761

Date: 16 SEP 2016

Office Note

Sub : COMPREHENSIVE VIVA-VOCE Examination Result - reg.

The result of the Pre-Ph.D. COMPREHENSIVE VIVA-VOCE Examination is as below,

S.No.	Name	Research Centre	Result
1	Sandhya 4MW13PGN01	Shri Madhwa Vadiraja Institute of Technology & Management Bantakal Udupi Dist.	Eligible

With this registration of the candidate is confirmed and the suggestion of the examiner made during the comprehensive viva-voce are enclosed here with.

[Signature]
Department of Physics
Shri Madhwa Vadiraja Institute of
Technology and Management
Bantakal - 574 115

[Signature]
Registrar (Evaluation)

Copy to

- 1) Mr/Mrs. Sandhya , Research Scholar, Dept of Physics, Shri Madhwa Vadiraja Institute of Technology & Management Bantakal Udupi Dist.
- 2) The Principal , Shri Madhwa Vadiraja Institute of Technology & Management Bantakal Udupi Dist.
- 3) Dr.Ravindra H.J. Associate Professor, Dept Of Physics, Shri Madhwa Vadiraja Institute of Technology & Management Vishwothama Nagar, Bantakal, Udupi-574115

[Signature]
Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar Udupi Dist.
BANTAKAL 574 115

Comments on the Ph.D.
work:

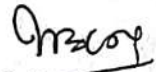
:
Good initiation for the future work

Suggestions for Further work:

- Optimization of crystal growth conditions
- electrical characterization also may be carried out

Recommendations:

The proposed work is recommended with inclusion of above suggestions



Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Wahwothama Nagar, Udupi Dist.
BANTAYAL - 574 115

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

This is to certify that

RAVIPRABHA K

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF APPLIED SCIENCES (CHEMISTRY)

for the thesis entitled

STUDIES OF CORROSION INHIBITION OF ALUMINIUM BY USING SIMPLE
AND FUSED HETEROCYCLIC COMPOUNDS IN ACIDIC MEDIUM

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

PH
23 00056

Given under the seal of the University

USN: 4NM13PGN03



BELAGAVI

DATE : FEBRUARY 24, 2023

Principat

Principat

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar Udupi Dist.
BARKANAL 575115

(Signature)
VICE CHANCELLOR



Visvesvaraya Technological University

Jnana Sangama, Belagavi- 590 018

Prof. Satish Annigeri Ph.D.
Registrar (Evaluation)

Phone: (0831)2498136

Fax (0831)2405461

Ref.No/VTU/Exam/2018-19/ 97

Date: 27 APR 2018

COURSE WORK COMPLETION CERTIFICATE

The candidate **Mr. Nagaraja Rao** bearing U.S.No. 4CB15PEJ01 has completed four course work subjects as a prerequisite for the Ph.D Programme.

Sl.No	Subject Code	Subject Title	Grade
1	14PHDEE006	Linear Algebra	C
2	14PHDEE005	Micro Electronics and Control Systems	C
3	14PHDRM	Research Methodology	B
4	14PHDIT003	Sensors and Applications	C


Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar Udipi Dist.
BANTAKAL - 574 115


REGISTRAR (EVALUATION)

Abbreviations for 2012 batch onwards : Grading System -S(Out Standing)-90-100 Marks,
A(Excellent)- 75-89 Marks, B(Good)- 60-74 Marks, C(Satisfactory)- 50-59 Marks, Below 50 marks F(Fail)



Visvesvaraya Technological University

Jnana Sangama, Belagavi - 590 018 , Karnataka State, INDIA

Prof. Satish Annigeri

Registrar (Evaluation)

Phone: (0831)2498136

Fax (0831)2405461

Ref.No/VTU/Exam/2018-19/1462

Date: 8 APR 2019

Office Note

Sub : COMPREHENSIVE VIVA-VOCE Examination Result - reg.

The result of the COMPREHENSIVE VIVA-VOCE Examination is as below;

S.No.	Name	Research Centre	Result
1	Nagaraja Rao 4CB15PEJ01	Canara Engineering College,Bantwal.	Eligible

With this registration of the candidate is confirmed and the suggestion of the examiner made during the comprehensive viva-voce are enclosed here with.

Annigeri
Registrar (Evaluation)
25/04/19

Copy to

- 1) Mr/Mrs. Nagaraja Rao, Research Scholar, Dept. of Electronics And Communication, Canara Engineering College, Bantwal.
- 2) The Principal , Canara Engineering College, Bantwal.
- 3) Dr. Shantharama Rai, C. Professor & HOD, Dept of Electronics & Communication, Canara Engineering College Benjana Padavu-574219, Bantwal Taluk.

Anoop
Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar Udupi Dist.
BANTWAL 594 139



Visvesvaraya Technological University

Umana Sangama, Bellur, 560 078, Karnataka State

Dr. K. F. Prakash, B.E. Sc. B.
Registrar

Phone: (0831) 2105168
Fax: (0831) 2105167

Ref: VTU/Aca/2013-2014/AT/Phy/9591

Date: 15 DEC 2014

OFFICE ORDER

Sub: Registration of Ph.D./M.Sc.(Engg.) by Research from May 2014
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	Usha H	
2	Programme	Ph.D.	
3	Full-time/Part-time	Part Time	
4	Research Centre	Physics	
5	College/Institute	SMVITM, Bantakal	
6	Supervisor	Dr. Ravindra H.J	
7	Co-Supervisor		
8	Research Topic	"Crystal Growth, Characterization & Structural-NLO Property Relationship in A- and L- shape Organic Molecules"	
9	Approved Course work		
	Sl No	Group	Course work
	1.	14PHDRM	Research Methodology
	2.	14PHDPHY004	Atomic, Nuclear and Molecular Physics
	3.	14PHDPHY005	Solid State Physics, Nano Science and Technology
	4.	14PHDPHY006	Materials Science
	5.	14PHDPHY008	Flourescence Spectroscopy and X-Ray Crystallography
	6.	14PHDNT002	Nanomaterials Characterization Techniques

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 29th Dec 2014.
2. An undertaking to abide by the rules and regulations of the University.
3. DD of ₹ 4000/- drawn in favour of the Finance Officer VTU, Bellur of towards requisite registration fee

Note: This Provisional Registration is subject to fulfilling the conditions specified in the Clause PHD14.9 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2014)

To,

The candidate

- Copy to:
1. The Research Centre, VTURRC
 2. The Supervisor/Co-Supervisor

Registrar

Principal

SHRI MADHVA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothana Nagar, Udipi Dist,
BANTAKAL 574115



Visvesvaraya Technological University

Jnana Sangama ,Belagavi- 590 018

Dr. H. G. Shekharappa
Registrar (Evaluation)

Phone: (0831)2498136
Fax : (0831)2405461


Ref.No/VTU/Exam/2016-17/


Date: 20 SEP 2016

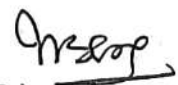
COURSE WORK COMPLETION CERTIFICATE

The candidate Ms. Usha H. bearing U.S.No. 4MW15PGJ02 has completed six course work subjects as a prerequisite for the Ph.D Programme.

Sl.No	Subject Code	Subject Title	Grade
1	14PHDPHY00 A	Atomics,Nuclear and Molecular Physics	B
2	14PHDPHY00 B	Flourescence sectroscopy and X-ray crystallography	C
3	14PHDPHY00 C	Material Science	
4	14PHDNT002	Nanomaterials Characterisation Techniques	
5	14PHDRM	Research Methodology	B
6	14PHDPHY00 E	Solid State Physics,Nano Science and Technology	


 Head
 Department of Physics
 Shri Madhwa Vaidika Institute of
 Technology and Management
 Bapatkal - 574 115


 REGISTRAR (EVALUATION)


 Principal
 SHRI MADHWA YADIRAJA
 INSTITUTE OF TECHNOLOGY & MANAGEMENT
 Vishwothama Nagar Udipi Dist.
 BANTARGAL - 574 115

Abbreviations for 2012 batch onwards : Grading System -S(Out Standing)-90-100 Marks,
 A(Excellent)- 75-89 Marks, B(Good)- 60-74 Marks, C(Satisfactory)- 50-59 Marks, Below 50 marks F(Fail)

Abbreviations for Candidate admitted before 2012 batch : Grading System -A- 76- 100 Marks.
 B- 61-75 Marks, C- 50-60 Marks, Below 50 marks Not Eligible



Visvesvaraya Technological University

Jnana Sangama, Belagavi - 590 018 , Karnataka State, INDIA

Prof. Satish Annigeri

Phone: (0831)2498136

Registrar (Evaluation)

Fax (0831)2405461

Ref.No/VTU/Exam/2017-18/ 2140

Date: 30 October 2017

Office Note

Sub : COMPREHENSIVE VIVA-VOCE Examination Result - reg.

The result of the COMPREHENSIVE VIVA-VOCE Examination is as below;

S.No.	Name	Research Centre	Result
1	Usha H 4MW15PGJ02	Shri Madhwa Vadiraja Institute of Technology & Management Bantakal Udupi Dist.	Eligible

With this registration of the candidate is confirmed and the suggestion of the examiner made during the comprehensive viva-voce are enclosed here with.

[Signature]
Head
Department of Physics
Shri Madhwa Vadiraja Institute of
Technology & Management
Bantakal Udupi-574115

[Signature]
Registrar (Evaluation)

VSV

Copy to

- 1) Mr/Mrs. Usha H. Research Scholar, Dept. of Physics, Shri Madhwa Vadiraja Institute of Technology & Management Bantakal Udupi Dist.
- 2) The Principal, Shri Madhwa Vadiraja Institute of Technology & Management Bantakal Udupi Dist.
- 3) Dr.Ravindra H.J. Associate Professor, Dept of Physics, Shri Madhwa Vadiraja Institute of Technology & Management Vishwothama Nagar, Bantakal, Udupi-574115.

[Signature]
Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574115

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA



This is to certify that

DEEPIKA B V

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF CIVIL ENGINEERING SCIENCES

for the thesis entitled

ASSESSMENT OF GROUNDWATER VULNERABILITY USING GIS-BASED
DRASTIC MODEL A CASE STUDY IN UDUPI DISTRICT, KARNATAKA STATE,
INDIA

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

PH
23 00191

Given under the seal of the University

USN: IBM15PCJ05



BELAGAVI

DATE : FEBRUARY 24, 2023

[Signature]
Principal

SHRI RADHWA KANWARA
INSTITUTE OF MANAGEMENT & MANAGEMENT
Vishwothame Nagar, Udupi Dist.
KARNATAKA, INDIA

VICE CHANCELLOR



Visvesvaraya Technological University

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

Dr. K. E. Prakash, B.E.M.E., Ph.D.
Registrar

Phone: (0831) 2405468
Fax : (0831) 2405467

Ref.: VTUI/Cal/2015-2016/A7/IMA 6892

Date: 6 NOV 2015

OFFICE ORDER

Sub : Registration of Ph.D./M.Sc.(Engg.) by Research from June 2015
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 : Nisha Reena Nazareth
2. Programme : Ph.D.
3. Full time /Part time : Part Time
4. Research Centre : Mathematics
5. College/Institute : VTU-RRC, Belagavi
6. Supervisor : Dr. Lalita Priya Castelino
7. Co-Supervisor :
8. Research Topic : "Complete & Set Colorings of Digraphs"

9. Approved Course work

Sl.No.	Group	Course work
1.	14PHDRM	Research Methodology
2.	14PHDMA001	Ordinary & Partial Differential Equations
3.	14PHDMA002	Advanced Numerical Methods
4.	14PHDMA004	Complex Analysis
5.	14PHDMA005	Advanced Graph Theory
6.	14PHDMA010	Linear Algebra

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 20th Nov 2015.
2. An undertaking to abide by the rules and regulations of the University.
3. DD of ₹'4000/- drawn in favour of the Finance Officer VTU, Belagavi of towards requisite registration fee.

Note: This Provisional Registration is subject to fulfilling the conditions specified in the Clause PHD14.9 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2014)

Registrar

To,

The candidate

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

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar Udipi Dist.
BANDARPOLE, UDUPI



Visvesvaraya Technological University
"Jnana Sangama", Belgaum - 590 018, Karnataka State

Dr. K. E. Prakash, P.E., M.E., Ph.D.
Registrar

Phone : (0831) 2405468
Fax : (0831) 2405467

Ref. No VTU / Aca. / 2015-16 / A-71 / 9812 (d)
To,

Date: **17 FEB 2016**

Nisha Reeni Nazareth
Dept of mathematics
Udupi

Sir,

Sub: Ph.D./M.Sc. (Engg.) by Research at VTU RRC 2015-2016 reg.,

With reference to the above subject, you are hereby informed that your application of Registration for Ph.D./M.Sc. (Engg.) at VTU Research Resource Centre has been considered for the year 2015-2016. Hence, you are required to send a DD for fees given below on or before **15th March 2016**.

1st Year Fee Structure for Ph.D./M.Sc. (Engg.) by Research Programmes under VTU Research Resource Centre w.e.f. 2015-2016 batch.

Sl. No.	Particulars	Ph.D.		M.Sc. (Engg.)	
		Full Time	Part Time	Full Time	Part Time
To be Paid to University					
1	Tuition fee per year				
	a. For candidates from Academic & Research Institutions	₹ 23,700/-	₹ 16,500/-	₹ 13,700/-	₹ 6,500/-
	b. For Sponsored candidates from Industries	₹ 33,700/-	₹ 26,500/-	₹ 28,700/-	₹ 21,500/-

DD should be drawn in favor of Finance Officer, VTU, Belgaum

Thanking you,

Yours faithfully,


REGISTRAR

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar Udupi Dist.
BANTARAL 574 115



Visvesvaraya Technological University

Jnana Sangama ,Belagavi- 590 018

Prof. Satish Annigeri Ph.D.
Registrar (Evaluation)

Phone: (0831)2498136
Fax (0831)2405461

Ref.No/VTU/Exam/2018-19/ 620

Date: 27 AUG 2018

COURSE WORK COMPLETION CERTIFICATE

The candidate Ms. Nisha Reena Nazareth bearing U.S.No. 5VX16PGJ32 has completed six course work subjects as a prerequisite for the Ph.D Programme.

Sl.No	Subject Code	Subject Title	Grade
1	14PHDMA005	Advanced Graph Theory	C
2	14PHDMA002	Advanced Numerical Methods	C
3	14PHDMA004	Complex Analysis	A
4	14PHDMA010	Linear Algebra	B
5	14PHDMA001	Ordinary and Partial Differential Equations	C
6	14PHDRM	Research Methodology	C

REGISTRAR (EVALUATION)

Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udipi Dist.
BANTAKAL - 574 115

Abbreviations for 2012 batch onwards : Grading System -S(Out Standing)-90-100 Marks,
A(Excellent)- 75-89 Marks, B(Good)- 60-74 Marks, C(Satisfactory)- 50-59 Marks, Below 50 marks F(Fail)

Abbreviations for Candidate admitted before 2012 batch : Grading System -A- 76-100 Marks,
B- 61-75 Marks, C- 50-60 Marks, Below 50 marks Not Eligible



Visvesvaraya Technological University

Jnana Sangama, Belagavi - 590 018 , Karnataka State, INDIA

Prof. Satish Annigeri

Phone: (0831)2498136

Registrar (Evaluation)

Fax (0831)2405461

Ref.No/VTU/Exam/2018-19/ 1494

Date: 20 APR 2019

Office Note

Sub : COMPREHENSIVE VIVA-VOCE Examination Result - reg.

The result of the COMPREHENSIVE VIVA-VOCE Examination is as below;

S.No.	Name	Research Centre	Result
1	Nisha Reena Nazareth 4MW16PGJ03	Shri Madhwa Vadiraja Institute of Technology & Management Bantakal Udupi Dist.	Eligible

With this registration of the candidate is confirmed and the suggestion of the examiner made during the comprehensive viva-voce are enclosed here with.

Registrar (Evaluation)

Copy to

- 1) Mr/Mrs. Nisha Reena Nazareth, Research Scholar, Dept. of Mathematics, Shri Madhwa Vadiraja Institute of Technology & Management Bantakal Udupi Dist.
- 2) The Principal, Shri Madhwa Vadiraja Institute of Technology & Management Bantakal Udupi Dist.
- 3) Dr. Lalita Priya Castellino, Head, Dept of Mathematics, Madhwa Vadiraj Institute of Technology & Management, Vishwothama Nagar, Bantakal, Udupi District.

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 113



Visvesvaraya Technological University

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

Dr. H. N. Jagannatha Reddy M. V. E. Ph.D.
Registrar

Phone: (0831) 2405466
Fax : (0831) 2405467

Ref: VTU/Aca/2016-2017/47/3033

Date:

11 AUG 2016

OFFICE ORDER

Sub: Registration of Ph.D. M.Sc.(Engg.) by Research from June 2015
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 : Arun Upadhyaya
2. Programme : Ph.D
3. Full time / Part time : Part Time
4. Research Centre : E&CE
5. College/Institute : VTU-RRC Belagavi
6. Supervisor : Dr. Shubha P Bhat
7. Co-Supervisor :
8. Research Topic : "Security Enhanced Hybrid Digital Image Encryption Technique"
9. Approved Course work

Sl.No.	Group	Course work
1.	14PHDRM	Research Methodology
2.	14PHDIT002	Biomedical Image Processing and Application
3.	14PHDEC004	Wireless and Mobile Networks
4.	14PHDEC003	Communication Systems

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 20th August 2016.
2. An undertaking to abide by the rules and regulations of the University.
3. DD of ₹ 4000/- drawn in favour of the Finance Officer VTU, Belagavi of towards requisite registration fee.

Note: This Provisional Registration is subject to fulfilling the conditions specified in the Clause PHD14.9 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2014)

To,

The candidate

- Copy to, 1. The Research Centre VTU-RRC Belagavi
2. The Supervisor Dr. Shubha P Bhat

Registrar

11/08/16


Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar Udipi Dist.
BANTARGAL 594 115



ವಿಸ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಂಗಳೂರು

Visvesvaraya Technological University

Jnana Sangama, Belagavi - 590 015, Karnataka State.

REGISTRAR

VIT CAMPUS BELAGAVI

2/2/2023

To

Amal Kumar S (M.Sc. 2021)
Dept of Electronics And Communication Engineering
VIT Belagavi, S. P. Road, Belagavi

Sir/Madam

Sub: Permission for Ph.D. / M.S. Research Programme
Re: The Hon'ble Vice-Chancellor approval dated 27/01/2023

With reference to the above subject, you are hereby granted permission for research programme for Ph.D. / M.S. (Research Research Programme) with the consent of VIT, Belagavi for the duration of 3 years from the date of registration.

However, it is to be noted that all the research programmes should be completed within the stipulated time period. The maximum number of papers for submission should be 12 (twelve) papers for Ph.D. and 6 (six) papers for M.S. The Ph.D. registration should be completed within 30 days from the date of registration.

In case of any delay in the submission of the research programme, the permission granted for Ph.D. / M.S. research programme will be terminated. The Ph.D. / M.S. registration should be completed within 30 days from the date of registration. The Ph.D. / M.S. registration should be completed within 30 days from the date of registration. The Ph.D. / M.S. registration should be completed within 30 days from the date of registration.

There will be no further extension of the period for the Ph.D. / M.S. registration. The Ph.D. / M.S. registration should be completed within 30 days from the date of registration. The Ph.D. / M.S. registration should be completed within 30 days from the date of registration.

Thanking you

[Signature]
REGISTRAR

Copies:

1. The Registrar, Belagavi for information
2. The Registrar, Belagavi for information
3. The Registrar, Belagavi for information
4. The Registrar, Belagavi for information

[Signature]
Principal

SHRI MADHVA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udipi Dist.
BANTAKAL - 574 115



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

Visvesvaraya Technological University

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

Prof. B. E. Rangaswamy, Ph.D
REGISTRAR

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

Preamble:

Sub: Change Of Research Centre and Guide-reg...

Re: Hon'ble Vice-Chancellor approval dated 05-09-2023.

Arun Upadhyaya(5VX16PEJ75) pursuing research under the guidance of Dr. Shubha P Bhat., has requested Change Of Research Centre and Guide Based on the recommendations of the Doctoral Committee. No 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 and Guide as requested by the candidate is approved.

Order No: VTU/BGM/Ph.D./Aca/2022-23/ 709

Date: - 7 SEP 2023

In pursuance to the approval of the Hon'ble Vice-Chancellor and as per the preamble above, Arun Upadhyaya (5VX16PEJ75) has been permitted to Change Of Research Centre and Guide of her/his Research work.

OLD	NEW
Dr. Shubha P Bhat,VTU-RRC Belagavi	Dr. Shantharama Rai C. A. J. Institute of Engineering & Technology Mangaluru

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

By Order,

R BE
07/09/23
Registrar
7/9/23

To

Arun Upadhyaya(5VX16PEJ75) Research Scholar

Copy to

1. The Registrar (Evaluation), VTU, Belagavi for information.
2. The Chairperson, Dept. of Electronics And Communication VTU Research Resource Centre, Belagavi.
3. Research Guide-Dr. Shubha P Bhat..
4. The Principal - A. J. Institute of Engineering & Technology Mangaluru
5. Research Guide-Dr. Shantharama Rai C.
6. Office copy.

gms
Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, 11 Topal Dist.
BANGALORE 560019



Visvesvaraya Technological University

Jnana Sangama ,Belagavi- 590 018

Prof. Satish Annigeri ^{Ph.D}
Registrar (Evaluation)

Phone: (0831)2498136
Fax (0831)2405461

Ref No/VTU/Exam/2018-19/ 591

Date: 21 AUG 2018

COURSE WORK COMPLETION CERTIFICATE

The candidate **Mr. Arun Upadhyaya** bearing U.S.No. **5VX16PEJ75** has completed four course work subjects as a prerequisite for the Ph.D Programme.

Sl.No	Subject Code	Subject Title	Grade
1	14PHDIT002	Biomedical Image Processing and Applications	C
2	14PHDEC003	Communication Systems	B
3	14PHDRM	Research Methodology	C
4	14PHDEC004	Wireless and Mobile Networks	B

REGISTRAR (EVALUATION)

Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115

Abbreviations for 2012 batch onwards. Grading System -S(Out Standing) 90-100 Marks
A(Excellent) 75-89 Marks B(Good) 60-74 Marks C(Satisfactory) 50-59 Marks Below 50 marks F(Fail)

Abbreviations for Candidate admitted before 2012 batch. Grading System A 76-100 Marks
B- 61-75 Marks C- 50-60 Marks Below 50 marks Not Eligible

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA



This is to certify that
RENITA SHARON MONIS
has been conferred the Degree of
Doctor of Philosophy

in

FACULTY OF APPLIED SCIENCES (MATHEMATICS)

for the thesis entitled

**ESTIMATION OF UNSTEADY STABILITY DERIVATIVES FOR
DELTA WINGS IN HIGH SPEED FLOW**

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

PH
23 00949

USN: 4MT17PGA02

Date of Viva Voce : 04-Mar-2023

BELAGAVI

DATE : AUGUST 01, 2023

Given under the seal of the University



[Signature]
Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwathansa Nagar, Bidari Dist
DAN TALUK, KARNATAKA

[Signature]

VICE CHANCELLOR



Visvesvaraya Technological University

Jnana Sangama ,Belagavi- 590 018

Dr. T N Sreenivasa

B.E.,M.E.,PhD.,FIE.,CEng

Registrar (Evaluation)

Phone: (0831)2498136

Fax (0831)2405461

Ref.No/VTU/Exam/2023-24/ 184

Date: 24 JUL 2023

COURSE WORK COMPLETION CERTIFICATE

The candidate **Mr / Ms Sachin Prabhu K.** bearing U.S.No. **5VX17PEA14** has completed four course work subjects as a prerequisite for the Ph.D Programme.

Sl.No	Subject Code	Subject Title	Grade
1	14PHDRM	Research Methodology	C
2	14PHDEC004	Wireless and Mobile Networks	C
3	14PHDEC003	Communication Systems	C
4	14PHDIT003	Sensors and Applications	B

REGISTRAR (EVALUATION)

(Signature)

(Signature)

Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Ulupi Dist.
BANTAKAL - 574 115

Abbreviations for 2012 batch onwards : Grading System -S(Out Standing)-90-100 Marks,
A(Excellent)- 75-89 Marks, B(Good)- 60-74 Marks, C(Satisfactory)- 50-59 Marks, Below 50 marks F(Fail)

Abbreviations for Candidate admitted before 2012 batch : Grading System -A- 76-100 Marks,
B- 61-75 Marks, C- 50-60 Marks, Below 50 marks Not Eligible



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

(ವಿಜಯ ನಗರ ಸರ್ಕಾರದ ಅಧೀನದಲ್ಲಿ 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

Dr. B. E. Rangaswamy Ph.D.
Registrar (Evaluation)

Phone: (0831) 2498131

Fax: (0831) 2498184

Ref: No. VTU/Exam/Ph.D. 525

Date: 02-09-2021

7 SEP 2021

Coursework Completion Certificate

USN : 4MW18PMA01

Name : KAVYALAXMI UPADHYAYA

Subject Code	Subject Title	Grade	Exam
16MAT02	Integral Transforms & Calculus of Variations	B	FEB-2020
16MAT04	Computer Fundamentals and Programming in C	C	FEB-2020
16MAT05	Probability and Stochastic process	A	APRIL-2019
16MAT08	Advanced Graph theory	C	FEB-2020
16MAT09	Advanced Numerical Methods	S	APRIL-2019
16PHDRM	Research methodology	C	NOV-20

Dr. B. E. Rangaswamy

Registrar (Evaluation)

Dr. B. E. Rangaswamy

Grade Table

Grade	S	A	B	C	F
Marks	90 To 100	80 To 89	70 To 79	60 To 69	0 To 59

Dr. B. E. Rangaswamy

Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwathartha Nagar, Udipi Dist.
KARNATAKA 576 103



Registrar

Phone: (0831) 2405468

Fax: (0831) 2405467

VTU/BGM/Ph.D./Pre-Comp.Exam/2021-2022/375/15

Date: 27 AUG 2021

CONFIRMATION OF Ph.D. REGISTRATION

Sub: Confirmation of Ph.D. Registration of **4NM18PME02** Dept. of **Mechanical Engineering and Science** reg.

Ref:

1 This University Notification No.	VTU/Ph.D/A7/2017-18/469.5	Dated: 08 Sep 2017
2 This office provisional Registration Ref No.	VTU/Ph.D/Ac/A7/2017-18/ME/9058-90	Dated: 28 Dec 2017
3 Course Work result Ref.	VTU/Exam/Ph.D/2019-20/535	Dated: 15 Sep 2020
4 Pre-Comprehensive Viva Voce Result Ref.	VTU/BGM/Ph.D/Pre-Viva/2020-21/77	Dated: 15 Apr 2021
5 Approval of the Hon'ble Vice-Chancellor.	Dated: 10 Aug 2021	

1. Sri **MALLYA ANANTH MOHAN** was provisionally admitted for Ph.D. Programme vide Registration No.(USN) **4NM18PME02** dated (Ph.D) as per this Office Notification cited at (2) above.
2. After the successful completion of the Course work, upon the recommendations of the Admission committee and also pursuant to the approval of the Hon'ble Vice-Chancellor, the said provisional Ph.D. Registration of Sri **MALLYA ANANTH MOHAN** is hereby confirmed with effect from **10-Aug-2021**, as per the clause 18 of Ph.D. Regulation-2017.
3. The said Researcher shall take up research activities under the guidance of Dr **DR. NARASIMHA KRISHNA BAILKERI**, Dept. of **Mechanical Engineering and Science**, and Research Centre **NMAM INSTITUTE OF TECHNOLOGY, NITTE** on the Research Topic entitled **Optimization of cooling mechanism of a 4-stroke 2-wheeler air-cooled engine using Bernoulli's principle with correlation between cooling efficiency and fuel efficiency.**

By Order,

REGISTRAR

To, **MALLYA ANANTH MOHAN**, Asst. Professor, Dept. of Mechanical Engineering, SHri Madhwa Vadiraja Institute of Technology and Management, Bantakal - 574115, Udupi District

Copy to,

1. The Registrar (Evaluation), VTU, Belagavi for information.
2. Research Center: **NMAM INSTITUTE OF TECHNOLOGY, NITTE**
3. The Supervisor: **DR. NARASIMHA KRISHNA BAILKERI**
4. The Co-Supervisor: (No Co-Guide)
5. Office Copy.

**NMAMIT
NITTE**

26 AUG 2021

No.: 43

[Signature]

Principal

**SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT**

Vishwothama Nagar, Udupi Dist.

574115

To:
Aca
25/8

NOC - 190900109 - P Vaidehi Nayantara

Centre for Doctoral Studies [MAHE] <cds.mahe@manipal.edu>

Tue 11/28/2023 2:35 PM

To:Registrar Evaluation [MAHE] <evaluation@manipal.edu>

Cc:P. Vaidehi Nayantara 190900109 <nayantara.p@learner.manipal.edu>;Research and Consultancy Office [MAHE-MIT] <research.mit@manipal.edu>;Director [MAHE-MIT] <director.mit@manipal.edu>;Ashok Rao [MAHE-MIT] <a.rao@manipal.edu>;Surekha Kamath [MAHE-MIT] <surekha.kamath@manipal.edu>;Manjunath K N [MAHE-MIT] <manjunath.kn@manipal.edu>;Rajagopal K.V. [MAHE-KMC] <rajagopal.kv@manipal.edu>;Shreesha C [MAHE-MIT] <shreesha.c@manipal.edu>

1 attachments (29 MB)

Plagiarism_Report.pdf,

MAHE/PHD/NOC-2023

Date: November 28, 2023

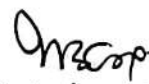
Registrar - Evaluation
MAHE, Manipal

Dear Sir,

This is to certify that the following candidate has completed all the formalities required for processing the PhD synopsis/thesis. The synopsis/ thesis may be accepted for further procedures.

Registration number:	190900109
Name:	P Vaidehi Nayantara
Category:	Full time
Date of Registration:	13-08-2019
Institute/Research Centre Name:	MIT, Manipal

Yours faithfully,

Dr Vasudha Devi
Deputy Director, Centre for Doctoral Studies


Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothrama Nagar Udupi Dist.
BANTAKAL - 574 115



Visvesvaraya Technological University

Jnana Sangama, Belagavi, Karnataka 590018

Registrar

Phone (0831) 2405468
Fax (0831) 2405467

VTU/Ph.D./AC/A7/2019-2020/ ME/1575/16

Date 03. Jun 2019

OFFICE ORDER

Sub Regarding of Ph.D./M.Sc (Engg.) by Research Program.
Ref Your application for the Ph.D. /M.Sc.(Engg.) by Research Program.

By the recommendations of the Admission Committee, you are hereby provisionally permitted to register under VTU for pursuing Ph.D. /M.Sc (Engg.) research Program with the following details:

1 Name	ADITYA KUDVA S							
2 Programme	Ph.D							
3 Type	Part Time							
4 Research Centre Department	Mechanical Engineering and Science							
5 College/Institute	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT,,BANTAKAL							
6 Supervisor	DR. GAJANAN ANNE							
7 Co-Supervisor	(No Co-Supervisor)							
8 Research Topic	DEVELOPMENT OF BIO-DEGRADABLE IMPLANT MATERIALS THROUGH MICRO-ALLOYING, SEVERE PLASTIC DEFORMATION AND THIN FILM COATING TECHNIQUES.							
9 Constitution of Doctoral committee & approval from University	Ph.D. 3.1.2 Regulations-2017							
10 Proposing Coursework	Course work should be selected and approved by Doctoral Committee as per Ph.D 14.1 (a) Regulations-2017							
11 Mandatory residence certificate for part time candidates	Ph.D. 15.1 Regulations-2017							
12 Six months Progress Report (From date of Provisional Registration) Ph.D.16 Regulations-2017	1st	2nd	3rd	4th	5th	6th	7th	8th
13 Course work	Ph.D 14 Regulations-2017							
14 Comprehensive Viva-Voce	Ph.D. 17 Regulations-2017							
15. Conformation of Ph.D Registration	Ph D. 18 Regulations-2017							
16. Open Seminar (I & II)	Ph D. 19.1 Regulations-2017							
17. Pre-Submission Colloquium	Ph D 19.2 Regulations-2017							
18. Submission of Long Synopsis plagiarism check and publications	Ph D 19.3 , Ph.D 19.4 & Ph D 20 Regulations-2017							


Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udipi Dist.
BANTAKAL - 590018

19. Submission of Thesis	Ph.D 22 Regulations-2017
20. Final Viva-Voce	Ph.D. 23.7 Regulations-2017

This permission for registration is subject to fulfilling the following conditions:

1. Letter of acceptance for the Provisional admission, duly forwarded by the Supervisor/ Co-Supervisor and Head of Research Centre on or before 23, Jun 2019.
2. An undertaking to abide by the rules and regulations of the University.
3. **Online payment of Rs.6000/- towards requisite registration fee.**
4. University Development fee (One time paid) 2,000/-
5. E-Consortium (every academic year) 3,000/-

Note: This Provisional Registration is subject to fulfilling the conditions specified in the Clause Ph.D.14.6 and 14.7 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2017).



REGISTRAR
G.

Download VTU regulation: <http://www.vtu.ac.in/pdf/regulation/phd201718.pdf>

To, **ADITYA KUDVA S**, SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, VISHWOTHAMA NAGAR, BANTAKAL, UDUPI - 576101.

Copy to,

1. Research Center: **SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT,,SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT ,BANTAKAL**
2. The Supervisor/Co-Supervisor: **DR. GAJANAN ANNE / (No Co-Supervisor)**


Principal
**SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT**
Vishwothama Nagar Udupi Dist.
BANTAKAL 576105



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama", Belagavi- 590018

Prof. Satish Annigeri ^{Ph.D.}
Registrar (Evaluation)

Phone: 0831-2498136

Fax: 0831-2405461

Ref. No. VTU/Exam/Ph.D./2019-20/ 535

Date: 15-09-2020

Coursework Completion Certificate

USN: 4MW19PME01

Name of Candidate: ADITYA KUDVA S

Subject Code	Subject Title	Grade	Exam
16MCM153	Rapid Prototyping	B	2020 Feb
16MCM22	Flexible Manufacturing Systems	C	2020 Feb
16MST251	Surface Treatment and Finishing	B	2020 Feb
16PHDRM	Research Methodology	C	2020 Feb

Registrar (Evaluation)

24

Grading Table

Grade	S	A	B	C	F
Marks	90 to 100	80 to 89	70 to 79	60 to 69	0 to 59

Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115



Visvesvaraya Technological University

Jnana Sanjama, Belagavi, Karnataka 590018

Dr. B E Rangaswamy Ph.D.
Registrar (Evaluation)

Phone (0831) 2498136
Fax (0831) 2405451

VIV/BG14/Ph.D/Reg. No. 21/662

Date 22. Oct 2021


Office Note

Sub: COMPREHENSIVE VIVA-VOCE Examination Result-Reg.

The result of the COMPREHENSIVE VIVA-VOCE Examination is as below

USN	Candidate Name	Research Center Enrolled	Result
4MW19PME01	ADITYA KUDVA S	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT,,Bantakal, Udupi, India	Eligible

With this, registration of the candidate is confirmed and suggestion of the examiner made during the comprehensive viva-voce are enclosed here with.


Registrar (Evaluation)

Copy to:-

- ✓1) **ADITYA KUDVA S**, Research Scholar, Mechanical Engineering and Science, SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT,,Bantakal, Udupi, India
- 2) **The Principal**, SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT,,Bantakal, Udupi, India
- ✓3) **DR. GAJANAN ANNE**, Assoc.Prof, Research Supervisor, Mechanical Engineering and Science, SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT,,Bantakal, Udupi, India


Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115



Registrar

Phone: (0831) 2405468

Fax: (0831) 2405467

VTU/BGM/Ph.D./Pre-Comp.Exam/2021-2022/860/7

Date: 22 DEC 2021

CONFIRMATION OF Ph.D. REGISTRATION

Sub: Confirmation of Ph.D. Registration of 4MW19PME01 Dept. of Mechanical Engineering and Science reg.

Ref:

- 1 This University Notification No. VTU/Ph.D/A7/2018-19/1959 Dated: 06 Jun 2018
- 2 This office provisional Registration Ref No. VTU/Ph.D/AC/A7/2019-20/ME/1575/16 Dated: 03 Jun 2019
- 3 Course Work result Ref. VTU/Exam/Ph.D/2019-20/535 Dated: 15 Sep 2020
- 4 Pre-Comprehensive Viva Voce Result Ref. VTU/BGM/Ph.D/Pre-Viva/2020-21/668 Dated: 22 Oct 2021
- 5 Approval of the Hon'ble Vice-Chancellor. Dated: 20 Dec 2021

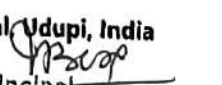
1. Sri **ADITYA KUDVA S** was provisionally admitted for Ph.D. Programme vide Registration No.(USN) **4MW19PME01** dated (Ph.D) as per this Office Notification cited at (2) above.
2. After the successful completion of the Course work, upon the recommendations of the Admission committee and also pursuant to the approval of the Hon'ble Vice-Chancellor, the said provisional Ph.D. Registration of Sri **ADITYA KUDVA S** is hereby confirmed with effect from **20-Dec-2021**, as per the clause 18 of Ph.D. Regulation-2017.
3. The said Researcher shall take up research activities under the guidance of Dr.**DR. GAJANAN ANNE**, Dept. of **Mechanical Engineering and Science**, and Research Centre **SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT,,Bantakal, Udupi, India** on the Research Topic entitled **PROCESSING OF MAGNESIUM ALLOYS THROUGH MULTIDIRECTIONAL FORGING AND LASER SHOCK PEENING FOR BIOMEDICAL IMPLANTS.**


By Order,


REGISTRAR

To, **ADITYA KUDVA S**, SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, VISHWOTHAMA NAGAR, BANTAKAL, UDUPI - 576101.

- Copy to,
1. The Registrar (Evaluation), VTU, Belagavi for information.
 2. Research Center: **SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT,,Bantakal Udupi, India**
 3. The Supervisor: **DR. GAJANAN ANNE**
 4. The Co-Supervisor: **(No Co-Guide)**
 5. Office Copy.


Principal
SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.

TO Mr. Aditya Kudva
cc to - HOD (Mech)/ file

5/12/2021



MANIPAL

ACADEMY of HIGHER EDUCATION

(Institution of Eminence Deemed to be University)

Ref: MAHE/RE/PhD/2B141/17/24

29.01.2024

NOTIFICATION

It is hereby notified for the information of all concerned that the report of the referees appointed to examine and adjudicate the Ph.D. thesis submitted by the candidate mentioned below has been accepted by Manipal Academy of Higher Education and the candidate has been declared eligible for the award of Degree of **DOCTOR OF PHILOSOPHY (Ph.D.)**.

Name of the Candidate	Mr. Ganesha Prasad
Registration No.	200900122
Topic of thesis	MODELING AND PREDICTION OF TOOL WEAR IN TURNING OPERATION OF NICKEL-IRON-CHROMIUM SUPERALLOY FROM MACHINED-SURFACE-IMAGES USING DEEP LEARNING TECHNIQUE
Research Guide	Dr. Raghavendra Kamath C., Additional Professor, Department of Mechanical and Industrial Engineering, Manipal Institute of Technology, Manipal
Research Co-guide	Dr. Vijay G. S., Professor, Department of Mechanical and Industrial Engineering, Manipal Institute of Technology, Manipal
Date of Defence Viva Examination	25 January 2024
Date of Completion	29 January 2024

Dr. VINOD V THOMAS
REGISTRAR - EVALUATION

To

Heads of Constituent Institutions/MAHE Teaching Departments, MAHE, Manipal

Registrar, MAHE, Manipal

Director, Center for Doctoral Studies, MAHE, Manipal

Research Guide

Research Co-guide

Candidate

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udipi Dist.
BANTAKAL - 574115



MANIPAL

ACADEMY of HIGHER EDUCATION

(Deemed to be University under Section 3 of the UGC Act, 1956)

MAHE /CDS /PHD/2020

August 26, 2020

Ms Tejaswini H
Dr T M A Pai PhD scholarship candidate
Department of I & CT
MIT, Manipal

(Through the Director, MIT, Manipal)

Dear Ms Tejaswini,


12/09/2020

Sub: Your application for PhD registration.

We are pleased to inform you that MAHE PhD protocol approval committee has approved your research protocol, subject to ratification by the Academic Council of MAHE, with the following details:

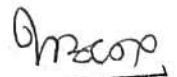
1	Name of Candidate	Ms Tejaswini H
2	Registration Number	200900109
3	Name of the Guide	Dr Manohara Pai M M, Prof, Dept of I &CT, MIT, Manipal
4	Title of Research	Ontology Based Fish Classification And Recommender Systems For Aquaculture In Estuaries
5	Date of Registration	19 th August 2020

The guidelines regarding reports, payment of fee, and other details are as follows:

- a. You have to submit to the undersigned **softcopy** of the six monthly progress reports through Doctoral Advisory Committee. The timeline for the reports is as follows:

Progress reports	Due date for reports
First report	19-02-2021
Second report	19-08-2021
Third report	19-02-2022
Fourth report	19-08-2022
Fifth report	19-02-2023
Sixth report/ Synopsis	19-08-2023

- b. You have to work for a **minimum** period of 3 years before submission of the thesis synopsis. If you pursue the course beyond this, you are required to remit fee for the extended period.



Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udipi Dist.
BANTAKAL - 574 115

No.DOR.9.2/Ph.D/YBH/452/2021-22

Dated: 12-09-2022

To,
Yogeshwary B.H
W/o Yashwanth N
'Samanvaya' 14th Cross
Devamma Extension
Channapattana
Hassan-573201.

Sir/Madam,

Sub: Registration for Ph.D. Degree in Electronics.

Ref: 1. Enrollment No. DOR.9.2/Ph.D/YBH/WOF/PR263/2021-22 dated: 14-07-2021.

2. Registrar (Evaluation) order No.DOR.9.2/Ph.D/YBH/2021-22/P.04/14/ dated: 20-08-2022.

I am directed to inform you that, your application for the Ph.D Degree of this University has been registered w.e.f 14-07-2021 as Doctoral candidate under with/without fellowship category. You are permitted to work and prepare a thesis in accordance with the Ph.D notification/regulation 2017(No.AC2(S)/460/2009-10 dated:20-03-2017).

TITLE OF THE THESIS: Design and Analysis of Underwater Wireless Sensor Network for Reliability and Energy Efficiency

GUIDE: Prof. M. Mahadeva Prasad, DOS in Electronics, P.G. Centre, Hemangotri, Hassan.

RESEARCH CENTRE / INSTITUTION: DOS in Electronics, P.G.Centre, Hemangotri, Hassan.

1. The Doctoral Candidates should conduct research for a minimum period of 03 years and maximum period of 6 years from the date of provisional registration as per the 8.1(a) Ph.D Regulation 2017.
2. The Ph.D registration is valid for a period of 6 years from the date of provisional registration and it is extendable by one more year on request by the candidate well in advance with a recommendation of the Guide and Director/Chairperson of the Institute/Department followed by approval of Vice-Chancellor on payment of the prescribed fee.
3. The candidate should submit progress reports certified by the Guide and Director/Chairperson of the Institute/ Department with the fee paid challan in every year. If the candidate fails to submit two Consecutive Progress Reports in time, it amounts to cancellation of the Registration, and this shall be notified by the Registrar(Evaluation). For any reason the fee paid, will not be reimbursed to the researcher.
4. While submitting the progress report Tuition fee, Processing fee and Laboratory fee has to be paid to the Examination Account and the Challan should be enclosed.
5. Examination fee has to be paid to the Examination Account of the University and the Challan has to be furnished at the time of submission of Final Synopsis and Thesis.
6. The Research candidate shall strictly adhere to the Regulation mentioned above.
7. On completion of research work, 10 copies of synopsis and 4 copies of thesis, an electronic version of the thesis, evidence of two research publications, prescribed application form for submission of thesis and synopsis, challan for having paid the examination fee, declaration signed by the candidate and certified by the guide for having prepared the thesis, No Due Certificates from the Department, Library and the Hostel should be submitted through the guide and the Director/Chairperson of the Institution/Department. Details of payable fee can be obtained from the Office of the Directorate of Research, Pareeksha Bhavan, University of Mysore, Mysuru, during office hours.
8. If candidate fails to submit the thesis even after 7 years i.e after getting one year of extension period, the Ph.D registration in the respective subject stands automatically cancelled.


Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwethama Nagar Udupi Dist.
BANGALORE 574115

Copy to:

1. The Research Guide.
2. The Director, P.G.Centre, Hemangotri, Hassan-573226.
3. The Chairman, DOS/BOS in Electronics, PG Centre, Hemangotri, Hassan-573226.
4. Office Copy.

By order

Special Officer

Special Officer

Directorate of Research
Pareeksha Bhavan, Behind Crawford Hall
University of Mysore, Mysuru.



JAIN UNIVERSITY
Declared as Deemed-to-be University u/s 3 of the UGC Act 1956

Centre for Research in Social Sciences and Education
University Examination, AUG-2021 - Provisional Result

Student USN/Name: 21PHREN025 - GANESH SRINIVASA SHETTY

Degree : PhDFET -FACULTY OF ENGINEERING

Branch : ELECTRONICS ENGINEERING

Semester : FIRST

Result : 1st Class SGPA : 9.000

Sr No	Subject	Marks Scored			Grade
		IA	EXAM	Total	
1	16MLPH012 - RESEARCH METHODOLOGY III	42	41	83	A
2	18PHD011 - CORE ELECTRONICS ENGINEERING.	43	39	82	A
3	SPH1 - SPECIALIZATION PH1	38	25	63	B
4	SPH2 - SPECIALIZATION PH2	38	31	69	B

Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar Udipi Dist.
BANTAKAL - 574 116

Dy. Controller Of Examinations

Printed On : 08/09/2022 17:15:29



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ
(ವಿಜಯ 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)
"Juana 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. : 7951
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	SHASHIKALA R
2	University Seat Number (USN)	4MW20PEC02
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	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT UDUPI
6	Specialization	ELECTRONICS AND COMMUNICATION ENGINEERING
7	Proposed Research Topic / Area.	Automation of Bacterial Colony Morphology Identification using Digital Image Processing
8	Name and address of the Research Supervisor	MR.SACHIN S BHAT Assc. Professor - ELECTRONICS AND COMMUNICATION ENGINEERING SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT UDUPI

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. SHASHIKALA R SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BANTAKAL UDUPI,
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115