

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy (District), Telangana-501510

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years.

| Year | 2014-19 |
|----------------------|--|
| No.of Faculties : 10 | |
| S.NO | Name of full time teacher with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. |
| 1 | Dr.Sree Hari Rao |
| 2 | Dr. CSK Prasad Rao |
| 3 | Dr.Kalyan kasturi |
| 4 | Dr A Shivakami |
| 5 | Dr J S Soni |
| 6 | Dr J Bhagwan Reddy |
| 7 | Dr. Sukhdeo Sao |
| 8 | Dr.Vikas Maheshwari |
| 9 | Dr.P.Padmanabham |
| 10 | Dr.R.Balamurugan |

PRINCIPAL



Vattikaram Babu

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510



DEAN
Faculty of Engineering
Omania University, Hyderabad - 5007.

750-1303
15/4/08

☎: 27682252, 27097493
Fax: 91-040-27097493

dt. 30-01-2008

DFE/2k8/Ph.D.(s) 423

ORDERS

Sub:- Recognition of Ph.D. Supervisors in the Faculty of Engineering - regarding.

On the Recommendations of the Research Committee in Electronics and Communication Engineering, sanction is accorded for the recognition of the following candidates as Ph.D. Supervisors in the fields shown against their names, to supervise Ph.D. scholars in Electronic and Communication and Engineering.

| Name of the Supervisor | Field of Recognition |
|---|---------------------------------------|
| 1. Dr. R. Sreehari Rao, Director, DLRL, Chandrayangutta Hyderabad-500 005 | ECE |
| 2. Prof. Sudhakara Rao, Professor of ECE VNR VJIE, Kukatpally Hyderabad-5000 072 | Embedded system & Image Processing |

R. Sreehari Rao

Dean,
Faculty of Engineering, OU.

To
Person Concerned

1. Head, ECE, Department,
2. Chairman, BoS in ECE, Department,
3. Dy. Registrar., (Acad) OU,
4. Controller of Exams, Ou.

UNDER CERTIFICATE OF POSTING
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
KUKATPALLY : HYDERABAD 500 095

R. M CHANDRA SHEKHAR
DIRECTOR, ADMISSIONS

Lr.No.CA/H3/Ph.D/M.Phil/MS/Adms(PT)/2008
Dt.04.08.2008

SUB : JNT University - Admissions to Part Time Research Programmes - 2008
You are provisionally selected for admission into Ph.D. programme in
MECHANICAL ENGINEERING faculty

You are requested to report to the Director, Research & Development Cell,
JNT University, Kukatpally, Hyderabad-55 on or before 25.08.2008 and submit the following

- (i) P.G Degree Certificate in Original (Provisional Certificate is not admissible)
- (ii) Transfer Certificate in original
- (iii) Fees:
A Demand Draft drawn on any nationalized bank for Rs.20,700/- (Rs.20,000/- one year fee + Rs.500/- caution deposit + Rs.200/- admission fee) in favour of The Registrar, JNTU, Hyderabad payable at Hyderabad.
Regular University employees have to pay of Rs.200/- only towards the admission fee
- (iv) Joining Report of the candidate, countersigned by the Research Supervisor(s) indicating the place where the Research work will be carried out.
- (v) No Objection Certificate from the Head of the Organisation.
- (vi) Latest Four passport size photographs.

3. Details of the Candidates:

1) Name & Address: M SRINIVASULU
SENIOR LECTURER IN
MECHANICAL DEPT
GOVT MODEL RESIDENTIAL POLYTECHNIC
GAJWEL, MEDAK DIST-502273

| Supervisor(s) Name Designation and Address | Co_Supervisor(s) Name Designation and Address |
|--|---|
| DR M KOMARATH PRINCIPAL MALLAREDDY COLLEGE OF ENGG & TECHNOLOGY MYSAMMAGUDA, DHULAPALLY SECUNDERABAD | DR CSK PRASAD RAO AGM (COO) , BHARAT DYNAMICS LIMITED HYDERABAD |

Topic of Research:
EXPERIMENTAL STUDIES ON THE CHARACTERISTICS OF FLOW FORMED COMPONENTS

[Handwritten signature]



ANNA UNIVERSITY CHENNAI
APPLICATION FOR RECOGNITION AS Ph.D. SUPERVISOR

Norms for Supervisor Recognition:

"The Applicant for Supervisor recognition shall have a minimum of two publications to his / her credit in referred International Journals with a minimum of 2 years teaching / research experience after obtaining Ph.D. Degree"

(OR)

"The applicant with Ph.D. Degree Shall have a minimum of two publications to his/ her credit in referred (reviewed) journals within a period of three years preceding his/her date of application"

1. Name (in Block Letters) : DR. KALYAN S. KASTURI
2. Designation : ASSOCIATE PROFESSOR
3. Department and Official Address : ECE DEPARTMENT,
RAJALAKSHMI ENGINEERING COLLEGE,
RAJALAKSHMI NAGAR,
THANDALAM, CHENNAI- 602105

- Phone No. & E-Mail ID : 9940240998, kalyan.kasturi@hotmail.com
- Date of Birth : 03-02-1976

3. Qualifications : PH.D. in ELECTRICAL ENGINEERING
4. Area of Specialization : DSP AND COMMUNICATIONS
5. i) Experience (No. of Years) : 8 years
 - (a) As Lecturer (Teaching Assistant) : (From Aug 2001 to Dec 2002)
 - (b) As Associate Professor : (From Oct 2009 to Current)
 - (c) As Professor : (From to)
 - (d) Total Teaching : 1 ½ years
- ii) Industrial Experience : (From to)
- iii) Scientific Experience :
Research Assistant : (From May 2000 to Dec 2006)
University of Texas at Dallas, USA
- Post Doctoral Research Fellow : (From Feb 2007 to June 2008)
University of Texas at Dallas, USA
6. Membership in Professional Bodies : ----



Dr. R. JAYAVEL
DIRECTOR

CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Telephone : +91-44-2235 7366/2235 0361
Fax : +91-44-2220 1213
Email : dirresearch@annauniv.edu
dirresearch@gmail.com



Date : 31.03.2016

Lr. No: SUPR/27th/DB

To
Dr. Sivakami A
Assistant Professor
Department of Physics
Sri Ramakrishna Institute of Technology,
Coimbatore - 641010

Sir/Madam,

Sub : Ph.D./M.S. (By Research) Programme - Supervisor Recognition - Orders - Issued.
Ref : Your application for Supervisor Recognition.

I am by direction to inform that you are recognized as a Supervisor (Ref.No: 2770053) for guiding Ph.D. and M.S. (By Research) scholars of this University under the faculty of **Science and Humanities**.

Area of Specialization: "**Ldss, Dssc, Nano Solar Cell**"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D./M.S. (By Research) regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor.

I request you to adhere strictly the regulations (available in <https://cfr.annauniv.edu/research/instructions.php>) when you start guiding scholars.

In all future correspondence quote **2770053** for reference.


DIRECTOR

Copy to:

The Head
Department of Physics
Sri Ramakrishna Institute of Technology,
Coimbatore - 641010



Dr. R. JAYAVEL
DIRECTOR

CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Telephone : +91-44-2235 7366/2235 0361
Fax : +91-44-2220 1213
Email : dirresearch@annauniv.edu
dirresearch@gmail.com



Lr.No.CR/Ph.D./Admn/JUL/2017

To
Dr.A Sivakami
Assistant Professor
Department of Physics
Sri Ramakrishna Institute of Technology
Pachapalyam, Perur Chettipalayam Post, Perur, Coimbatore - 641010

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 29.06 of the 29th Research Board Meeting held on 13.06.2017

I am to inform that **Mr./Ms. Banumathi S** is permitted to register provisionally for Ph.D. programme as **Part-Time** scholar in the Faculty of **Science and Humanities** of Anna University during **JULY 2017** session under your guidance.

Topic of Research: **THEORETICAL STUDIES OF QUANTUM DOTS FOR OPTOELECTRONICS APPLICATIONS**

The Research Scholar may be instructed to submit the Enrolment Form (**accessed through the website <https://cfr.annauniv.edu/scholars/>**) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **17247697107**.

In all future correspondence quote "**17247697107/Ph.D./AR16**" - for reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.


DIRECTOR

- To
1. Individual.
 2. The Head of the Department / Director of the Centre.
 3. The Head of the Institution of the scholar.

S. 
6/7/2017

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
KUKATPALLY ; HYDERABAD 500 085

DR. A VINAYA BABU
DIRECTOR, ADMISSIONS

Lr.No. DA/H3/Ph.D/M.Phil/MS/Adms.(EX)/2010
Dt.13.09.2010

SUB : JNTUH - Admissions to External Research Programmes - 2010

1. You are provisionally selected for admission into Ph.D. programme in
MECHANICAL ENGG. faculty subject to available of vacancy at the
guide and/or coguide.

2. You are requested to report to the Director, Research & Development Cell,
JNTUH, Kukatpally, Hyd.-85 on or before 30.09.2010 and submit the following

- (i) P.G. Degree Certificate in Original (Provisional Certificate is not admissible);
(ii) Transfer Certificate in original
(iii) Fees:
A Demand Draft drawn on any nationalized bank for Rs.20,700/- (Rs.20,000/- one
year fee + Rs.500/- caution deposit + Rs.200/- admission fee) in favour of
The Registrar, JNTUH, Hyderabad payable at Hyderabad.
Regular University employees have to pay of Rs.200/- towards the admission fee.
(iv) Joining Report of the candidate, countersigned by the Research Supervisor(s)
indicating the place where the Research work will be carried out.
(v) No Objection Certificate from the Head of the Organisation.
(vi) Latest Four passport size photographs.

3. Details of the Candidates:

(i) Name & Address: M RAMADAS
9-1-1.21.B.2
DEFENCE COLONY
LANGERHOUSE
HYDERABAD-08

Supervisor(s) Name
Designation and Address

Co_Supervisor(s) Name
Designation and Address

DR J S SONI
PRINCIPAL
ARYABHATA INST OF TECH & SCIENCE
MOHABATH NAGAR
NR MAHESWARAM, R R DIST

Topic of Research:

COMPARATIVE STUDY ON MACHINES CHARACTERISTICS DURING DIE SINKIN AND
POTARY ELECTRO DISCHARGE MACHINING

4. From second year onwards for each year you will have to pay an
amount of Rs.20,000/- (Rupees twenty thousands only) towards
yearly fee before July 31 and obtain receipt.

To
300087
M RAMADAS


DIRECTOR, ADMISSIONS

- Copy to: (1) The Director, R&D Cell, JNT University, Kukatpally, Hyderabad-85
(2) Supervisor with a request to accept only if the no.of scholars are
less than eight
(3) Co-Supervisor with a request to accept only if the no.of scholars
are less than eight.

Note: (1) The candidate should collect copy of guidelines & academic regulations
from the Director, R&D Cell, JNT University, Hyderabad.



**CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI 600 025**

Telephone : + 91-44-2235 0361
 : + 91-44-2235 7023
 : + 91-44-2220 1213
Fax
Email : dirresearch@annauniv.edu
 dirresearch@gmail.com

**Dr.USHA NATESAN
DIRECTOR**

Dated: 30.01.2014

Lr.No: SUPR/23rd RB/ DB

To

Dr.JEGADHEESAN C

Professor and Principal

Dept.of Mechanical Engineering

Chettinad College of Engineering and Technology,

Puliyur -CF, Karur -639 114

Sir/Madam,

Sub: Ph.D./M.S. (By Research) Programme – Supervisor Recognition – Orders – Issued.

Ref : Your application for Supervisor Recognition.

I am by direction to inform that you are recognized as a Supervisor (Ref.No.23.02.12) for guiding Ph.D. and M.S. (By Research) scholars of this University under the faculty of Mechanical Engineering.

Area of Specialization: "Engineering Design, Concurrent Engineering, Quality Engineering, Fluid Power Systems "

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D./M.S. (By Research) regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor.

I am herewith enclosing Ph.D. and M.S (By Research) Regulations for your reference. I request you to adhere strictly the regulations when you start guiding scholars.

In all future correspondence quote **23.02.12** for reference.

Encl : Ph.D. and M.S. (By Research) Regulations
Copy to : Head of the Department / Institution

S. Usha Natesan
DIRECTOR

Scanned by
CamScanner

ADMISSION LETTER

DR. B.V.SANKER RAM
DIRECTOR, ADMISSIONS

LT.No.DA/H3/Ph.D/M.Phil/MS/Adms(EXT)/2012
Dt.23.10.2012

SUB : JNTUH - Admissions to External Research Programmes - 2012 :

1. You are provisionally selected for admission into Ph.D. programme in ENERGY SYSTEMS faculty subject to available of vacancy at the guide and/or coguide.

2. You are requested to report to the Director, Research & Development Cell, JNTUH, Kukatpally, Hyd.-85 as per schedule available at JNTUH website www.jntuh.ac.in (copy of schedule is enclosed) and submit the following

- (i) P.G.Degree Certificate in Original (Provisional Certificate is not admissible)
- (ii) Transfer Certificate in original
- (iii) Fees:

A Demand Draft drawn on any nationalized bank for Rs.20,700/- (Rs.20,000/- one year fee + Rs.500/- caution deposit + Rs.200/- admission fee) in favour of The Registrar, JNTUH, Hyderabad payable at Hyderabad.

- (iv) Regular University employees have to pay of Rs.200/- towards the admission fee. Joining Report of the candidate, countersigned by the Research Supervisor(s) indicating the place where the Research work will be carried out.
- (v) No Objection Certificate from the Head of the Organisation.
- (vi) Ratification Certificate of the Research Supervisor(s) of Private Affiliated Colleges of JNTUH
- (vii) Latest Four passport size photographs.

3. Details of the Candidates:

(i) Name & Address:

M NARENDER REDDY
C/O M SHEKAR REDDY, H NO 5-3-12
BHAVANI COLONY
PREMAVATIPET
RAJENDRANAGAR, HYD

Supervisor(s) Name
Designation and Address
DR J BHAGWAN REDDY
ASSOCIATE PROFESSOR
DEPT OF EEE
VASAVI ENGG COLLEGE
IBRAHIMBAGI, HYD-31

Co Supervisor(s) Name
Designation and Address
DR M SUSHAMA
PROFESSOR
DEPT OF EEE
JNTUH COLLEGE OF ENGG
KUKATPALLY, HYD-85

Topic of Research:

DESIGN AND PERFORMANCE EVALUATION OF SOLAR PV BIOMASS/MSW HYBRID ENERGY SYSTEM

4. From second year onwards for each year you will have to pay an amount of Rs.20,000/- (Rupees twenty thousand only) towards yearly fee before July 31 and obtain receipt.

To

200139

M NARENDER REDDY


DIRECTOR, ADMISSIONS

Copy to:

- (1) The Director, R&D Cell, JNT University, Kukatpally, Hyderabad-85
- (2) Supervisor are requested to check the list of candidates admitted under them till last year and then accept newly admitted candidate only if the no. of candidates under them are less than eight. Submit your list of eight candidates along with acceptance letter to Director R&D Section, JNTUH. After verifying the no. of candidates the admission of new candidate will be approved.
- (3) Co-supervisor with a request to accept only if the no. of scholars are less than eight.

Note: The candidate should collect copy of guidelines & academic regulations from the Director, R&D Cell, JNT University, Hyderabad.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
KUKATPALLY : HYDERABAD 500 085

ADMISSION LETTER

DR. B.V.SANKER RAM
DIRECTOR, ADMISSIONS

Lr.No.DA/H3/Ph.D/M.Phil/MS/Adms(EX)/2012
Dt.23.10.2012

SUB : JNTUH - Admissions to External Research Programmes - 2012

- You are provisionally selected for admission into Ph.D. programme in ELECTRICAL ENGG. faculty subject to available of vacancy at the guide and/or co-guide.
- You are requested to report to the Director, Research & Development Cell, JNTUH, Kukatpally, Hyd.-85 as per schedule available at JNTUH website www.jntuh.ac.in (copy of schedule is enclosed) and submit the following
 - P.G.Degree Certificate in Original (Provisional Certificate is not admissible)
 - Transfer Certificate in original
 - Fees:
A Demand Draft drawn on any nationalized bank for Rs.20,700/- (Rs.20,000/- one year fee + Rs.500/- caution deposit + Rs.200/- admission fee) in favour of The Registrar, JNTUH, Hyderabad payable at Hyderabad.
Regular University employees have to pay of Rs.200/- towards the admission fee.
 - Joining Report of the candidate, countersigned by the Research Supervisor(s) indicating the place where the Research work will be carried out.
 - No Objection Certificate from the Head of the Organisation.
 - Ratification Certificate of the Research Supervisor(s) of Private Affiliated Colleges of JNTUH
 - Latest Four passport size photographs.

3. Details of the Candidates:

(i) Name & Address:

A NAGA RAJU
C/O S S RANA
H NO 3-4-168/2/C
R K NAGAR, HYDERGUDA
ATTHAPUR, HYD-48

Supervisor(s) Name
Designation and Address
DR J BHAGWAN REDDY
ASSOCIATE PROFESSOR
DEPT OF EEE
VASAVI COLLEGE OF ENGG
HYDERABAD-31

Co Supervisor(s) Name
Designation and Address
DR SARDAR ALI
PROFESSOR & HEAD
DEPT OF EEE
ROYAL INST OF TECH & SCIENCE
GAMARIGIDDA, CHEVELLA, R R DIST

Topic of Research:

"RELIABILITY ANALYSIS AND EVALUATION OF WIND AND SOLAR ENERGY SYSTEMS"

- From second year onwards for each year you will have to pay an amount of Rs.20,000/- (Rupees twenty thousand only) towards yearly fee before July 31 and obtain receipt.

To

200049

A NAGA RAJU


DIRECTOR, ADMISSIONS

Copy to:

- The Director, R&D Cell, JNT University, Kukatpally, Hyderabad-85
- Supervisor are requested to check the list of candidates admitted under them till last year and then accept newly admitted candidate only if the no. of candidates under them are less than eight. Submit your list of candidates along with acceptance letter to Director R&D Section, JNTUH. After verifying the no. of candidates the admission of new candidate will be approved.
- Co-Supervisor with a request to accept only if the no. of scholars are less than eight.

Note: The candidate should follow all the guidelines & academic regulations from the Director, R&D Cell, JNT University, Hyderabad.

DR. A VINAYA BAEU
DIRECTOR, ADMISSIONS

Dr.No.CA/H3/Ph.D/M.Phil/MS/Adms(PT)/2009
Dt.12.08.2009

SUB : JNT University Hyderabad-Admissions to Part Time Research Programmes - 2009

1. You are provisionally selected for admission into Ph.D. programme in
ELECTRICAL ENGINEERING Faculty
2. You are requested to report to the Director, Research & Development Cell,
JNT University Hyderabad, Kukatpally, Hyd.-85 on or before 05.09.2009 and submit the
following

- (i) P.G.Degree Certificate in Original (Provisional Certificate is not admissible)
- (ii) Transfer Certificate in original
- (iii) Fees:
A Demand Draft drawn on any nationalized bank for Rs.20,700/- (Rs.20,000/- one
year fee + Rs.500/- caution deposit + Rs.200/- admission fee) in favour of
The Registrar, JNTUH, Hyderabad payable at Hyderabad.
Regular University employees have to pay of Rs.700/- only towards the admission
fee.
- (iv) Joining Report of the candidate which should include email id and Mobile No.
of the candidate, Guide & Co-Guide, countersigned by the Research Supervisor(s)
indicating the place where the Research work will be carried out.
- (v) No Objection Certificate from the Head of the Organisation.
- (vi) Latest Four passport size photographs.

3. Details of the Candidates:

- (i) Name & Address:
K PRASADA RAO
#7-10-59
GANESH STREET
JANGAON
WARANGAL DIST

Supervisor(s) Name
Designation and Address

Co_Supervisor(s) Name
Designation and Address

DR SUKHDEO SAO
PROFESSOR & HEAD
DEPT OF EEE
BHARAT INST. OF TECH
MANGAPALLY, IBRAHIMPATNAM MDL, R R DIST

Topic of Research:

NEW CURRENT SOURCE GATE DRIVES FOR HIGH SWITCHING FREQUENCY DC-DC CONVERTERS

4. From second year onwards for each year you will have to pay an
amount of Rs.20,000/- (Rupees twenty thousands only) towards
yearly fee before July 31 and obtain receipt.

To
30527
K PRASADA RAO


DIRECTOR, ADMISSIONS

Copy to: (1) The Director, R&D Cell, JNT University Hyderabad, Kukatpally, Hyderabad-85
(2) Supervisor
(3) Co-Supervisor

Note: (1) The candidate should collect copy of guidelines & academic regulations
from the Director, R&D Cell, JNT University Hyderabad, Hyderabad.



Appendix-1

1. Title
2. Introduction
3. Literature Review
4. Noteworthy contributions
5. Proposed methodology
6. Expected outcome
7. References
8. List of published papers

Signature of the Supervisor

Date: 10/12/2018

Signature of the Candidate

Date: 10/12/2018

Signature of Co supervisor

Date:

**INVESTIGATIONS ON SLOT COUPLED CONVENTIONAL AND
NON-CONVENTIONAL WAVEGUIDE JUNCTIONS AND ARRAYS WITH
NON-STANDARD RECTANGULAR WAVEGUIDES**



Ph.D Thesis

by

M. CHAKRAVARTHY, M.E.

Under the Guidance of

Prof. G.S.N. Raju
M.E., Ph.D (IIT-KGP)

Dr. R. Sreehari Rao
M.Tech., Ph.D

Department of Electronics and Communication Engineering
AU College of Engineering (Autonomous)
Andhra University
Visakhapatnam - 530 003
INDIA
2010

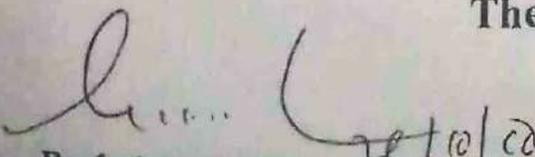
COLLEGE OF ENGINEERING (Autonomous)
ANDHRA UNIVERSITY

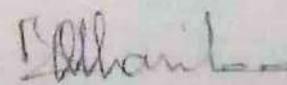


Certificate

This is to certify that the thesis entitled "Investigations on Slot Coupled Conventional and Non-conventional Waveguide Junctions and Arrays with Non-Standard Rectangular Waveguides" submitted by **Mr. M. Chakravarthy** in fulfillment of the requirement for the award of Ph.D Degree in Electronics and Communication Engineering, College of Engineering, Andhra University, is a bonafide thesis work carried out by him under our guidance and supervision in the Department of Electronics and Communication Engineering, College of Engineering, Andhra University, Visakhapatnam. This work has not been submitted to any university for award of any degree.

Thesis Directors


Prof. G.S.N. Raju, M.E., Ph.D (IIT-KGP)
Professor of Electronics and Communication
Engineering Department
Principal, AU College of Engineering (A)
Visakhapatnam - 530 003
INDIA


Dr. R. Sreehari Rao
Outstanding Scientist
CCR & D (ECS)
DRDO Bhawan
New Delhi-110011
INDIA

**SOME INVESTIGATIONS ON THE DIMENSIONAL
STABILITY OF THE FLOW FORMED COMPONENTS**

**DOCTOR OF PHILOSOPHY
IN
Mechanical Engineering**

**By
C. S. KRISHNA PRASADA RAO**



**Department of Mechanical Engineering
University College of Engineering
Osmania University
Hyderabad - 500 007
A P, INDIA
JANUARY 2001**

CERTIFICATE

This is to certify that the Thesis entitled, "SOME INVESTIGATIONS ON THE DIMENSIONAL STABILITY OF FLOW FORMED COMPONENTS" being submitted by Mr. C.S. Krishna Prasada Rao to the University College of Engineering, Osmania University, Hyderabad, for the award of the degree of "DOCTOR OF PHILOSOPHY" in Mechanical Engineering is a record of bonafide research work carried out by him. He has worked under my guidance and Supervision and has fulfilled the requirements for the submission of this thesis, which has reached the requisite standard.

The results contained in this thesis have not been submitted, in part or in full to any other university or institute for the award of any degree or diploma.

M.K.
26.2.2001
DR. M. KOMARAI AH
SUPERVISOR
Professor of Mechanical Engg.
University College of Engg.,
Osmania University, Hyderabad

V.S.R.
DR. V.S.R. MURTHY
Professor & Head
Department of Mech. Engg.
University College of Engg.
Osmania University, Hyderabad

Grants: "TECHNOLOGY"
Web : www.jntuh.ac.in



Phone: Off: +91-40-23156113
Fax: +91-40-23158668
E Mail: dephd@jntuh.ac.in

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
(Established by Andhra Pradesh Act No. 30 of 2008)
Kukatpally, Hyderabad – 500 085, Telangana (India)

Dr. B. ANJANEYA PRASAD
M.Tech., Ph.D., F.I.E., MISTE, M.C.I., MSESJ, MASME
Professor of Mechanical Engg. &
DIRECTOR OF EVALUATION

Ref: P7/Ph.D/14114/04-12/MS/ME/2013
Dt: 22.04.2015

NOTIFICATION

Sub: Award of Ph.D. Degree in Mechanical Engineering to Mr. M Srinivasulu
(HT. No. 0803PH1523).

The thesis entitled "Experimental Studies on the Characteristics of Flow Formed Components" submitted by Mr. M Srinivasulu has been accepted by the University on the recommendations of the panel of examiners. Mr. M Srinivasulu is provisionally declared and qualified for the award of Doctor of Philosophy in the faculty of Mechanical Engineering.

//By order//


DIRECTOR OF EVALUATION

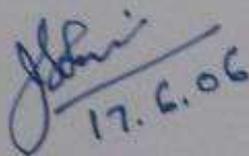
1. **Mr. M Srinivasulu**– through the Director, DRD, JNTUH, Kukatpally, Hyderabad.
2. Dr. M. Komaraiah, Professor, Dept. of Mechanical Engineering & Dean Academics, Sreenidhi Institute of Science and Technology, Ghatkesar, Ranga Reddy-501301 [**Supervisor**]
3. Dr. C.S. Krishna Prasada Rao, Retd.Sr. Additional General Manager – BDL, H.No.6-1-332/B, Venkatapur Colony, Padma Rao Nagar, Secunderabad-500 025, Ph: 040 2458 7306, 9490797610. [**Co-Supervisor**]
4. Dr. Gandham Phanikumar, Associate Professor, Department of Metallurgical and Materials Engineering, Indian Institute of Technology Madras, Chennai - 600 036, Tamilnadu. [**External Examiner**]
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7. The Director, Directorate of R & D, Admin.Building, 3rd Floor, JNTUH, Kukatpally, Hyderabad.
8. The Director, Academic and Planning, JNTUH, Kukatpally, Hyderabad
9. The Controller of Examinations, JNTUH, Kukatpally, Hyderabad.
10. The Director Association of Indian Universities, Rouse Avenue, New Delhi.
11. The Public Relations Officer, Administrative Building, JNTUH, Kukatpally, Hyderabad.

CERTIFICATE

This is to certify that the thesis entitled "Comparative Study of Welding Characteristics during TIG Welding of Aluminum Alloy (65032) and Alloy Steel (15 CDV 6)" submitted by B. V. R. Ravi Kumar to the Jawaharlal Nehru Technological University, Hyderabad for the award of Doctor of Philosophy in Mechanical Engineering is a bonafide record of research work carried out by him under my guidance and supervision.

The contents of this thesis, in full or in parts have not been submitted to any other university or institute for the award of any degree or diploma.

The research work has been carried out at "Defence Research and Development Laboratory", DRDO, Ministry of Defence, Hyderabad and "Defence Metallurgical Research Laboratory", DRDO, Ministry of Defence, Hyderabad.


17.6.06

Dr. J. S. Soni
Scientist "F"
DRDL, Hyderabad.

**INVESTIGATION AND OPTIMIZATION OF PROCESS
PARAMETERS TO ENHANCE THE PERFORMANCE OF
MICROWAVE ANTENNAS**

THESIS

**SUBMITTED TO OSMANIA UNIVERSITY
FOR THE AWARD OF THE DEGREE OF**

DOCTOR OF PHILOSOPHY

IN

MECHANICAL ENGINEERING

BY

LACHIRAM

Under the guidance of

Dr. JS SONI

Scientist-G (Retd.)

Defence Research and Development Laboratory, Hyderabad



**DEPARTMENT OF MECHANICAL ENGINEERING
UNIVERSITY COLLEGE OF ENGINEERING
OSMANIA UNIVERSITY
HYDERABAD-500 007
INDIA**

2011

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HYDERABAD-500 007
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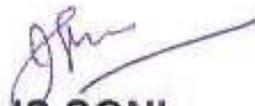
2011

CERTIFICATE

This is to certify that the thesis entitled "**Investigation and Optimization of Process Parameters to Enhance the Performance of Microwave Antennas**" which is being submitted by **Mr. Lachiram**, in fulfillment for the award of the degree of **Doctor of Philosophy** in Mechanical Engineering to the Osmania University, Hyderabad is a record of the candidate's own bonafide research work.

Mr. Lachiram has worked under my guidance and supervision and has fulfilled the requirements for the submission of this thesis, which to my knowledge has reached the requisite standard.

The results contained in this work have not been submitted, in part or in full to any other University or Institute for the award of any degree.



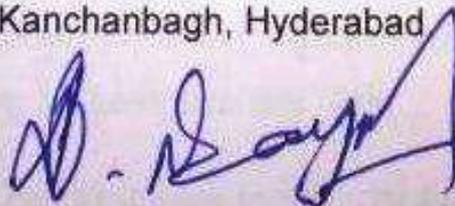
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Scientist-G (Retd),

Defence Research and Development Laboratory, DRDO,

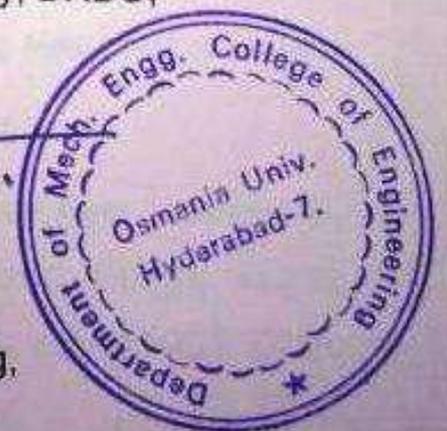
Kanchanbagh, Hyderabad



Dr. P LAXMINARAYANA

Head,

Department of Mechanical Engineering,
University College of Engineering,
Osmania University, Hyderabad.



**AEROTHERMAL ANALYSIS & THERMAL PROTECTION
SYSTEMS FOR HYPERSONIC
AEROSPACE VEHICLES**

A Thesis

Submitted

*in partial fulfillment of the requirement for
the award of the degree of*

DOCTOR OF PHILOSOPHY
in
MECHANICAL ENGINEERING

By

TULASI TIRUPATI
[Regd. No.: 0803PH1566]



RESEARCH AND DEVELOPMENT CELL
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Dr. V KAMAKSHI PRASAD
M.Tech., Ph.D.(IIT – Madras), FIE., MCSI
Professor of Computer Science and Engineering &
DIRECTOR OF EVALUATION

Ref:- P7/Ph.D./1785/03-18/SA/CSE/2017
Dt :- 20.11.2017

NOTIFICATION

Sub: Award of **Ph.D.** Degree in **Computer Science and Engineering** to **Mr. Sesham Anand** (HT. No. 0803PH0625).

The thesis entitled “**Development of Relevance and Frequency Enabled Approach for Trip Planning Models**”, submitted by **Mr. Sesham Anand** has been accepted by the University on the recommendation of the panel of examiners. **Mr. Sesham Anand** is provisionally declared and qualified for the award of **Doctor of Philosophy**, in the faculty of **Computer Science and Engineering**.

//By order//


DIRECTOR OF EVALUATION

1. **Mr. Sesham Anand**- through the Director, DRD, JNTUH, Hyderabad.
2. Dr. P. Padmanabham, Director (Academics), Bharat Institute of Engg. & Technology, Mungalpally (V), Ibrahimpatnam (M), R.R.Dist. - 501 510, Telangana State. [**Supervisor**]
3. Dr. A. Govardhan, Professor & Principal, Department of CSE, JNTUH College of Engineering, Kukatpally, Hyderabad - 500 085, Telangana State. [**Co-Supervisor**]
4. Dr. A. Vadivel, Associate Professor, Department of Computer Applications, National Institute of Technology Trichy, Trichy – 620 015, Tamilnadu. [**External Examiner**]
5. PA to Vice-Chancellor, Administrative Building, JNTUH, Kukatpally, Hyderabad.
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Ibrahimpattam - 501 510, Hyderabad
Department of Computer Science Engineering

Ph.D. Guided per teacher during the assessment period:

| Research Guide | Name of the Scholar | Topic of the Research | University & Year of Registration | Year of completion |
|--------------------|---------------------|---|-----------------------------------|--------------------|
| Dr. P. Padmanabham | Mr. SagarYeruva | Design of Distributed Data Warehouse: A Fragmentation Approach | JNTUH-2010 | 2017 |
| Dr. P. Padmanabham | Mr. S. Anand | Development of Relevance & Frequency Enabled Approach for Trip Planning Model | JNTUH-2008 | 2017 |

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HYDERABAD - 500 085, TELANGANA STATE, INDIA.

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PROVISIONAL CERTIFICATE



Hall Ticket No.: 1003PH0679

This is to certify that Mr. SAGAR YERUVA

son of Mr. RAJA REDDY YERUVA

has satisfied all the requirements for the award of Doctor of Philosophy

in the faculty of COMPUTER SCIENCE AND ENGINEERING

of this University, held in June, 2017 for the thesis entitled,

"Design of Distributed Data Warehouse - A Fragmentation Approach".

Verified by

Hyderabad - T.S.
Date: 29 June 2017

Director of Evaluation

REGISTRAR

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



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Hall Ticket No.: 0803PH0625

This is to certify that Mr. SESHAM ANAND

son of Mr. S RAGHAVA CHARI

has satisfied all the requirements for the award of Doctor of Philosophy

in the faculty of COMPUTER SCIENCE AND ENGINEERING

of this University, held in November, 2017 for the thesis entitled,

“Development of Relevance and Frequency Enabled Approach for Trip Planning Models”.

Handwritten signature
Verified by

Hyderabad - T.S.

Date: 20 November 2017

Handwritten signature
Director of Evaluation

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REGISTRAR



Dr. R. JAYAVEL
DIRECTOR

CENTRE FOR RESEARCH
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Date : 31.12.2016

Lr. No: SUPR/27th/DB

To
Dr. Balamurugan R
Assistant Professor
Department of Computer Science and Engineering
Bannari Amman Institute of Technology,
Sathyamangalam-638401

Sir/Madam,

Sub : Ph.D./M.S. (By Research) Programme - Supervisor Recognition - Orders - Issued.
Ref : Your application for Supervisor Recognition.

I am by direction to inform that you are recognized as a Supervisor (Ref.No: 2840152) for guiding Ph.D. and M.S. (By Research) scholars of this University under the faculty of **Information and Communication Engineering**.

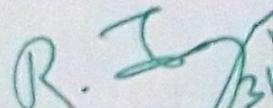
Area of Specialization: **"Data Mining, Meta Heuristic Optimization, Soft Computing, Bioinformatics"**

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D./M.S. (By Research) regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor.

I request you to adhere strictly the regulations (available in <https://cfr.annauniv.edu/research/instructions.php>) when you start guiding scholars.

In all future correspondence quote 2840152 for reference.


DIRECTOR

Copy to:

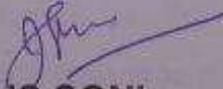
The Head
Department of Computer Science and Engineering
Bannari Amman Institute of Technology,
Sathyamangalam-638401

CERTIFICATE

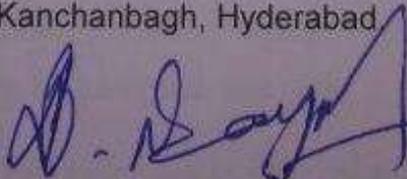
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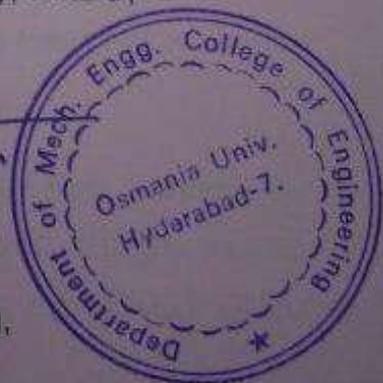
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Dr. JS SONI

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Scientist-G (Retd),
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Dr. P LAXMINARAYANA

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**INVESTIGATION AND OPTIMIZATION
OF PROCESS PARAMETERS TO ENHANCE
THE PERFORMANCE OF MICROWAVE
ANTENNAS**

**DOCTOR OF PHILOSOPHY
IN
MECHANICAL ENGINEERING**

LACHIRAM



**Department of Mechanical Engineering
University College of Engineering
Osmania University
Hyderabad-500007, India
2011**

COMPARATIVE STUDY OF WELDING CHARACTERISTICS
DURING TIG WELDING OF ALUMINUM ALLOY (65032)
AND ALLOY STEEL (IS CDV 6)

Thesis submitted in Fulfillment of the
Requirement for the Award of
DOCTOR OF PHILOSOPHY

By

B. V. R. RAVI KUMAR



MECHANICAL ENGINEERING
INSTITUTE OF SCIENCE AND TECHNOLOGY
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JUNE 2006