RESEARCH PROFILE

2014 - 2015

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY

Bachupally, Kukatpally, Hyderabad - 500 090
Tel: + 91 40 6586 4440 / 4441
www.griet.ac.in
Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) was established in the year 1997 by the Gokaraju Rangaraju Educational Society (GRES). The Institute currently offers eight undergraduate programmes and seven post graduate programmes in eight branches of engineering. It has two other PG programmes namely, MBA and MCA. GRIET has got NAAC accreditation on 08 July 2013 for a period of 5 years with ‘A’ grade. All major programmes of GRIET are accredited by the NBA. GRIET is permanently affiliated and autonomous under JNTUH and is conferred autonomous status for 6 years by UGC from 2014-15.

GRIET has the vision to be among the best of the Institutions for engineers and technologists with attitudes, skills and knowledge and to become an epicentre of creative solutions. In more than a decade of existence, the Institute has grown in stature and quality of education that it imparts to the students. It has student-friendly teaching-learning practices oriented towards improving learning outcomes and its teaching methodology is heavily biased towards practical work.

Performing creditably on the research front as well, the Institute boasts of 3 patents awarded and 6 patents registered, more than 300 research publications in reviewed journals and conference proceedings, 12 books, Research Projects/Seminar Grants worth over Rs.81 lakhs and industrial consultancy to the tune of over Rs. 20 lakhs. The Institute currently publishes four highly acclaimed International Journals and has organized four International Conferences, five National Conferences and over 30 Short Term Training Programs. MOUs with other Institutes and Industries are a value addition to this record.

GRIET has been deservedly recognized as the “Best Engineering Institute in Andhra Pradesh” by the ISTE in 2009. Conscious of the great responsibility that this recognition has brought, the Institute has undertaken a massive review exercise not only to keep the good name that it has already earned but also to improve considerably upon it in the future. A vital component of the Institute’s vigorous thrust towards the future will be significant strengthening of the post graduate education and research programme.

The present booklet entitled “Research Profile” 2014-15 is a step towards taking stock of the research output of the Institute over the past one year. It is aimed at encouraging the Faculty to significantly improve sponsored research by applying to various governmental and nongovernmental research funding agencies, to publish their research work, to pursue collaborative research with premier institutions in India and abroad as also with industries in India. It is hoped that readers of this booklet will find it to be a useful source of information for possible collaboration with GRIET.
<table>
<thead>
<tr>
<th>S.No.</th>
<th>Course</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bio Medical Engineering</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Bio Technology</td>
<td>9</td>
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<tr>
<td>3</td>
<td>Basic Sciences</td>
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<tr>
<td>4</td>
<td>Electronics and Communication Engineering</td>
<td>77</td>
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<td>Electrical and Electronics Engineering</td>
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<td>6</td>
<td>Information Technology Engineering</td>
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<td>7</td>
<td>Civil Engineering</td>
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<td>8</td>
<td>Mechanical Engineering</td>
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<td>9</td>
<td>Management Studies</td>
<td>219</td>
</tr>
<tr>
<td>10</td>
<td>Master of Computer Applications</td>
<td>241</td>
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</table>
INTRODUCTION

Department of Bio-Medical Engineering was established in the year 2002. It conducts B.Tech Programme in Bio-Medical Engineering. The Department has well-equipped laboratories. It focuses on practical applications in the field of Medical Instrumentation, Medical Signal Image Processing.

Assets for the department are qualified faculty. Students are exposed to Seminars and workshops along with personality development programs.

The department is strengthened with a total of 9 faculties out of which 1 is pursuing PhD and the remaining hold M.Tech degree. The department has organized many workshops and seminars.

Research Projects/FDP’s/Seminar Grants/Sanctioned

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Title</th>
<th>Name of the Funding Agency</th>
<th>Amount in Lakhs</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>T. Padma</td>
<td>MODROBS</td>
<td>AICTE</td>
<td>14.5</td>
<td>2013</td>
</tr>
</tbody>
</table>
FACULTY AND THEIR PUBLICATIONS:

Mrs. T. Padma, (ID-208) Associate Professor of BME; Coordinator, FDP; Secretary, AAC


Experience: 18 years

Research Interest: ECG Signal Processing

Journal Publications/ Conference Proceedings: 12

Journal publications

International


Conference Proceedings

International


2. T. Padma, Satish Kumar Kotha, “Application of ECG Compression Technique on Ventricular Tachycardia Signals” in (Exploit current research for harnessing the field of Life sciences) the Biofest-2012, international conference, Hyd, conference proceedings pg 18.

Conference on Biomedical Engineering and Assistive Technologies (BEATS 2012), National Institute of Technology, Jalandhar, INDIA.


National


Mr. Satish Kumar Kotha, (ID-811) Assistant Professor and Head, Dept. of BME

Qualifications: M.S (Biomedical Engineering) (Louisiana Tech University, USA -2009), B.Tech (Biomedical Engineering) (JNTU, Hyderabad - 2007).

Experience: 4 Years

Research interest: Medical Image Processing


International


Conference proceedings

International


National


Mrs. Bhargavi Sundara, (ID-764) Assistant Professor, Dept. of BME


Experience: 4 Years

Research interest: Rehabilitation Engineering, Biomaterials

Journal Publications/Conference Proceedings: 2

Journal publications

International


Conference Proceedings

International

Mr. A.V. Sandeep Reddy, (ID-959) Assistant Professor, Dept. of BME


Experience: 2 Years

Research interest: Bio-Transducers and Applications

Journal Publications/Conference Proceedings: 3

Journal Publications

International


Conference Proceedings

International


Ms. P. Manju Bhargavi, (ID-844) Assistant Professor, Dept. of BME


Experience: 8 Years

Research interest: Biomedical Signal Processing

Journal Publications/Conference Proceedings: 3

Journal Publications

International

Conference proceeding

International


Mr. M. Prem Kumar, (ID-866) Assistant Professor, Dept. of BME


Experience: 6 Years

Research interest: Bio-Instrumentation

Conference proceedings

International


Mrs. B. Saritha, (ID-1138) Assistant Professor, Dept. of BME


Experience: 6 Years

Research interest: Bio-Instrumentation

Journal Publications/Conference Proceedings: 3

Journal publications

International


Conference proceedings

International

1. B. Saritha, D. Kiran Kumar, “A Smart Android Mobile Jammer”, International Conference on Innovations in Electronics and Communication Engineering, on 18th – 19th July 2014, at GNIT,

2. B. Saritha, “Sleep methods- An efficient way to reduce the leakage power” International conference on smart systems (ICSS-2013) on 7th -8th Oct 2013 at JBIET.
INTRODUCTION

Department of Biotechnology was established in the year 2002 and commenced offering UG programme- B.Tech in Bio-Technology with an initial intake of 30 students which has been increased to 60 currently. The Department has highly qualified faculty and well equipped laboratories, striving to incorporate excellence in theory and practice. The well-equipped laboratories are Biochemistry, Microbiology, Bioprocess Engineering, Downstream Processing, Genetic Engineering and Instrumental methods of analysis.

The vision of the department is to create a center for imparting technical education of international standards and conducting research with cutting edge technologies to meet the current and future challenges of Biotech and healthcare industry. The mission of the department is to produce knowledgeable, professionally skilled manpower in the field of Biotechnology, health care related areas and to create professionals with knowledge, skills and leadership quality to address needs of both contemporary and future society.

The Department is rated among top 20 BT schools in India by BIOSPECTRUM in the years 2008, 2009 & 2010 and among top 12 Colleges of India by a survey by the Journal ‘BIOSPECTRUM’ in Volume 10: Issue 8, Aug 2012. The Department has been accredited by NBA, AICTE from 2008-2011. It has won an award for “Best Working Model” for
designing a model Bioreactor in the year 2006 given by SRUJANA-2006 (State Level Project Exhibition cum Competition for Engineering Students). It motivates students to take innovative projects through In-house R & D, various Research institutions and Industries. It promotes industry interaction through Dr. Reddy’s laboratories, Bharath Biotech, GVK bio and other industries.

The Department was accredited by NBA. In addition to quality teaching, students are exposed to certification courses and workshops along with personality development programs. Furthermore, required training is imparted to the interested students to prepare for competitive examinations such as GATE, CAT etc. The gradual increase in the number of participants and competitors for various programs and the growing number of placements reflects the impact of these programs.

The department is strengthened with a total of 14 faculties out of which 4 are Doctorates and 1 pursuing PhD. The department has organized two International conferences and many workshops. Its faculty have received funding for Major project under DST and Minor project from UGC.

### Doctorates in BT

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Degree Awarded</th>
<th>No. of Publications (journals/ conferences)</th>
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<tbody>
<tr>
<td>1</td>
<td>Dr. N. Sunil Kumar (HOD)</td>
<td>1993</td>
<td>12</td>
</tr>
<tr>
<td>2</td>
<td>Dr. D. Sailaja</td>
<td>1995</td>
<td>22</td>
</tr>
<tr>
<td>3</td>
<td>Dr. K. V. Pavani</td>
<td>1997</td>
<td>29</td>
</tr>
<tr>
<td>4</td>
<td>Dr. K. Krishnam Raju</td>
<td>2008</td>
<td>11</td>
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</table>

### Research Projects/FDP’s/Seminar Grants/Sanctioned

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Title</th>
<th>Name of the Funding Agency</th>
<th>Amount in Lakhs</th>
<th>Year</th>
</tr>
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<tbody>
<tr>
<td>1.</td>
<td>Dr. D. Sailaja</td>
<td>Seminar grant</td>
<td>AICTE</td>
<td>2</td>
<td>2008</td>
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<tr>
<td>2.</td>
<td>Dr. K. Krishnam Raju</td>
<td>R&amp;D Project</td>
<td>DST/SERB</td>
<td>22</td>
<td>2012</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. K. Krishnam Raju</td>
<td>R &amp; D Project-Minor</td>
<td>UGC</td>
<td>4.45</td>
<td>2014</td>
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<tr>
<td>S.No</td>
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<td>Title</td>
<td>Name of the Funding Agency</td>
<td>Amount in Lakhs</td>
<td>Year</td>
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</tr>
<tr>
<td>1.</td>
<td>Dr. D. Sailaja</td>
<td>Industry Interaction Programme conducted by Dr. Reddy’s Labs in collaboration with CII. Prashanth Gudate, Head, QC, Dr. Reddy’s Labs, Hyderabad</td>
<td>TEQIP -II</td>
<td>20,000</td>
<td>2013</td>
</tr>
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<td>2.</td>
<td>Dr. D. Sailaja</td>
<td>Faculty Development Programme (FDP) on Microbial and Molecular Techniques, Dr. K. Thomas Kiran, NitzaBiologicals</td>
<td>TEQIP -II</td>
<td>50,000</td>
<td>2013</td>
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<td>3.</td>
<td>Dr. D. Sailaja</td>
<td>Faculty Development Programme (FDP) on Gene Cloning, Dr. V. Madhav Rao, NitzaBiologicals</td>
<td>TEQIP -II</td>
<td>50,000</td>
<td>2013</td>
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<tr>
<td>4.</td>
<td>Mr. C. Srikanth</td>
<td>Faculty Development Programme (FDP)- PhD Scholar support</td>
<td>TEQIP -II</td>
<td>20,000</td>
<td>2014-15</td>
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</table>
FACULTY AND THEIR PUBLICATIONS:

Dr. K.V. Pavani (ID-530) Associate Professor of BT.

Qualifications: Ph.D in Biochemistry, Sardar Patel University (PhD completion in 1997), M.Sc (Life Sciences) (Sardar Patel University).

Experience: 19 years

Research Interest: Nano biotechnology, Environmental Biotechnology

Journal Publications/Conference Proceedings: 27

International


National


**Conference Proceedings**

**International**

1. Biochemical Responses of *Cicerarietinum* Seedlings to Zinc and Bioengineered Zinc Nanoparticles Stress in DNA2013, 5th International Conference on EMERGING TRENDS IN APPLIED BIOLOGY, BIOMEDICINE AND BIOFORENSICS, held at University of Hyderabad, on November 30-01, 2013.

2. Paper presented on in 3rd International Conference on Medicinal Plants and Herbal Products on 19-21 December 2011, held at Institute of indigenous Medicine, University of Colombo, Sri Lanka

**National**

1. Paper presented on Iron accumulation of *Bacillus Circulans* in the presence of manganese in 24th Annual International Conference of NESA, New Delhi, held on 28-29 December 2011, organized by Presidency college, Bangalore.

2. Paper presented on “Biochemical Responses of *Cicerarietinum* Seedlings to Zinc and Bioengineered Zinc Nanoparticles Stress” in DNA2013, 5th International Conference on “EMERGING TRENDS IN APPLIED BIOLOGY, BIOMEDICINE AND BIOFORENSICS” held at University of Hyderabad, on November 30-01, 2013.
Dr. K. KrishnamRaju (ID-839)Associate Professor

Qualifications: Ph.D (Biochemistry) (University of Mumbai / Bhabha Atomic Research Centre, 2008), M.Sc (Genetics & Plant breeding)(A. N. G. Ranga Agricultural University, 2002).

Experience: 7 years

Research Interest: Molecular biology of Apoptosis in unicellular systems.

Journal Publications / Conference Proceedings : 11

Journal Publications

International

Total cumulative impact factor of all the four journals is 15.585.


5. Genebank Submission: Cloned and sequenced 2.631 kb polysaccharide deacetylase gene, partial cds from Xanthomonas campestris pv. glycines Strain AM2. (Genbank accession no. DQ394570) Authors: Raju, K. K., Misra HS, and A. Sharma; Year: 2007.


Conference Proceedings

International

1. Paper Presentation in the 7th international conference on yeast biology held at IIT Mumbai, December 10-13th, 2011. Title of the paper: Role of LSM1 in mRNA decapping and degradation, page # 13; Volume No. 7.


National

1. Attended national conference on proteomics and expression systems held at CCMB Hyderabad 2006.


Ms. M. Suhasini Goldameir (ID-1113), Asst. Professor in Biotechnology


Experience: 1 year

Research Interest: Regenerative medicine, Fermentation studies, Ecofriendly novel products synthesis, etc.

Journal Publications / Conference Proceedings: 03

1. Published paper on “Rifamycin B production improvement studies” at AP Science Congress 2010 conducted by JNTU-Hyderabad and AP Akademi of Sciences.

2. Published a paper “Production of Rifamycin SV from immobilized cells of *Amycolatopsis mediterranei* OVA5” at the National conference on “Biotechnology perspectives in the new millennium” conducted at SNIST, Hyderabad.

3. Published a paper on “Ecofriendly production of Rifamycin B” at workshop on “Pollution in Greater Hyderabad”.
Dr. N. SUNIL KUMAR (ID-584), ASSOCIATE PROFESSOR & HEAD DEPARTMENT OF BIOTECHNOLOGY


Experience: 14 years Industry, 8 years Teaching

Research Interest: Environment Biotechnology, Molecular Biology and Genetic Engineering.

Research Guide: Co-guide for 4 JNTUH registered scholars

Journal Publications/Conference Proceedings: 11

Journal Publications

International


**Conference Proceedings**

**International**


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**Dr. Mrs. D. Sailaja** (ID-211), Professor & Dean
Entrepreneur Development Cell

**Qualifications:** Ph.D in Genetics, Osmania University, PhD completion in 1997, M.Sc (Genetics) Osmania University

**Experience:** 22 years

**Research Interest:** Genetics Plant biotechnology Natural Products.

**Journal Publications/Conference Proceedings:** 18

**Journal Publications**

**International**


Conference Proceedings

National


3. Cytogenetic action of 2 methyl furan on bone marrow cells of mouse D Ranaprabha, D Sailaja, All India Conference on Cyology & Genetics, Dec 28-30 1988 Warangal 54-60.


A.C.P. Chowdary, Assistant Professor (ID:280)


Experience: 11 years

Research Interest: Bioprocess Engineering

Journal Publications/Conference Proceedings: 01

International

INTRODUCTION

The Department of Basic Sciences is devoted to foster the fundamental principles and understanding of science that are capable of enhancing the human experience. The academic programs of this department are organized to meet the requirements of the fast growing technology. The Department has been there, right from the inception of the College, offering instruction in Mathematics, Physics and Chemistry to students of the various core branches of engineering.

“Delivering a transformative education is the core mission of basic science”

The department of mathematics has been training students on application software like MATHEMATICS and MATLAB. It also runs a forum “ADVANCED ACADEMIC CENTRE” and leading resource persons visit the college under this forum.

The department is strengthened with a total of 36 faculties out of which 4 are Doctorates and 10 are pursuing PhD’s.
Doctorates in Basic Science

<table>
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<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Degree Awarded</th>
<th>No. of Publications (journals/conferences)</th>
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<tr>
<td>1</td>
<td>Dr. S. Ramamurthy</td>
<td>2007</td>
<td>9</td>
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<td>2</td>
<td>Dr. R. Subrahmanyam</td>
<td>1985</td>
<td>7</td>
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<td>3</td>
<td>Dr. B. Ramakrishna Reddy</td>
<td>2006</td>
<td>5</td>
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<tr>
<td>4</td>
<td>Dr. C. R. Venkateswara Rao</td>
<td>1995</td>
<td>26</td>
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<tr>
<td>5</td>
<td>Dr. B. Srinivasa Rao</td>
<td>1993</td>
<td>48</td>
</tr>
</tbody>
</table>

FACULTY AND THEIR PUBLICATIONS:

Dr. S. Ramamurthy (ID: 184)

Qualifications: M.Sc, Phd (Maths)

Experience: 24 yrs

Research interest: Approximation theory

No. of Journal Publications/Conference Proceedings: 3

Journal Publications

International


Dr. C.R. VENKATESWARA RAO (ID :1314)

Qualifications: M.Sc, Phd (chemistry), POSTDOCTORAL

Experience: 18 yrs


No. of Journal Publications/Conference Proceedings: 27

Journal Publications

International


9. Superconductivity and morphological studies on Bi2Sr2CaCu2O8 single crystals grown from stoichiometric and nonstoichiometric melts,


21. The hydriding behaviour of UFe1-xNixAl system (0<x<0.75) and magnetic studies on UFe1-xNixAlH0.8 P.Raj, A.Sathyamoorthy, K.Shashikala, N.Harish Kumar, C.R.Venkateswara Rao and S.K.Malik, J.Alloys Compd. 296(1-2), 20-26 (2000).


V. N. RamaDevi (ID : 654)

Qualifications: Associate Professor

Experience: 14 years

Research Interest: Queuing theory

No. of Journal Publications/Conference Proceedings: International


**Conference Proceedings**

**International**

1. Presented a paper in International conference on STATISTICS & INFORMATION TECHNOLOGY FOR A GROWING NATION from 22 Nov-2 Dec, 2014, Sri Venkateswara University, Tirupati, A.P.

**National**

1. Presented a paper in National conference on “Mathematical And Applications-2011”, Dhule, Maharashtra, India.

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**Mr. M. Sreedhar, Associate Professor, Dept. of Physics (ID : 482)**

**Qualifications:**
- Ph.D (Physics) (JNTU-H, in progress, Registered 2010),
- M.Tech (Energy Management) (SVU Tirupati-2002),

**Experience:** 12 Years

**Research Interest:** Electromagnetism, Materials Science.

**No. of Journal Publications/Conference Proceedings:** 02

**Journal publications**
International


Conference proceedings

National

1. Presented and published research paper titled “Thermo Magneto Electric Effects due to Ferromagnetic Material” at the National Conference on Applied Physics and Materials Science organized by Department of Physics, Vasavi College of Engineering on 19th & 20th July 2013.

K. Vagdevi, Assistant Professor of Physics (ID:393)


Experience: 10 years

Research Interest: Condensed Matter Physics, Fiber optics

No. of Journal Publications/ Conference Proceedings : 10

Journal Publications:


Conference Proceedings

International:


**National**


**No. of Journal Publications/ Conference Proceedings : 10**

**Conference Proceedings**

**National**


Rekha P.M, Assistant Professor in English (ID: 916)


Experience: 13+ years

Research Interest: American Literature

Conference Proceedings International

1. Participated in the Three Days International Conference conducted by British Council and English Foreign Languages University, Hyderabad on English Language Teacher Education in a Diverse Environment in 2013


P. Sujeetha Rao, Asst. Professor in English (ID: 621)

Qualifications: Ph.D (Indian Literature pursuing, reg OU 2013), M.A Lit (English Language Teaching) (OU Hyderabad-2003), B.Sc (Computers) (OU Hyderabad-1997)

Experience: 11 years

Research Interest: Modern Drama

No. of Journal Publications/Conference Proceedings: 01

Certifications


Conference proceedings

National


International

R. LakshmiKanthi, Asst. Professor in English (ID:718)

Qualifications: PhD (English) (JNTU-H, in progress, Registered2010), PGCTE (EFLU, Hyderabad), M.A (English Litt.) (Andhra University, 1983), B.A (English Litt)(AU, 1981)

Experience: 28 years

Research Interest: Contemporary Indian Writing in English & Commonwealth Literature

No. of Journal Publications/Conference Proceedings: 4

Conference Proceedings

International


National


Mrs. V. LakshmiPrasanna, Asst. Professor in English (ID:665)


Experience: 22 years

Research Interest: Indian Writing in English

No. of Journal Publications / Conference Proceedings : 12

Journal Publications

National


Conference Proceedings

International


3. Mrs. LakshmiPrasanna. V., Paper Presented on “ The Role of Email in the communication process- Netiquette in International Elt@IRajasthan Conference on Interfacing Language, Culture &Technology BITS, Pilani, Rajasthan.(8-9 Oct 2012)


National

1. Mrs. LakshmiPrasanna. V. , Paper presented on “Higher Order Thinking Skills in Education”, a National Conference on Rethinking the Role of Humanities in Technical Education Pedagogies and Possibilities (October 18-19, 2013) Organized by Department of Languages and Humanities BITS, Pilani, Hyderabad campus


4. Mrs. LakshmiPrasanna. V., Participated “National Practicum on Emerging Areas of Research in English Language &Literary studies” conducted by JNTUH (29 April, 2011).

5. “Gandhian Idiology-its impact on Nayantara Sahgals Thinking” IJELR ISSN 2349-9451. Dec-14

6. “Metephor,Image and symbol in the poetry of Robert Frost” IJELLH ISSN 2321-7065, 8/1/2014

7. “Nayantara sahgal’s Definition of New Morality and New Humanism” “IJFEL ISSN 2320-2505, 7/1/2014

Mr. M. Aravinda Kumar, Asst. Professor in English (ID:708)

Qualifications:
Ph.D (HRM, Acharya Nagarjuna University in progress, Registered in 2011), M.A. English Literature (Osmania University, Hyderabad in 2005), Post Graduate Diploma in Communicative English (University of Hyderabad, 2008), B.A. English Literature (Sri Krishna Devaraya University, Anantapur), M.Phil (ANU, Guntur 2010), MHRM (ANU, Guntur 2008).

Experience : 8 years

Research Interest: Training Practices

Journal Publications / Conference Proceedings: 3


3. Participated and presented a paper on “Recent Trends in HR of Indian Youth Segment: Adapting to Global Scenario” in a national conference on “Changing Scenario of HR in India” at Acharya Nagarjuna University, Guntur in 2012.

M.V. Sreekantha Reddy, (ID:899)
Asst.professor (Mathematics-BS Dept)

Qualifications:
- Ph.D (Applied Mathematics) (Rayalaseema University, Kurnool, in progress, Registered 2009),
- M.Sc (Tech) (Systems Theory and Industrial Applications) (JNTU University, 1998),
- B.Sc (MPC) (SVU, 1995)

Experience: 15 years

Research Interest: Fluid Dynamics

No. of Journal Publications/Conference Proceedings: 6

Journal publications
International


Conference Proceedings

National


3. M.V.Sreekantha Reddy, one week national workshop on “Mathematical Modelling for Performance Oriented Heuristic Techniques and its Applications To Industry” held at M.S.Ramaiah Institute of Technology, Bangalore from 7th-11th December 2009.

B. Umamaheswara Rao, Assistant Professor in chemistry (ID: 1119)

Qualifications: PhD (Chemistry (Andhra University, in progress registered 2010), M.Phil (Engineering Chemistry) (Andhra University College of Engineering (A), Andhra University, 2001), M.Sc (Applied Chemistry) (Andhra University College of Engineering (A), Andhra University, 1999), B.Ed (Madhurai Kamaraj University, Madhurai, 1996).

Experience: 11 years (Teaching), 2 Years (Industry) and 1 year Senior Research Fellow in AU


Journal Publications/Conference Proceedings: 8

Journal publications

International

National


Conference Proceedings

International


National

1. Physio-chemical properties of Gosthani river surface waters AP Science Congress, Osmania University, Hyderabad, 2008.


INTRODUCTION

Department of Computer Science and Engineering was established in the year 1997. It conducts B.Tech & M.Tech programmes in Computer Science and Engineering. The Department has well-equipped laboratories. It focuses on practical applications in the field of Data Mining & Image Processing.

The Department is accredited by NBA in 2006 and in 2009. In addition to quality teaching, students are exposed to certification courses and workshops along with personality development programs. Furthermore, required training is imparted to the interested students to prepare for competitive examinations such as GATE, CAT etc. The gradual increase in the number of participants and competitors for various programs and the growing number of placements reflects the impact of these programs.

The department is strengthened with a total of 65 faculties out of which 6 are Doctorates and 14 are pursuing PhD’s and 45 are holding M.Tech degree. The department has organized two International conferences in the area of computing methodologies and many workshops.
### Doctorates in CSE

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Degree Awarded</th>
<th>No. of Publications (journals/conferences)</th>
</tr>
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<tbody>
<tr>
<td>1.</td>
<td>Dr.K.Anuradha</td>
<td>2011</td>
<td>18</td>
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<tr>
<td>2.</td>
<td>Dr.A.Sai Hanuman</td>
<td>2012</td>
<td>16</td>
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<tr>
<td>3.</td>
<td>Dr.P.Vijayapal Reddy</td>
<td>2013</td>
<td>21</td>
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<td>4.</td>
<td>Dr.P.V.S Srinivas</td>
<td>2009</td>
<td>72</td>
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<td>5.</td>
<td>Dr.G.R.Sakthidharan</td>
<td>2014</td>
<td>8</td>
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<tr>
<td>6.</td>
<td>Dr.ChandhraShekar Reddy</td>
<td>2014</td>
<td>8</td>
</tr>
</tbody>
</table>

### Research Projects/FDP’s/Seminar Grants/Sanctioned

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Title</th>
<th>Name of the Funding Agency</th>
<th>Amount in Lakhs</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Prof.G.Mallikarjuna Rao</td>
<td>MODROBS</td>
<td>AICTE</td>
<td>7.5</td>
<td>2013</td>
</tr>
<tr>
<td>2.</td>
<td>Dr.PraveenKumar</td>
<td>R&amp;DProject</td>
<td>DRDO</td>
<td>9.97</td>
<td>2011</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. S. ViswanadhaRaju</td>
<td>FDP</td>
<td>AICTE</td>
<td>7</td>
<td>2009</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. S. ViswanadhaRaju</td>
<td>SeminarGrant</td>
<td>AICTE</td>
<td>1</td>
<td>2009</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. S. ViswanadhaRaju</td>
<td>SeminarGrant</td>
<td>AICTE</td>
<td>1.5</td>
<td>2009</td>
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</table>

### Research Mobilization for Research (TEQIP-II)

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Title</th>
<th>Name of the Funding Agency</th>
<th>Amount in Lakhs</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr.K.Anuradha</td>
<td>Series of lectures in Java</td>
<td>TEQIP-II</td>
<td>37,000</td>
<td>2013</td>
</tr>
<tr>
<td>2.</td>
<td>Dr.K.Anuradha</td>
<td>Java Programming</td>
<td>TEQIP-II</td>
<td>47,915</td>
<td>2013</td>
</tr>
<tr>
<td>3.</td>
<td>G. Mallikarjuna Rao</td>
<td>System Software Development</td>
<td>TEQIP-II</td>
<td>34,000</td>
<td>2013</td>
</tr>
<tr>
<td>4.</td>
<td>P. L. Srinivasa Murthy</td>
<td>Android Applications</td>
<td>TEQIP-II</td>
<td>14,000</td>
<td>2013</td>
</tr>
</tbody>
</table>
FACULTY AND THEIR PUBLICATIONS:

Dr. K. Anuradha, (ID-617) Professor and HOD of CSE & Dean-Academic Affairs, Vice Principal, School of Computing.


**Experience:** 27 years

**Research Interest:** Data Mining

**Journal Publications/Conference Proceedings:** 18

**Certifications:**
- Oracle Certified Java Standard Edition 6 Programmer (OCJP)
- Oracle Certified Associate (SQL, PL/SQL) (OCA)
- Oracle Certified Web Component Developer (OCWCD)

**Books Published**


**Journal Publications**

**International**


National


Conference Proceedings

International


Dr. Akundi Sai Hanuman  Professor of CSE (ID-111)


Experience: 14 years (Teaching), 5 years (Industry).

Research Interest: Data Mining, Optimization Techniques, Distributed Systems, Database Management Systems, Operating Systems.

Books Published

Journal Publications/Conference Proceedings: 17

International Publications

Conference Proceedings

International


4. A. Sai Hanuman, et al. 14th Pacific Asia Conference on”Knowledge Discovery and Data Mining” (PAKDD-2010) (Four days Conference organized by IIIT, Hyderabad).


National


Dr. P. Vijayapal Reddy, Professor of CSE (ID-1160)


Experience: 16 years

Research Interest: Information Retrieval, Natural Language Processing, Optical Character Recognition.

Journal Publications/Conference Proceedings: 21


No. of guest lectures: 07

No. of conferences as a program committee member: 08

Patents:

1. Published with the title “Process for Data Confidentiality using Probabilistic Cryptographic Technique” with application number as 976/CHE/2015.

2. Published with the title “A model for data secrecy using hybrid cryptographic technique” with application number as 1905/CHE/2015.

Text Books published:

1. “Java made easy”, Kenbride publications, Hyderabad.
Journal Publications

International


Conference Proceedings

International


Dr. P.V.S. Srinivas, Professo

**Qualifications:** Ph.D (Computer Science & Engineering From JNTUH, Hyderabad in 2009), M.Tech (Computer Science & Engineering, from JNTUH in 2003).

**Total Experience:** 23 Years (Industry: 2 Years, Teaching: 21 Years & Research: 5 Years).

**Research Interest:** Computer Networks & Cloud Computing.

**No. of Times Invited for Guest Lectures:** 21.

**No. of Journal Publications/Conference Proceedings:** 72.

**Journal Publications**

**International**


5. P. V. S. Srinivas¹, S. Bhargavi² “Ensuring Transfer Reliability and Congestion Control in Opportunistic Networks” pp 2454-2462, IJTES ISSN: 2320 – 8007. Impact Factor: 0.4.


8. V. Venkaiah, A. Pramod Reddy, P. V. S. Srinivas, “Clustering that depends upon various viewpoints similarity measure”, IJCATR, ISSN 2319–8656 (Online), PP 5-8 Impact Factor: 0.5.


25. K.M.V. Madan Kumar, P.V.S. Srinivas, C.Raghavendra Rao “Sequential Pattern Mining With Multiple Minimum Supports by MS-SPADE” International


**Conference Proceedings**

**International**


Dr. P. Chandra Sekhar Reddy, Professor, CSE Dept.


Experience: 15 years

Research Interest: Image Processing and Data Mining.

Journal Publications/Conference Proceedings: 8

International


Conference Proceedings

International


G. Mallikarjuna Rao, Professor (ID-628)


Experience: 22 years

Research Interest: Image Processing & Pattern Recognition, Neural Networks, Language Processors.

Journal Publications/Conference Proceedings: 18

Journal Publications

International


National


Conference Proceedings

International


National


Dr. G. R. Sakthidharan

**Designation:** Associate Professor


**Experience:** 11 years (Academic: 9 years, Industrial: 2 years)

**Research Interest:** Mobile Wireless Sensor Network

**Invited Guest Lectures:** 05

**Journal Publications / Conference Proceedings:** 08

**Journal Publications**

**International**


**Conference Proceedings**

**International**


**National**


Ch. Mallikarjuna Rao, (ID-169) Associate Professor of CSE


Experience: 15 years

Research Interest: Data Warehouse & Mining, Databases, Software Engineering, Software Testing, Machine Learning, Cloud Computing


Certifications: Oracle Certified Associate (SQL, PL/SQL) (OCA) Microsoft certified professional in VB.

Journal Publications

International


Conference Proceedings

International


B. Sankara Babu, Associate Professor, ACE for PG (ID-441)


Experience: 11 years

Research Interest: Data Mining, Computer Networks and Information Retrieval Systems

Journal Publications / Conference Proceedings: 06


2. Oracle Database SQL Certified Expert

No. of times invited for guest lectures: 1

Journal Publications

International


V. Sowmya, Associate Professor of CSE (ID-612)


Experience: 9 years

Research Interest: Data Mining, Bioinformatics

Journal Publications/Conference Proceedings: 5


Journal Publications

International


Conference Proceeding

International
National


G. N. Beena Bethel  
Associate Professor  
(staff-id = 809)


Experience: 12 years

Research Interest: Data warehousing and Data Mining, Soft Computing, Software Engineering.

Journal Publications/ Conference Proceedings: 03

Journal Publications

International


Conference Proceedings

International

S. Govinda Rao : (ID-486) Associate Professor


Experience: 10 years

Research Interest: Data Mining, Computer Networks,

Journal Publications / Conference Proceedings: 06

Certifications: Oracle Certified Java Standard Edition 6 Programmer (OCJP)

Journal Publications

International


P. VaraprasadaRao, (ID-487) Associate Professor of CSE


Experience: 10 years

Research Interest: Network Security, Data Mining, Computer Networks

Journal Publications: 5
Certifications: Oracle Certified Java Standard Edition 6 Programmer (OCJP)

Journal publications

International


2. P.VaraprasadaRao, “A Python Based Regression Script to Evaluate Dependency Of H-Index Of Journals On Various Citation Parameters” i-manager’s Journal on Information Technology, Vol. 4, No. 4 September – November 2015

3. P.VaraprasadaRao, “Content Based Removing Text in OSN through Policy Based Personalization” IJRECS, July – Aug 2014, V-1, I-4, ISSN-2321-5484


P.L.SrinivasaMurthy, (ID-924) Associate Professor


Experience: 18 years

Research interest: Network Security, Image Processing

Conference Proceedings: 02

Certifications: CISCO Certification

No. of times invited for guest lectures: 4

Books Published:


Conference Proceedings

National


K. BUTCHI RAJU, Associate Professor (ID-674)

Qualification: Ph.D(pursuing) (Computer Science & Engineering)(JNTU-HYDERABAD)

M.Tech(Computer Science & Technology)(Andhra University, 2008)

Experience: 9 Years

Area of research interest: Information Retrieval Systems

JournalPublications/Conference Proceedings: 10

Journal publications

International publications:


Conference Proceedings

International Conferences:


National conferences :


S.BhargaviLatha, (ID-877) Assistant Professor


Experience: 10+ years

Research Interest: Image processing.

Journal Publications/Conference Proceedings: 01

Conference Proceedings

National Conference:

1. S.BhargaviLatha”Face Recognition –A review” in NECT-2013, GRIET
G.Karuna, (ID-922), Assistant Professor, CSE


Experience: 9 years


Journal Publications/ Conference Proceedings: 12


Books Published:


Journal Publications:

International:


Conference Proceedings

International


National


Ashlin Deepa R. N. (ID-887) Assistant Professor


Experience: 6 Years

Research Interest: Image processing

Journal Publications/Conference Proceedings: 3

International


Conference Proceedings

National


International


Y. Krishna Bhargavi, (ID-915) Assistant Professor


Experience: 4 years

Research Interest: Machine Learning, Data Mining

Journal Publications/Conference Proceedings: 3

Certifications: Oracle Certified Associate (SQL,PL/SQL)(OCA)

Journal publications
International


Conference Proceedings

International


Srilakshmi, (ID-923) Assistant Professor


Experience: 10years

Research Interest: Data Mining, Neural Networks

Certifications: Oracle Certified Java Standard Edition 6 Programmer (OCJP). Oracle Certified Associate (SQL)(OCA)

Conference Proceedings

National


B. Rupa, (ID-936) Assistant Professor


Experience: 8 years

Research Interest: Data Mining, Cloud Computing
Journal Publications/Conference Proceedings: 1

Conference Proceedings

International


K. Thrilochana Devi, (ID-949) Asst. Professor of CSE


Experience: 7 years

Research Interest: Data Mining

Journal Publications/Conference Proceedings: 01

Conference Proceedings

National Conferences:


K. RamaGayathri, (ID-1070) Assistant Professor of CSE


Experience: 1 year

Research Interest: Cryptography and Network security

Certifications: Oracle Certified Java Standard Edition 6 Programmer (OCJP)

Journal Publications

International Publications:

SandhyaStgy, (ID-1093) Assistant Professor of CSE


Experience: 5 years

Research Interest: Computer Networking and Distributed computing

Journal Publications/Conference Proceedings: 02

Conference Proceedings

International


R. Soujanya, (ID-1120) Assistant Professor


Experience: 5 Year

Research Interest: Network Security

Journal Publications/Conference Proceedings: 01

Certifications: Oracle Certified Associate(OCA)(SQL)

Conference Proceedings

National

K. Swanthana, (ID-1124) Assistant Professor


Experience: 2 Years

Research Interest: Cloud Computing, Networking.

Journal Publications/Conference Proceedings: 04

Certifications: Oracle Certified Java Standard Edition 6 Programmer (OCJP)

Conference Proceedings

National


K. Swapnika, (ID-1125) Assistant Professor


Experience: 2 Years

Research Interest: Cloud Computing, Networking.

Journal Publications/Conference Proceedings: 04

Certifications: Oracle Certified Java Standard Edition 6 Programmer (OCJP)

Conference Proceedings
National


A. SRAVANTHI (1227), Assistant professor

Qualification: M.Tech (computer science and Engineering), B.Tech (Computer science and Information technology).

Experience: 7 yrs

Journal publications/Conference Proceedings: 2

Certifications: Red Hat EL 4 Certified Engineer (RHCE)

International


Mrs. D. Suguna Kumari, (ID No.: 1228)
Assistant Professor in CSE department

Qualification: M.Tech. (CSE)

Total Experience: 7 years

Journal publications/Conferences proceedings: 3

Journal Publications

International


C. Bharathi Priya (staff id=1374) Assistant Professor

Qualifications: M.Tech (Computer Science) (University of Mysore), B.E(Information Technology) (Bharathiyar University).

Experience: 9 Years


Journal Publications/Conference Proceedings: 2

Journal Publications

National

Conference Proceedings

International


G. Lalitha (Staff-id: 1333) Assistant Professor

Qualifications: M.Tech (Computer Science and Engineering) (Vagdevi institute of technology and science under JNTUA), B.Tech (Computer Science and Engineering) (JNTUA)

Experience: 2 years 9 months.

Research Interest: Data Mining, Computer networks

Journal publications/Conference proceedings: 1

Journal publications

International


Santhosh Kumar Gottumukkala, Assistant Professor


Experience: 1 year

Journal Publications/Conference Proceedings: 01

Journal Publications

International

P. Jyothi (ID NO:1312) Assistant Professor


Experience: 4 months.

Research Interest: Network Security

Journal publications/Conference proceedings: 1

Journal publications

International


K. Sirisha, Assistant Professor (ID NO:1330)

Qualifications: M.Tech(Computer Science And Engineering)(TRR college of engineering and technology under JNTUH), B.Tech( Computer Science And Engineering)(JNTUH)

Experience: 3 months.

Research Interest: Network security

Journal publications/Conference proceedings: 1

Journal publications

International

Sujana Pathuri, Assistant Professor

Qualifications: M.tech(Information Technology)(JNTU, Kakinada), B.tech(Computer Science and Engineering)(Sri Padmavathi Mahila University)

Experience: 3 Months

Research Interest: Artificial Intelligence, Neuronal Computers

Journal Publications/Conference Proceedings: 1

Journal Publications

International

INTRODUCTION


The Department has been accredited by NBA first from 2006 to 2009 which was then renewed from 2009 to 2012.

The Department motivates students to take up innovative projects through participation in an active in-house product development Lab. Industry interaction is being promoted through several projects.
# Doctorates in ECE

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Degree Awarded</th>
<th>No. of Publications (journals/conferences)</th>
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<tbody>
<tr>
<td>1.</td>
<td>Dr. T.C. Sarma</td>
<td>2007</td>
<td>57</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. G. Mamatha</td>
<td>2013</td>
<td>10</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. V Ayyem Pillai</td>
<td>2014</td>
<td>04</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. Ch. Usha Kumari</td>
<td>2015</td>
<td>17</td>
</tr>
</tbody>
</table>

# Research Projects/FDP’s/Seminar Grants/Sanctioned

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Title</th>
<th>Name of the Funding Agency</th>
<th>Amount in Lakhs</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. T.C. Sarma</td>
<td>MODROBS</td>
<td>AICTE</td>
<td>18</td>
<td>2013</td>
</tr>
</tbody>
</table>

# Research Mobilization for Research (TEQIP-II)

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Title</th>
<th>Name of the Funding Agency</th>
<th>Amount in Lakhs</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>A. Radhanand</td>
<td>Embedded system to through Arduino</td>
<td>TEQIP-II</td>
<td>17,875</td>
<td>2013</td>
</tr>
</tbody>
</table>
FACULTY AND THEIR PUBLICATIONS:

Dr. T. C. Sarma, HOD & Professor of ECE (ID-986)

Qualifications: B.E (ECE) 1973, Andhra University, Ph.D (BITS, PILANI-2007)

Experience: 10 (Teaching) 37 (Industry) Research

Interest: Reconfigurable Systems, Embedded Systems, Intelligent Systems

Journal Publications/Conference

Proceedings: 57

Journal Publications:

International Publications


5. T. C. Sarma and Anil Kumar, Data Reception Systems for IRS-1C, Published in current science journal special issue on IRS-1C, Vol. 70, No – 7, dated April 10, 1996, Indian Academy of Sciences, pp. 534-542.

Conferences Proceedings:

International Proceedings


3. This was further published in the Asian Pacific Remote Sensing Journal by Regional Remote Sensing Programme (RRSP) under ESCAP/UNDP, July 1990.


8. T.C. Sarma, C. Ashok Kumar and M. Suryanarayana, Data Path Controller for Switching High Speed Data” for the International Conference on Instrumentation (INCON-2004), by ISII and Department of Instrumentation and Control, Pune Institute of Engineering and Technology, December 19-21, 2004 PUNE, India.


20. T.C. Sarma, Modelling and development of systems for the automated validation of antenna pointing accuracies for data reception from remote sensing satellites, for the IEEE International Conference on Industrial Technology (IEEE ICIT2008), April 21-24, 2008, Sichuan University, Chengdu, China.


National Proceedings


17. T.C.Sarma “Technological Evolutions for the Next Generation Networking Systems”, National Seminar on Role of Telecommunications for Betterment of Society, by the Institute of Engineers (India), AP State Center, Hyderabad, July 15-16, 2006, pp. 1.43-1.49.


27. T.C. Sarma, An automated approach for the information management for its life cycle in IT industry and its applications to remote sensing satellite data, for an all India seminar on “Role of IT in infrastructure development” conducted by The Institute of Engineers (India) at Andhra Pradesh Center, Hyderabad, Feb 23-24, 2008.


Dr. G. Mamatha Professor (ID-1301)

Qualifications: BE from Mysore University (1991), MS from BITS Pilani (1995), Ph.D (Full time) from IIIT Hyderabad (2013)

Experience: 17 years (Teaching), 6 years (Research)

Research

Interest: VLSI, Signal Processing
Conference Proceedings:10
JournalPublications
International Journals :


4. Mamatha Samson Stable and Low Power 6T SRAM International Journal of Computer Applications VOL 78 NO 2 September 2013 pp 6 -10


Conferences:


5. Mamatha Samson, M.B Srinivas “Read Stability and Write Ability Analysis of Dual –Vt Configurations of a single Cell of an SRAM Array-Effect of

Dr. V Ayyem Pillai, Professor of ECE (ID-1294)

Qualifications: AMIE(Electronics & Communication Engineering) 1998, Institution of Engineers, India, ME (Industrial Electronics), Maharaja Sayajirao University of Baroda, Ph.D (Anna University)

Experience: 11Years (Teaching) 15 years (Industry-Indian Air Force)

Research Interest: Antennas, Smart antennas, MIMO, Signal Processing

Journal Publications/Conference Proceedings: 4

International Publications1.


3. Ayyem Pillai, V, “Decoupled Transmit/Receive Incremental Successive MIMO Antenna Selection For Capacity Maximisation” Journal of Theoretical and Applied Information Technology(E-ISSN 1817-3195 / ISSN 1992-8645) accepted for publication. (ScopusIndex)

Conference Proceedings

International Conference

1. Ayyem Pillai, V & Sudhakar, R 2013, ‘V-BLAST detectors: Performance investigation in correlated condition and time analysis’, Proceedings - 2013 IEEE International Multi Conference on Automation, Computing, Control, Communication and Compressed Sensing, iMac4s, pp. 98-103, DOI:http://dx.doi.org/10.1109/iMac4s.2013.6526390
Dr. Professor Usha Kumari Chintalapati,
(ID-1361)


Experience: 10 years

Research Interest: Wireless Communications

Journal Publications/Conference Proceedings: 17

Journal Publications:

International Publications:


Conferences Proceedings:

International Conferences/Symposium


National Conferences/Symposium


V. Aravind, Professor (ID-120)

Qualifications: Pursuing Ph.DB.E. (ECE) (Thapar Institute of Engg & Technology, Patiala, 1988), M.S. (EE) Northern Illinois University, IL, USA, 2000)

Experience: 11 (Teaching) 14 (Industry)

Research Interest: Signal Processing, Image Processing, Multimedia, Embedded systems, Radio Frequencies

JournalPublications/Conference Proceedings: 1

JournalPublications:

International Publications

Hand-held Unit for ImagingISSN: 2249-8958International Journal of Engineering & Advanced technology

Y. Sudarsana Reddy Associate Professor (ID-126)


Experience: 18(Teaching)

Research Interest: Optical, Embedded systems

JournalPublications/Conference Proceedings: 2
Journal Publications:

International Publications


K. Padmavathi, Associate Professor (ID-614)


Experience: 13 years

Research Interest: Signal Processing

Journal Publications/Conference Proceedings: 8

Journal Publications: International Publications


4) Padmavathi Kora, K. Sri Ramakrishna, “Classification of Bundle Branch using Magnitude Squared Coherence”, ARPN Journal of Engineering and Applied Sciences. (Selected) (Scopus indexed)

5) Padmavathi Kora, K. Sri Ramakrishna, A Hybrid of Bacterial Foraging and Particle Swarm Optimization for detecting Bundle Branch Block Springerplus Journal (Selected) (SCI Expanded)

6) Padmavathi Kora, K. Sri Ramakrishna, Improved Bat algorithm for the detection of Myocardial Infarction, Springerplus Journal (Selected). (SCI Expanded)
Conference Proceedings

International


T. Jagannadha Swamy, Assoc. Professor (ID-422)

Qualifications: Pursuing Ph.DB.Tech (ECE) (Nagarjuna University, 2001), M.E. (ECE) (Osmania University, 2006)

Experience: 13 years

Research Interest: Digital Signal Processing, Wireless Embedded Networks

Journal Publications/Conference Proceedings: 9

International Publications


Conference Proceedings

International Proceedings


2. Spectrum sensing: Approximations for Eigen value ratio based detection ICCCI 2012DOI: 10.1109/ICCCI.2012.6158914

4. Adaptive Digital Beam forming for Radar antennas National Congress on CCAES

**National Proceedings**


**K.N.B.Kumar, Assoc. Professor (ID-676)**


**Experience:** 6 (Teaching) 20 (Industry)

**Research Interest:** Reconfigurable Systems, Wireless Communications, Embedded System Design

**Conference Proceedings:**

**International Proceedings**

1. Bandwidth Efficient Remote Data Acquisition for Internet ICMID 2010

**National Proceedings**

1. A systems approach to driver assistance systems in Low visibility conditions ASR-NSC 2009

---

**A. Radhanand, Assoc. Professor (ID-677)**


**Experience:** 6 (Teaching) 20 (Industry)

**Research Interest:** Microcontrollers, Sensors, Image Processing, Digital Signal Processing

**Journal/Publications/Conference Proceedings:** 2
Conference Proceedings:

International Proceedings
1. ICMID 2010 The case for Reconfigurable Hardware as a platform for Mobile Internet Devices (MIDS)

National Proceedings
1. A systems approach to driver assistance systems in Low visibility conditions ASR-NSC 2009

M. Kiran, Assoc. Professor (ID-403)
Experience: 11 yrs
Research Interest: Computers and Communications, Wireless Communication
Journal/Publications/Conference Proceedings: 2

International Proceedings

N. Swetha, Assoc. Professor (ID-479)
Experience: 11yrs
Research Interest: Embedded Systems
Journal/Publications/ Conference Proceedings: 5

International Journals:


Conference Proceedings:

International


2. Acoustic Emission Sensing Using Zigbee and Mobile Internet Devices (Mids) for Identifying Structural Damages,ICMID 2010

G.V. Subba Reddy, Assoc. Professor (ID-579)


Experience: 12 yrs

Research Interest: VLSI, Signal Image & Video Processing.

Journal Publications/ Conference Proceedings: 2

International Journals:


2. D. Sudha, G.V. Subba Reddy “CMOS Digital based Technology for Static Power Reduction in Nanoscale circuits” on volume 2, issue 9, IJRIT-2014

D.L. Chaitanya, Assoc. Professor (ID-461)

Qualifications: Pursuing Ph.D B.Tech (ECE) (SKUniversity, 2005), M. Tech (ECE) (JNTUH University, 2010)

Experience: 9 yrs

Research Interest: VLSI

Journal Publications/Conference Proceedings: 4


Conference Proceedings:International Proceedings


3. Acoustic Emission Sensing Using Zigbee and Mobile Internet Devices(Mids) for Identifying Structural DamagesICMID 2010

K. Jamal, Assoc. Professor (ID-656)

Qualifications:Pursuing Ph.D.BTech (ECE) (JNTU, 2003), M.Tech (VLSI Design) (Bharath University, Chennai 2005)

Experience:6(Teaching) 3(Industry)

Research Interest: VLSI


Conference Proceedings:

National Proceedings

1. Implementation of low power multiplier in Digital FIR filterNCCCI’122. Optimized Implementation of RNS Arithmetic Based on FPGAsNCSIP-2012

International Proceedings


3. Pseudo random number generation using LFSR and low power LFSR, ICPCES-2014, Anna University Chennai.

K. Swaraja, Asst. Professor (ID-1241)


Experience: 14 yrs Teaching

Research Interest: Image and Video processing, Communications


JOURNAL PUBLICATIONS


Conference Proceedings:

National Proceedings


Proceedings:


M.O.V. Pavan Kumar, Assistant Professor (ID-605)

Qualifications:M.Sc. (Electronics) (Acharya Nagarjuna University, 2003), M.Tech (ECE) (Satyabhama University, 2007)

Experience: 8 yrs

Research Interest: VLSI Design/ Digital System Design, Digital IC Design

Journal Publications/Conference Proceedings: 2


Conference Proceedings: International Proceedings

K.N.V. Khasim, Assistant Professor (ID-646)


Experience: 5 yrs


Journal Publications/Conference Proceedings: 5

International publications:


3. Convolutional Code of Rate 2/3 to Approach the Theoretical Limit Imposed by Shannon’s Channel Capacity (IJCST Vol. 2, SP 1, December 2011)

Conference Proceedings:

International Proceedings:

1. Enhanced Image Transmission using Turbo Codes And 16QAM with Iterative De-Noising Algorithm (Joint International Conference on Swarm, Evolutionary & Memetic Computing (SEMCCO) and Fuzzy & Neural Computing Conference (FANCCO) - 2011)

2. Impulse Noise Detection and Filtering Based on Adaptive Weighted Median Filter (ACNCN-2012)

Mrs. M. Suneetha (ID: 645) Assistant Professor


Experience: 8 yrs

Research Interest: Digital Signal Processing

Journal Publications/Conference Proceedings: 1
Journal Publications:

Mr. N. Madhusudhana Rao (ID: 556) Assistant Professor
Experience: 6 yrs
Research Interest: Communication Systems, DSP
Journal Publications/Conference Proceedings: 1

Journal Publications:
1. R.Vamshi Krishna, Mr. N. Madhusudhana Rao, “Area Delay efficient Binary address in QCA”, IJMMR, 1(10), Pg 169 to 174, Oct. 2014.

R.S. Uma Suseela (ID: 857) Assistant Professor
Experience: 5 yrs
Research Interest: Communication Systems, DSP
Journal Publications/Conference Proceedings: 1

Journal Publications:

K. Nagaja (ID: 871) Assistant Professor
Qualifications: B.E (ECE) (Periyar University, Tamil Nadu, 2003), M.Tech (ES) (Bharat University, Chennai, 2011)
Experience: 6 yrs
Research Interest: Embedded Systems, Communication Systems
Journal Publications/Conference Proceedings: 1

V.Hima Bindu Assistant Professor (ID:876)
Experience: 6 yrs
Research Interest: Wireless Communication
Journal/Publications/Conference Proceedings: 1


G L SUMALATA Assistant Professor (ID 961)
Experience: 8 yrs
Research Interest: Embedded Systems,VLSI
Journal/Publications/Conference Proceedings: 2

Conference Proceedings:

National Conference Papers
topaper on “To design and implement Data acquisition system based on ARM AND CAN protocol “at GITAM,VIZAG on 9th JAN 2012 on NCÁCTInternational Conference Papers
1. ”Fast Fourier Transformation of Vibration Signals Using Qt Creator” on IJMETMR (INTERNATIONAL JOURNAL AND MAGAZINE OF ENGINEERING, TECHNOLOGY, MANAGEMENT AND RESEARCH Volume No: 2 (2015, Issue No: 2 (February)
2. Paper on “To design and implement remote data monitoring control through web and recording system based onARM ON JUNE 2012 in ICIECE
Mr. Md Javeed Mehdi Assistant Professor (ID:954)


Experience: 4 yrs

Research Interest: Microprocessors, Microcontrollers, Embedded Systems

Journal Publications/Conference Proceedings: 2


Ch. Pratyusha Chowdari Assistant Professor (ID:937)


Experience: 3 yrs

Research Interest: VLSI & COMMUNICATIONS

Journal Publications/Conference Proceedings: 1


D. Sudha Assistant Professor (ID:1057)


Experience: 5 yrs

Research Interest: VLSI

Journal Publications/Conference Proceedings: 1
Journal Publications:
1. D. Sudha, G.V. Subba Reddy “CMOS Digital based Technology for Static Power Reduction in Nanoscale circuits” on volume 2, issue 9, IJRIT-2014

A. Ambika, Assistant Professor (ID-1103)
Experience: 4 yrs
Research Interest: VLSI
Journal Publications/ Conference Proceedings: 1

International Publications:
1. Matlab simulation for diversity and performance enhancement of OSTBC-CDMA system using channel coding techniques over multichannel.-Recent Science-2012

Swathi Karumuri (ID:1285)
Qualification: B.tech(2008), M.tech (2014)
Experience: 3 years
Research Interest: VLSI
Journal Publications/ Conference Proceedings: 1

Conference Proceedings:

M. Navya (ID:1298)
Qualification: B.tech(2008), M.tech (2014)
Experience: 3 years
Research Interest: Embedded Systems
Journal Publications/Conference Proceedings: 1

**G. Pradeep Reddy**, Asst. Professor of ECE(ID-1332)

**Qualifications:** B.Tech (Electronics & Communication Engineering) 2007, JNTUH, Telangana, India, M.Tech (Communication Engineering) 2010, VIT University, Vellore, Tamilnadu.

**Experience:** 6 (Teaching), 1 (Research)

**Research Interest:** Ultra Wide Band Communications

**Journal Publications/Conference Proceedings:** 4

**International Publications**


**Conferences Proceedings:**

**International Proceedings**


2. G. Pradeep Reddy, Gerardine Immaculate Mary et al., “UWB Indoor Channel profile identification with orthogonal hermite pulses” was presented in 3rd IEEE International Conference on Computer Science and Information Technology, 2010. (978-1-4244-5539-3)
K. Sravani (Id:1306)


Experience: 4 months

Research Interest: VLSI Journal Publications/Conference Proceedings: 1

Journal Publications:


Pallavi Dilipsathawane (Id:1307)

Qualification: B.E (electronics), passed out 2011, RTMNU, Nagpur M.tech (vlsi), 2014, JNTUH,

Experience: 4 months

Research Interest: VLSI Journal Publications/Conference Proceedings: 1

Journal Publications:


G. Nagaraju (Id:1311)

Qualification: B.tech (2012), M.tech (2014), JNTUH

Experience: 4 months

Research Interest: VLSI Journal Publications/Conference Proceedings: 1

Journal Publications:

G. Meera - Id: 1320
Qualification: B.tech (2009), M.tech (2014)
Experience: 4 months
Research Interest: SDR (Software defined Radio) and 5G cellular communication

Journal Publications:
1. “A Novel Power Reduction Design using Approximate Adders for Inexact Computing” in International Journal of Science, Engineering and Technology Research, Volume... Issue... October-2014, pp.2565-.2569

K. Sarvani - Id: 1321
Qualification: B.tech (2010), M.tech (2014), JNTUH
Experience: 4 months
Research Interest: Biomedical imaging and sensing, biomedical area, sensor networks

Journal Publications/Conference Proceedings: 1

G. Bindu Madhavi - Id: 1323
Qualification: B.tech-JNTUK (2012), M.tech (2014), Gitam university
Experience: 4 months
Research Interest: RF AND ME

Journal Publications
INTRODUCTION

Department of Electrical and Electronics Engineering was established in the year 1997. It conducts B.Tech & M.Tech programmes in Electrical and Electronics Engineering. The Department has well-equipped laboratories. It focuses on practical applications in the field of Power Electronics Control Systems & Power Systems.

The Department is accredited by NBA in 2006, 2009 and in 2014. In addition to quality teaching, students are exposed to certification courses and workshops along with personality development programs. Furthermore, required training is imparted to the interested students to prepare for competitive examinations such as GATE, CAT etc. The gradual increase in the number of participants and competitors for various programs and the growing number of placements reflects the impact of these programs.

The department is strengthened with a total of 37 faculties out of which 5 are Doctorates and 4 are pursuing PhD’s and 28 are holding M.Tech degree. The department has organized many workshops in collaborations IIT Bombay, IIT Madras, IIT Hyderabad and IIT Kharagpur.
### Doctorates in EEE

<table>
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<tr>
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<tr>
<td>1</td>
<td>Dr. J. Praveen</td>
<td>2007</td>
<td>73</td>
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<td>2</td>
<td>Dr. D. V. Pushpalatha</td>
<td>2012</td>
<td>24</td>
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<td>3</td>
<td>Dr. J. Sridevi</td>
<td>2014</td>
<td>12</td>
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<td>4</td>
<td>Dr. S. V. Jayaram Kumar</td>
<td>2000</td>
<td>25</td>
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<td>5</td>
<td>Dr. D. G. Padhan</td>
<td>2012</td>
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### Research Projects/FDP’s/Seminar Grants/Sanctioned

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<th>Year</th>
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<tbody>
<tr>
<td>1</td>
<td>Dr. J. Praveen</td>
<td>Design of 250kVA Dynamic Voltage Restorer for Power Quality Improvement</td>
<td>Young Scientist, DST, MHRD, Government of India</td>
<td>28.6 Lakhs</td>
<td>2015</td>
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<td>2</td>
<td>Dr. D.V. Pushpa Latha</td>
<td>Implementation of Fuzzy Logic Controller for Linear Induction Motor based Magnetic Levitation</td>
<td>Young Scientist, DST, MHRD, Government of India</td>
<td>25.2 Lakhs</td>
<td>2015</td>
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<td>3</td>
<td>Dr. D.V. Pushpa Latha</td>
<td>Thermal analysis and management of high power short endurance electrical machines</td>
<td>Women Scientist, INSA, New Delhi..</td>
<td>PED Accepted</td>
<td>2015</td>
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<td>4</td>
<td>V.V.S. Madhuri</td>
<td>Solar Simulator</td>
<td>MSME Programme, 2014, Government of India</td>
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<td>5</td>
<td>Mr. V. Vijaya Rama Raju</td>
<td>Computerization and Automation of Electrical Machines Lab</td>
<td>MODROBS</td>
<td>9.2 Lakhs</td>
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<td>6</td>
<td>Dr. S.N. Saxena</td>
<td>Seminar Grant</td>
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</tbody>
</table>
P.S.Raju, PROFESSOR, Dept.EEE (ID-197)


Experience: 48

Research interest: Power Systems, Power Electronics

National Journals

7. Raju P S, “A FORTRAN routine for finding the driving point and transfer impedances of a large power system from raw system data”, Electrical India, 15 June 1975.
Dr. J PRAVEEN, PROFESSOR and HOD of Dept.EEE (ID-1079)


Experience: 18yrs

Research interest: Power Electronics

Journal Publications/Conference Proceedings: 73

International Journals


12. K Hussain, Dr J Praveen,” POWER QUALITY ENHANCEMENT USING VSCBASEDDSTATCOM”, research paper has been accepted for publication in the International Journal of Engineering and Technology, ISSN 2049 3444, Vol 2, No.1, January ,2012 pp 93-98.


National Journals


5. Dr.J.Praveen, K.K. Jain, “Electricity-HVDC-Challenges” Published in the proceedings of 97th Indian Science Congress, 2-7th Jan 2010, Thiruvananthapuram, Kerala, India.

6. Dr.J.Praveen, K.K. Jain, “Power Quality Issues-Suggested Solutions” Published in the proceedings of 97th Indian Science Congress, 2-7th Jan 2010, Thiruvananthapuram, Kerala,India.

7. Dr. J.Praveen, K.K.Jain”Power generation in India :Vision year 2022 &Expected contribution of Nuclear power and safe its waste disposal methods” paper has beenselected for Poster display during the 98th Indian Science Congress [www.isc2011.in] inSRM University, Kattankulathur, Tamilnadu, January 3 to 7, 2011

Conference Proceedings

National conferences

2. Kiran Kumar Jain, Dr J Praveen, “Role of Engineers in Development of Telangana State as Energy Surplus Power State Utilizing Modern Technology”, published in the proceedings of National Conference on Role of Engineers in the Development of New State of Telangana (NC-REDNeST), organized under TEQIP-II by Chaitanya Bharathi Institute of Technology, Hyderabad (pp 55)


5. Vinaykumar A, Dr. J. Praveen, Dr. S. Tarakalyani “Measurement of Voltage Flicker and Mitigation of Voltage Sag to improvise the power Quality” presented at National Conference on “Power Quality and Industrial Drives” conducted by Sreenidhi Institute of Science and Technology, Hyderabad, July 12-13th 2013.


15. Dr J Praveen, “Overview on Custom Power Devices and Flexible AC transmission systems”, presented at Azura 2011, 29th and 30th two day conference Department of Electrical and Electronics Engineering, CMR College of Engineering and Technology, Medchalroad, Hyderabad-501401.


24. **Dr.J.Praveen** “Power Quality issues and Improvement with Custom Power Devises” Presented expert lecture at a two day workshop on “Power Quality” at MuffakhamJah College of Engineering and Technology, Banjara Hills, Hyderabad, 28th and 29th Aug, 2009.

26. Dr. J. Praveen “Mitigation of harmonics, Voltage sag, Voltage flickers and voltage transients using Dynamic Voltage Restorer” Presented expert lecture at one day workshop on “Power Quality” at Aurora’s Technological and Research Institute, Hyderabad, 24th Sept, 2009.


33. J. Praveen, S. Venkateswarlu, B. P. Muni, A. D. Rajkumar and H. V. Makthal “Promising Inverter for Elimination of Harmonics”, AICTE Sponsored


International conferences


3. Dr DP Kothari, Dr J Praeven, KK Jain “ Adoption of Synchrophasor Technology in IndianGrid Failures & Blackouts”, presented at Second International conference on Emerging Trendin Engineering, Dr.J.J.Magdum College of Engineering, Jaysingpur, Kolhapur, Maharastra heldon 22nd&23rd Feb,2013

4. S.Venkateshwarlu, B.P.Muni, A.D.Rajkumar, and J.Praeven”Direct Power Control Strategies For Multilevel Inverter Based Custom Power Devices”
5. A. Vinaykumar, Dr. J. Praveen, Dr. S. TaraKalyani “Various power Quality issues: Measurement of Flicker and Mitigation of Voltage sag” An International Conference on Intelligent and Efficient Electrical Systems conducted at PSG college of technology Coimbatore, 12-14 Dec 2013


8. Dr J Praveen, “Latest Simulation tools for power electronics and power quality improvement devices design an overview”, presented at International Accreditation Council for Quality in Education and Research (IACQER) nodal research center on 29th July, 2011 at Swarnandhra College of Engineering and Technology, Narsapur, W.G. Dist. A.P.

9. Dr J Praveen, “Fault analysis to mitigate voltage depression using new simulation schemes and design of custom power devices”, presented at International Accreditation Council for Quality in Education and Research (IACQER) nodal research center on 30th July, 2011 at Raghu Engineering College, Visakhapatnam, A.P.

10. PNK Sreelatha, Dr J Praveen, Dr V Kamaraju,” Voltage Sag Compensation with DVR for Different types of faults at a remote place on a remote feeder”, accepted for Presentation at Eight Control Instrumentation System International Conference ISCON-2011, Modeling and Simulation in Engineering Applications, 3-6th November, Manipal Institute of Technology, Manipal, Karnataka.

on 27th and 28th December, 2011 organized by IACQER at Raghu Engineering College, Vishakapatnam, A.P.(page no 302-308).


Dr. D.V. Pushpalatha, PROFESSOR, Dept. EEE (ID-953)


Experience: 17yrs

Research interest: Control systems

Journal Publications/Conference Proceedings: 24

Journal Publications

International Publications: 11


5. D.V.Pushpalatha, K.R.Sudha, Swati Devabhaktuni, “PLC based Smart Street Lighting Control”, International Journal of Intelligent Systems and Applications (IJISA), ISSN: 2074-9058, DOI: 10.5815/ijisa.2014.01.08, page no. 64-72, Impact factor 3.5


National Publications: 3


Conference Proceedings: 10

National Conferences: 7


International Conferences: 3


Dr. J. Sridevi, PROFESSOR, Dept.EEE (ID-516)


Experience: 12

Research interest: Power Systems, FACTS

International Journals


National Conferences


Dr. S.V.JAYA RA KUMAR, PROFESSOR, Dept. EEE (ID-1291)
Experience: 35+ Years
Research interest: Power Systems, FACTS

Journal Publications/Conference Proceedings: 25

International Journals

3. Digital relay based adaptive protection for distributed systems IEEMA journal February 2012.
11. A novel HVDC control strategy for interconnected power system a graphical based solution, American journal of scientific research 2010.


15. Load flow solution for ill conditioned power systems with FACTS devices, Journal of theoretical and applied information technology, June 2009.


23. Model based control design of a TCSC compensated power system, Electrical power and Energy system (ELSEIVER) 1999 pp 299-307.


Dr. Dola Gobinda Padhan, PROFESSOR, Dept.EEE (ID-1283)


Experience: 14 Years

Research interest: Power Systems, FACTS


International Journals


International Conferences


National Conferences


Mr. V. Vijaya Rama Raju, ASSOCIATE PROFESSOR, Dept.EEE (ID-361)


Experience: 16yrs

Research interest: Power system

National Conferences


M. SRIKANTH, ASSISTANT PROFESSOR, Dept. EEE
(ID-608)
Experience: 8 years
Research interest: Power Electronics
Journal Publications/Conference Proceedings: 1

National Conference Proceedings: 1


Syed Sarfaraz Nawaz, ASSISTANT PROFESSOR, Dept. EEE (ID-695)
Experience: 7 years
Research interest: Power Electronics
Journal Publications/Conference Proceedings: 3

International Conference Proceedings: 1


National Conference Proceedings: 2


R. Anil Kumar, ASSISTANT PROFESSOR, Dept. EEE (ID-657)
Experience: 7yrs
Research interest: Micro Controllers
National Conference Proceedings:

U. Vijaya Laxmi, ASSISTANT PROFESSOR, Dept. EEE (ID-692)
Experience: 7yrs
Research interest: Electrical Measurements
National Conference Proceedings:

V. Hima Bindu, ASSISTANT PROFESSOR, Dept. EEE (ID-772)
Experience: 5yrs
Research interest: Power Electronics
International Journal Publication:
1. G. Swapna, V. Himabindu, P. M. Sarma, M. Chakravarthy “Hardware implementation of single phase Inverter” International journal of engineering trends and technology, Volume 4, Issue 8, August 2013, ISSN 2231-5381.
G.Sandhya Rani, ASSISTANT PROFESSOR, Dept.EEE (ID-888)
Experience: 4yrs
Research interest: Power Electronics
National Journal Publication: 1

Ms.M.N.SandhyaRani, ASSISTANT PROFESSOR, Dept. EEE (ID-882)
Experience: 4yrs
Research interest: Power Electronics
International Journal Publication: 2

G.Swapna, ASSISTANT PROFESSOR, Dept.EEE (ID-746)
Experience: 6yrs
Research interest: Power Electronics
International Journal Publication: 1
1. G. Swapna, V. Himabindu, P. M. Sarma, M. Chakravarthy “Hardware implementation of single phase Inverter” International journal of engineering trends and technology, Volume 4, Issue 8, August 2013, ISSN 2231-5381.

V.V.S. Madhuri, ASSISTANT PROFESSOR, Dept. EEE (ID-879)
Experience: 8yrs
Research interest: Power systems
International Journal Publication: 2

A. Vinay Kumar, ASSISTANT PROFESSOR, Dept. EEE (ID-881)
Experience: 9yrs
Research interest: Power Systems
International Conferences
1. A. Vinay Kumar, Dr. J. Praveen, Dr. S. Tara Kalyani “Various power Quality issues: Measurement of Flicker and Mitigation of Voltage sag” An International Conference on Intelligent and Efficient Electrical Systems conducted at PSG college of technology Coimbatore, 12-14 Dec 2013
International Conference on Nanotechnology and Biosensors (ICNB-2, 2011) on 27th and 28th December, 2011 organized by IACQER at Raghu Engineering College.

National Conferences


2. **Vinaykumar.A, Dr.J.Praveen**, Dr.S.Tarakalyani “Measurement of Voltage Flicker and Mitigation of Voltage Sag to improvise the power Quality” presented at National Conference on “Power Quality and Industrial Drives” conducted by Sreenidhi Institute of Science and Technology, Hyderabad, July 12-13th 2013


National Journal


International Journal

1. **Vinay Kumar. A, Dr. J Praveen, Dr. S Tarakalyani “PQ Improvement By Moderation of Multi-Level Inverter Controlling Techniques And Intensifying...**


B.VASANTH REDDY, ASSISTANT PROFESSOR, Dept.EEE (ID-930)
Experience: 5yrs
Research interest: Power Electronics
Journal Publications/Conference Proceedings: 9

International Journals


International Conferences

National conferences

BOOKS PUBLISHED:

P.SRIVIDYA DEVI, ASSISTANT PROFESSOR, Dept.EEE (ID-931)


Experience: 7yrs

Research interest: Power Systems

Journal Publications/Conference Proceedings: 5

National Journal Publications: 2


National Conferences


2. Dr.D.V.Pushpalatha, P.Srividya, R.Vijaya santhi “Speed Control of DC Motor using Arduino” National conference on Contemporary Control (ConCon), Andhra University Vishakapatnam, Nov 2014.


M. REKHA, ASSISTANT PROFESSOR, Dept.EEE (ID-933)


Experience: 3yrs

Research interest: Power Electronics

Journal Publications/Conference Proceedings: 2

International Journal: 1


National conference: 1

P. SIRISHA, ASSISTANT PROFESSOR, Dept.EEE (ID-934)


Experience: 7yrs

Research interest: Power Systems

Journal Publications/Conference Proceedings: 2

National Conferences


2. P. Sirisha, P. Srividya devi, Dr. D.V. Pushpalatha “Ultrasonic RADAR system using Arduino” National conference on Contemporary Control (ConCon), Andhra University Vishakapatanam, Nov 2014.

V. USHA RANI, ASSISTANT PROFESSOR, Dept.EEE (ID-1045)


Experience: 7.8 years

Research interest: Power Systems

International Conference Proceedings: 1


P. PRASANTH KUMAR, ASSISTANT PROFESSOR, Dept.EEE (ID-1055)


Experience: 3yrs

Research interest: Power Electronics

International Journal Publication: 1

K.SUDHA, ASSISTANT PROFESSOR, Dept.EEE (ID-1211)


Experience: 6.8 years

Research interest: Power Electronics and Power Systems

International Conference Proceedings: 1


M.KARTHIKA, ASSISTANT PROFESSOR, Dept.EEE (ID-1237)


Experience: 4 years

Research interest: Power Electronics and Power Quality


International


138


Conference Proceedings

International


National

INTRODUCTION

B.Tech Information Technology (IT) discipline was initiated with an intake of 40 in 1999 and the department at present has an intake of 120 annually. The department also runs a Post Graduation course M.Tech (Software Engineering) with an intake of 18. The state of art facilities and well qualified faculty are taking care of all round development of the students and make them industry as well as job ready.

In addition to quality teaching, students are exposed to certification courses and workshops along with personality development programs. Furthermore, required training is imparted to the interested students to prepare for competitive examinations such as GATE, CAT etc. The gradual increase in the number of participants and competitors for various programs and the growing number of placements reflects the impact of these programs.

The department is strengthened with a total of 30 faculties out of which 2 are Doctorates and 10 are pursuing Ph.D’s and 16 are holding M.Tech degree. The department has organized two International conferences in the area of computing methodologies and many workshops.
### Doctorates in IT

<table>
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<tr>
<th>S.No</th>
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<th>Degree Awarded</th>
<th>No. of Publications (journals/conferences)</th>
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<tr>
<td>1.</td>
<td>Dr. Y. Vijayalata</td>
<td>2012</td>
<td>16</td>
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<td>2.</td>
<td>Dr. Padmalaya Nayak</td>
<td>2010</td>
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### Research Projects/FDP’s/Seminar Grants/Sanctioned (Year wise-descending order)

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<th>S.No</th>
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<th>Title</th>
<th>Name of the Funding Agency</th>
<th>Amount in Lakhs</th>
<th>Year</th>
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<tr>
<td>1.</td>
<td>Dr. Y. Vijayalata</td>
<td>Staff Development Program on “Explore the knowledge optimum utilization of Advanced open office” by Synchroserve</td>
<td>TEQIP II</td>
<td>0.35</td>
<td>2015</td>
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<td>2.</td>
<td>Dr. Y Vijayalata</td>
<td>Workshop on “Data Structures and algorithms behind Auto suggest” by Being Zero Tech</td>
<td>TEQIP II</td>
<td>0.19</td>
<td>2015</td>
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<td>3.</td>
<td>Dr. Padmalaya Nayak</td>
<td>Workshop on “CISCO” by IBNC</td>
<td>TEQIP II</td>
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<td>2015</td>
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<td>Dr. Padmalaya Nayak</td>
<td>FDP on “Simulations of Raspberry Pi with wireless sensor Networks” by Raspberry</td>
<td>TEQIP II</td>
<td>0.30</td>
<td>2015</td>
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<td>5.</td>
<td>Dr. Y. Vijayalata</td>
<td>Mobile App Development in Windows 8</td>
<td>TEQIP II</td>
<td>0.07</td>
<td>2014</td>
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<td>6.</td>
<td>Dr. Padmalaya Nayak</td>
<td>Network Simulation using NS2</td>
<td>TEQIP II</td>
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<td>2014</td>
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<td>Veena Trivedi</td>
<td>Recent Trends in Mobile Application Development</td>
<td>TEQIP II</td>
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<td>Dr. Padmalaya Nayak</td>
<td>MODROBS</td>
<td>AICTE</td>
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<td>2013</td>
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<td>K. Prassana Lakshmi</td>
<td>Spatial Data Mining</td>
<td>TEQIP</td>
<td>0.50</td>
<td>2013</td>
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<td>G. Vijendra Reddy</td>
<td>PHP</td>
<td>TEQIP</td>
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<td>P. Gopal Krishna</td>
<td>Total Quality Management</td>
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<td>ICACM-13</td>
<td>TEQIP</td>
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<td>Hardware &amp; Networking</td>
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<td>Y.J. Nagendra Kumar</td>
<td>Network Administration</td>
<td>TEQIP</td>
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<td>16</td>
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<td>ICACM-11</td>
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<td>ICACM-11</td>
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Dr. Y. Vijayalata (ID-619)

Designation: HOD & Professor of IT
Qualifications: Ph.D (CSE)
Experience: 18 years
Research Interest: Pattern Recognition
No. of Publication/Conferences: 16

Certifications: No. of times invited for guest lectures: 30

Books Published:
1. Dr. Y. Vijayalata, Anuradha R “Formal Languages and Automata Theory”, CBS Publications, New Delhi

Journal Publications:
International publications: (year wise –descending order)
3. Y. Vijayalata, Anuradha K, “A Distiributed Storage Integrity Auditing or Secure Cloud Storage Services”, International Journal of Advanced Research in Computer Science and Software Engineering, Department of Computer Science 2013. IF:2.08
National publications: (year wise –descending order)


Conference Proceedings

International Conferences: (year wise –descending order)


National Conferences: (year wise –descending order)


Dr. Padmalaya Nayak (ID-713)

Qualifications: Ph.D (CSE)
Experience: 14 years
Research Interest: Computer Network
No. of Publication /Conferences: 22
No. of times invited for guest lectures: 5

Books Published:

Book Chapters
1. Padmalaya Nayak “Impact of Cloud Gaming on Health Care, Entertainment, and Education” Submitted to IGI Global Publisher for the upcoming book Emerging Technologies and Applications for cloud based Gaming. (Abstract Accepted-Under Review)

International Journal Publication:

International publications: (year wise –descending order)


Conference Proceedings

International Conferences: (year wise –descending order)

1. Padmalaya Nayak, M Sowmya and Pranaya J “Integration of Sensor Node with Raspberry-Pi for Health Care Monitoring Application” in Proc. of


National Conferences: (year wise –descending order)


2. Padmalaya Nayak, Saraswati Bhakare, Nazia Tabassum, “Comparative analysis of AODV and DSR routing protocol for PAN using NetSim Simulator”
Accepted in National Conference on Innovation, Advancements and Computing, Gitam University, 28th-29th March 2014.

**K. PrasannaLakshmi** (ID-525)

Qualifications: M.Tech (CSE) (Ph.D)

Experience: 13 years

Research Interest: Data Mining

No. of Publication/Conferences: 8

Journal Publications:

International publications: (year wise –descending order)

1. “Fast Rule-Based Heart Disease Prediction using Associative Classification Mining” in IEEE International Conference on Computer, Communication and Control, MGI Indore, INDIA. Paper can be browsed from IEEE Explore. Sep 2015


3. “Efficient Classifier over Stream Sliding Window using Associative Classification” in International Conference on Data Mining (DMIN15), Las Vegas, USA with ISBN. Paper can be browsed from ACM Digital Library. July 2015

4. “Efficient mining of Data Streams using Associative Classification Approach” in International Journal of Software Engineering and Knowledge Engineering Vol 25, Issue 2, June 2015 ISSN (Online) : 1793-6403. Paper can be browsed online


7. “A survey on different trends in data streams” in International Conference on Networking and Information Technology (ICNIT 2010), Manila,

Y. J. Nagendra Kumar (ID-390)

Qualifications: M.Tech (CSE) Ph.D

Experience: 11 years

Research Interest: Web GIS Mining

No. of Publication/Conferences: 6

International publications: (year wise –descending order)


Conference Proceeding:

International Conference


4. “Optimal Distribution of mobile network towers: an approach through Geo Spatial Data Mining” Y. JeevanNagendra Kumar, Dr. T. V. Rajinikanth, Mohana Krishna.

T. Veena (ID-712)

Qualifications: M.E (Computer Engineering) Ph.D

Experience: 19 years

Research Interest: Web Mining

No. of Publication/Conferences: 2

Journal Publications:

International publications: (year wise – descending order)


Conferences:

International Conference:


P. Gopala Krishna (ID-558)

Qualifications: M.Tech (CST),(PhD)

Experience: 12 years

Research Interest: Data Mining/Document Clustering

No. of Publication/Conferences: 04

No. of times invited for guest lectures: 05

Journal Publications:

International publications: (year wise – descending order)


Conference Proceedings

International Conferences

1. P Gopala Krishna, Dr D LalithaBhaskari “Fuzzy C-means and Fuzzy TLBO for Fuzzy Clustering”, 2nd International Conference on Computer and Communication Technologies (IC3T2015) SPRINGER proceedings

S. V Appaji (ID-808)

Qualifications: M.Tech (CST),(Ph.D)
Experience: 6 years 6 months
Research Interest: Cryptography & Network Security
No. of Publication/Conferences: 03
No. of times invited for guest lecturers : 01

Journal Publications:

International publications: (year wise –descending order)


Conference Proceedings

International Conferences

Department of Civil Engineering was established in the year 2008. It conducts B.Tech programme in Civil Engineering and M.Tech Programme in Structural Engineering. The Department has well-equipped laboratories.

In addition to quality teaching, students are exposed to certification courses and workshops along with personality development programs. The gradual increase in the number of participants for various programs and the growing number of placements reflects the impact of these programs.

The department is strengthened with a total of 35 faculties out of which 4 are Doctorates and 5 are pursuing PhD’s.
### Doctorates in CE

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Degree Awarded</th>
<th>No. of Publications (journals/conferences)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. Mohd. Hussain</td>
<td>2002</td>
<td>26</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. N. Sanjeev</td>
<td>2003</td>
<td>14</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. G.V.K.S.V. Prasad</td>
<td>2008</td>
<td>09</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. V Srinivasa Reddy</td>
<td>2015</td>
<td>56</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. C Lavanya</td>
<td>2015</td>
<td>09</td>
</tr>
</tbody>
</table>

### Research Mobilization for Research (TEQIP-II)

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Title</th>
<th>Name of the Funding Agency</th>
<th>Amount in Lakhs</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. Mohd. Hussain</td>
<td>Sustainable Technologies in Civil Engineering: Perspectives and Strategies (STEPS) - 2014: Two day National Workshop-December 16-17, 2014</td>
<td>TEQIP-II</td>
<td>45,000</td>
<td>2014</td>
</tr>
</tbody>
</table>
FACULTY AND THEIR PUBLICATIONS:

Dr. Mohammed Hussain, Professor & HOD (ID: 861)

Qualifications:
- Ph.D (Water Resources Engineering) (JNTUH- Hyderabad, 2002)
- M.E (Hydromechanics and Water Management) (Osmania University, 1992)
- PG Diploma in Design and Construction of Concrete Structures (Annamalai University, 2006)
- Master of Human Resource Management (Pondicherry University, 2004)
- B.Tech (Civil Engineering) (National Institute of Technology, Warangal, 1983).

Experience: 29 years

Research Interest:
- Water Resources Engineering, Irrigation Engineering and Management
- Ground water and Surface water Conjunctive Use Management
- Hydrometry, Rainwater Harvesting
- Capacity building of water managers and water users in the area of Irrigation Management
- Participatory Irrigation Management (PIM), Concrete Bridge Engineering
- Concrete structures-particularly-Buildings and Hydraulic Structures.

Journal Publications/ Conference Proceedings: 26

Journal Publications

National

Conference Proceedings

International


National


Dr. G. V. K. S. V. Prasad, Professor (ID: 1297)


Experience: 26 years

Research Interest: Water Distribution system design optimization. Water and Wastewater treatment, solid waste management.

Journal Publications/ Conference Proceedings: 9

Journal publications

International


Conference Proceedings

International


National


C. V. S. Narayana, Professor(ID:1287)

Qualifications: Ph.D (Civil engineering from JNTU, Kakinada Pursuing) M.Tech (CSE)-BIT, Ranchi, 2000 with 75.5% M.Tech (WRE)- NIT, Warangal, 1985 with 74.4% B.Tech (Civil engineering)-NIT, Warangal, 1983 with 84.9%

Teaching experience: 30 years.

Fields of Research interest: Ground water hydrology Water resources engineering Environmental engineering GIS applications in water resources management
Research experience: As GOI scholar at NIT, Warangal for 3 years

Memberships in technical associations: Life member – ISTE
Life member – IGS
Life member – AIM

Publications/ Conference proceedings: 1


V. Mallikarjuna Reddy, Associate Professor (ID:807)

Qualifications: Ph.D (Civil Engineering from J.N.T.U Hyderabad (Pursuing)) M.Tech (Structural Engineering) (JNTU- Hyderabad, 2008),

Experience: 28 years

Research Interest: Concrete Technology.

Journal publications/ Conference Proceedings: 05

International publications:


Conference Proceedings (year wise descending order)

International Conferences:


National Conferences:

G.V.V. Satyanarayana, Associate Professor (ID:842)

Qualifications: Ph.D (Civil Engineering from J.N.T.U Hyderabad (Pursuing)) M.Tech, (Structural Engineering) (JNTU- Hyderabad, 2008),

Experience: 26 years

Research interest: Concrete Technology.

Journal Publications/Conference Proceedings: 03 / 03

Journal publications (year wise descending order)

International publications:


National publications:


Conference Proceedings (year wise descending order)

International Conferences:


National Conferences:


T. Srinivas (ID:1106) Associate Professor

Qualifications: Ph.D in Civil Engineering from JNTU Hyderabad (Pursuing) M.Tech (Structural Engineering) from JNTU Hyderabad B.E (Civil Engineering) from CBIT, affiliated to OU Hyderabad.

Experience: 17 Years

Research Interest: Concrete technology, Special concrete, Structural analysis and design by using Civil Engineering Software applications.

Journal Publications/Conference Proceedings: 02

Journal Publications:

International


Conference Proceedings:

National


Dr. V. Srinivasa Reddy, Associate Professor (ID:1117)


Experience: Teaching Experience – 7 yrs Industry Experience-10 yrs

Research interest: Concrete technology, Special concretes, Rehabilitation and Retrofitting of structures, Civil Engineering Software applications.

Association with Professional Bodies

- Life Member of Institute of Engineers (India) (MIE) M -146335-1
- Life Member of Indian Society for Technical Education (MISTE) LM 89941
- Life Member of Indian Concrete Institute (MICI) LM 10078
- Member of Universal Association of Civil, Structural And Environmental Engineers (UACSE) AM1005345
- Life member of American Concrete Institute (ACI) India Chapter (MACI)(LM.14.39)
- Institution of Engineers (India) - Chartered Engineer (C Eng)

Journal Publications/Conference Proceedings: 56

Journal publications (year wise descending order)

Journals:

- International:


(2012); CSIR-NISCAIR, INDIA Impact Factor 0.042 (2011), August 2014, Volume 07 No 04 , ISSN 0974-5904, P.P.575-581.


❖ National:


**Conference proceedings:**

![International:](image)


3. **M V Seshagiri Rao, V Srinivasa Reddy, Ch Sasikala**, “Studies on characterization of CaCO$_3$ precipitation in bacterial cement mortar”, International Conference on Sustainable Civil Infrastructure (ICSCI-2014), organized by American Society of Civil Engineers (ASCE) India Section and Department of Civil Engineering, IIT Hyderabad, October 17-18, 2014, pp 234-243.


National:


**Poster Presentations**


**Dr. C Lavanya, Assistant Professor (ID:804)**

**Qualifications:** Ph.D (Civil Engineering from J.N.T.U Hyderabad (2015)) M.Tech (Soil Mechanics and Foundation Engineering from J.N.T.U, Kakinada (2005)) B.Tech (Civil Engineering from J.N.T.U, Hyderabad (2002))

**Experience:** Teaching Experience – 06 yrs

Industry Experience- 02 yrs

**Research interest:** Expansivesoils, Ground improvement techniques.

**Journal Publications/Conference Proceedings:** 09

**Journal publications (year wise descending order)**

**International publications:**


**Conference Proceedings (year wise descending order)**

**International Conferences:**


National conferences:


Shaik Fayazuddin, Assistant Professor (ID:1209)

Qualifications: M.Tech (Geotechnical Engineering) (NIT Warangal, 2014) B.Tech (Civil Engineering) (GITAM University, Visakhapatnam, 2012)

Experience: 1 year

Research Interest: Earthquake Engineering, Reliability and its applications in Civil Engineering.

Journal Publications/ Conference Proceedings: 01

Conference Proceedings

International Conferences:

G. Karthik, Assistant Professor (ID:1196)


Experience: 1 year

Research Interest: Intelligent transportation system, signal designing, Traffic management, recycled use of pavement materials.

Journal Publications/ Conference Proceedings: 01

Conference Proceedings

International Conferences:


V. Naresh Kumar Varma, Assistant Professor (ID:1359)

Qualifications: M.Tech (Structural Engineering) (JNTUH, 2014) B.Tech (Civil Engineering) (Osmania University, Hyderabad, 2012)

Research Interest: Seismic Analysis and Concrete related topics

Journal Publications/ Conference Proceedings: 01

Journal Publications:

Department of Mechanical engineering was established in the year 1997. It conducts UG and PG programmes, B.Tech in Mechanical Engineering and M.Tech in Design For Manufacturing and Thermal Engineering courses. The Department has several well-equipped laboratories namely CAD/CAM Lab, Mechatronics Lab, Production Technology and Workshop practice, Metal Forming research Lab, Material Sciences and Metallurgy Lab, IC Engines Lab, Fluid Mechanics and Hydraulic Machinery Lab, Heat Transfer Lab, Heat Pipes testing Lab, Strength of Materials Lab, Mechanical Measurements and Control systems Lab, Manufacturing Simulation Lab, Machine Tools and Metrology Lab. The Department has been accredited by NBA from 2006 to 2012. B.Tech students of the department of the 2005 to 2009 and 2006 to 2010 batches have won gold medals for securing the highest percentage of marks among all the colleges of JNTU-H. It motivate students to take up innovative projects through in-house R & D Projects. It promotes thorough knowledge for the students in theory and Practice. The Department conducts annual International Conference on Materials Processing and characterization. Department of Mechanical Engineering has received R & D Projects from various National funding agencies like AICTE, DST, UGC and SERB.
## Doctorates in ME

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Degree Awarded</th>
<th>No. of Publications (journals/conferences)</th>
</tr>
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<tbody>
<tr>
<td>1.</td>
<td>Dr. Swadesh Kumar Singh</td>
<td>2007</td>
<td>90</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Jandhyala N Murthy</td>
<td>1984</td>
<td>10</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. N. Sateesh</td>
<td>2010</td>
<td>25</td>
</tr>
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<td>4.</td>
<td>Dr. R. Karthikeyan</td>
<td>2012</td>
<td>10</td>
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<td>5.</td>
<td>Dr. K. Satyanarayana</td>
<td>2013</td>
<td>10</td>
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<tr>
<td>6.</td>
<td>Dr. Ram Subbaiah</td>
<td>2013</td>
<td>56</td>
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<tr>
<td>7.</td>
<td>Dr. S. Surendranath</td>
<td>2015</td>
<td>5</td>
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<td>8.</td>
<td>Dr. L. Jayahari</td>
<td>2015</td>
<td>9</td>
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<tr>
<td>9.</td>
<td>Dr. J. Sudheer Reddy</td>
<td>2014</td>
<td>10</td>
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</table>

## Research Projects/FDP’s/Seminar Grants/Sanctioned

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Title</th>
<th>Name of the Funding Agency</th>
<th>Amount in Lakhs</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. Swadesh Kumar Singh</td>
<td>Construction of qualitative warm working processing maps for Ass 304 material</td>
<td>SERB</td>
<td>14.00</td>
<td>2013-14</td>
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<tr>
<td>2.</td>
<td>B. Tanya</td>
<td>Exploring the alternative bio based adhesive for plywood manufacturing</td>
<td>UGC</td>
<td>2.00</td>
<td>2013-14</td>
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<tr>
<td>3.</td>
<td>Dr. Swadesh Kumar Singh</td>
<td>Formability Study of AUSTENITIC STAINLESS STEEL (316 GRADE) at Higher Temperatures and development of redrawing facility in warm conditions of high strength materials</td>
<td>AICTE</td>
<td>17.70</td>
<td>2013</td>
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<tr>
<td>S.No</td>
<td>Name of the Faculty</td>
<td>Title</td>
<td>Name of the Funding Agency</td>
<td>Amount in Lakhs</td>
<td>Year</td>
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<tr>
<td>5.</td>
<td>Dr. K.G.K. Murti</td>
<td>Test Rigs and Equipment for Construction of FLD’s in Warm Forming</td>
<td>AICTE</td>
<td>9.50</td>
<td>2012</td>
</tr>
<tr>
<td>6.</td>
<td>Mr. D. Ramana Reddy</td>
<td>Study and development of asbestos free brake Friction lining with agro waste (Eco-friendly)</td>
<td>AICTE</td>
<td>9.00</td>
<td>2011</td>
</tr>
<tr>
<td>7.</td>
<td>Dr. Swadesh Kumar Singh</td>
<td>Study of Finite Element Simulation on the extent of Ironing of Low Carbon Steels under Warm Conditions</td>
<td>AICTE</td>
<td>17.67</td>
<td>2010</td>
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<td>8.</td>
<td>Dr. Swadesh Kumar Singh</td>
<td>Characterization of Al in warm condition using FEM</td>
<td>AICTE</td>
<td>10.50</td>
<td>2009</td>
</tr>
<tr>
<td>9.</td>
<td>Dr. Swadesh Kumar Singh</td>
<td>Finite element simulation of warm forming of Interstitial free (IF) steel and study the effect of blank temperature on thickness distribution &amp; drawability”</td>
<td>SERB</td>
<td>18.84</td>
<td>2008</td>
</tr>
<tr>
<td>10.</td>
<td>Dr. Swadesh Kumar Singh</td>
<td>“Study of Flow forming behaviour of deep drawn quality steel when it is drawn into a die by sensing temperature and stresses at different stages of drawing”</td>
<td>AICTE</td>
<td>6.88</td>
<td>2007</td>
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<tr>
<td>S.No</td>
<td>Name of the Faculty</td>
<td>Title</td>
<td>Name of the Funding Agency</td>
<td>Amount in Lakhs</td>
<td>Year</td>
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</tr>
<tr>
<td>1.</td>
<td>Dr. Swadesh Kumar Singh</td>
<td>2nd International Conference on Materials Processing and Characterization</td>
<td>AICTE</td>
<td></td>
<td>08-09 March 2013</td>
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<tr>
<td>2.</td>
<td>Dr. Swadesh Kumar Singh</td>
<td>DST, CSIR “International Conference on Materials Processing and Characterization</td>
<td>AICTE, DST CSIR</td>
<td>10.50</td>
<td>08-12 March 2012</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. Swadesh Kumar Singh</td>
<td>Characterization of materials and processing of high strength materials</td>
<td>AICTE (FDP)</td>
<td>18.84</td>
<td>25 June to 06 July 2013</td>
</tr>
</tbody>
</table>
Dr. Jandhyala N Murthy, Principal, GRIET


**Experience:** 17 years teaching, 20 years Industry.

**Research Interest:** Thermal Propulsion, Computer Graphics, modeling, Aircraft Maintenance CFD, Turbomachines.

**Journal Publications/Conference Proceedings:** 6

**Journal Publication**

**Conferences Proceedings:**

**International conference**

1. “Computational Study of some of the implications for Gas Turbine Design Maintenance as a consequence of NOx generation” – 18th CIMAC Congress, Tianjin, China, 1988.


**National conference**


B.Ch.Nookaraju (ID-324) Associate Professor, Department of Mechanical Engineering.


Experience: 12 Years

Research Interest: Heat Transfer, Electronics Cooling, Heat Pipes

RESEARCH PROJECT:


Journal Publications:

International Publications:


National Publications:


Dr Swadesh Kumar Singh, Professor (ID-499)


Experience: 10+ years

Research Interest: Sheet Metal Forming, Finite Element in Metal Forming, Warm and Hydroforming, Wood based biocomposites, Nuclear materials


Books published:

1. A text book on Production Engineering Publisher: Made Easy Publications.

International Journals:


National Journals:


International conferences:


28. Dareddy Ramana Reddy, Banoth BaluNaik, Swadesh Kumar Singh, “Comparative evaluation of surface finish (Ra) for Al-SiCP Metal Matrix Composite machining with diamond grinding wheel using multiple regression analysis and ANN (MATLAB)”, Fifth International Conference on Advances in Mechanical Engineering (ICAME-2011), June 06-08, 2011, S.V. National Institute of Technology, Surat, INDIA

Formability of EDD Steels in Warm Forming (up to 450\textdegree{} C)” 3\textsuperscript{rd} International and 24\textsuperscript{th} AIMTDR, December 13-15, College of Engineering AU, Vishakapatnam, India.


National Conferences:


7. **Swadesh Kumar Singh** and D. Ravi Kumar (2004), “Effect of process parameters on drawability in hydro-mechanical deep drawing” 21st All India Manufacturing Technology Design and Research Conference (AIMTDR) December India.


---

**Dr. N.Sateesh (ID-1207)** Professor, Department of Mechanical Engineering


**Experience:** 21 years

**Research interests:** CAD/CAM, Composite Materials, Modeling and Simulation and Rapid Prototyping.

**Journal Publications/Conference Proceedings:** 25

**PAPERS PUBLISHED**

I. **INTERNATIONAL JOURNALS:**


II. INTERNATIONAL CONFERENCES:


on Materials Processing and Characterization (IJMPC-2015), Gokaraju Ragaraju Institute of Engineering and Technology, Hyderabad, India, 14-15 March 2015,-Accepted


8. V.Balaji, N.Sateesh, and M.Manzoor Hussain, Manufacture of Aluminium Metal Matrix Composite (Al7075-SiC) by Stir Casting Technique, 4th International Conference on Materials Processing and Characterization (IJMPC-2015), Gokaraju Ragaraju Institute of Engineering and Technology, Hyderabad, India, 14-15 March 2015,-Accepted.

III. NATIONAL CONFERENCES:


Dr. R. KARTHIKEYAN, Professor of Mechanical Dept. (ID-1288)


Experience: 19 years

Teaching - 6 Years & 5 Months

Research – 3 Years

Industry – 10 Years & 10 Months

Journal Publications/ Conference Proceedings: 10

INTERNATIONAL JOURNALS


NATIONAL JOURNALS


CONFERENCES


**Raman Goud .Rachala**, Associate professor
Department of Mechanical Engineering. (ID-386)


**Experience**: 15 years

**Research Interest**: Sheet metal forming

**Journal Publications/Conference Proceedings**: 7

**Journal Publications**

**International Publications**:


**National Publications**:


**Conference Proceedings**

**International Conferences**:


National Conferences:


Dr. LADE JAYAHARI Associate Professor (ID-405)

Qualifications

Experience: 10+ years

Research Interest: Sheet Metal Forming


International Journals


5. Lade Jayahari, Balu Naik Banoth, and Swadesh Kumar Singh, “Finite element Simulation studies of AISI 304 for deep drawing at various temperatures”,

197
Material Today-Elsevier Journal-Accepted.

International Conferences


National Conferences:

Dr. RAM. SUBBIAH, Associate Professor -
(ID No:-1289)


Experience: 8 years

Research Interest: Mechatronics and Materials

Journal Publications/Conference Publications: 56

PUBLICATIONS IN INTERNATIONAL JOURNALS: (TOTAL - 11)


PUBLICATIONS IN INTERNATIONAL CONFERENCES: (TOTAL 15)


Recent Advances in Mechanical Engineering”, INCRAME – 2011 at MGR University, Chennai from 21st to 22nd April 2011.


PUBLICATIONS IN NATIONAL CONFERENCES: (TOTAL 30)


Conference on Recent Trends in Manufacturing Technology”, RTMT – 2011 at College of Engineering, Guindy Campus, Anna University, Chennai on 11th and 12th March 2011.


National Conference on Advances and Innovations of Civil and Mechanical engineering, AICME - 2011 at Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai on 11\textsuperscript{th} August 2011.


K. Venkateswarlu (ID-1350) Associate Professor, Department of Mechanical Engineering.


Experience: 17 Years

Research Interest: Fuel efficiency and emission improvement of Diesel engines and simulation of fuel Infection and combustion.

Journal Publications: 13

National Publications:


International Publications:


Dr. S. SURENDARNATH, (ID: 1347) Associate Professor, Department of Mechanical Engineering


Experience: 01 year

Research Interest: Metal Forming Processes (ECAP), Finite Element in Metal Forming
International Journals: 03

Conference Proceedings: 02

List of International Journals:


List of Conference Proceedings:


Mrs. U.S.JYOTHI, Associate Professor of MECH Dept. (ID-880)


Experience: 16 years

Research Interest: Alternative fuels

Journal Publications/ Conference Proceedings: 01

International Journal:

K. Sunil Kumar Reddy, Associate professor, Department of Mechanical Engineering. (ID-1175)
Experience: 14 years
Research Interest: Heat Transfer, Computational Fluid Dynamics

Dr. K. Satyanarayana Assistant Professor (ID-1171)
Experience :1 year
Research interests: Machine Tools, Manufacturing and design

Journal Publications/ Conference Proceedings: 16

International Journals


International Conferences


Mr. K.PRASHANTH REDDY, ASSISTANT PROFESSOR of MECH Dept. (ID-1121)


Experience: 14 years

Research Interest: Heat Transfer, CFD

Journal Publications/ Conference Proceedings: 04
International Journal publications:


International/National conference publications:

2. INTERNATIONAL CONFERENCE: Paper titled CFD ANALYSIS ON A 3D HEAT SINK published in the 19th national and 8th ISHMT-ASME Heat and Mass Conference held on January 3-5 2008 at JNTUCE KUKATPALLY HYDERABAD.


Mr. J. VENKATA SURESH, Assistant Professor of MECH Dept. (ID-985)


M.Tech (ENERGY SYSTEMS) (JNTU- Hyderabad, 2005)

B.Tech (Mechanical Engineering) (NU - Guntur, 2002)

Experience: 09 years

Research Interest: Heat Transfer, CFD, Heat Pipes

Journal Publications/ Conference Proceedings: 02

National Conference:


International Conference:

Mrs. A. ANITHA LAKSHMI, Assistant Professor of MECH Dept. (ID-944)


Experience: 07 years

Research Interest: Processing of materials

Journal Publications/ Conference Proceedings: 01

International Journal:


Mr. L. KIRAN KUMAR, Assistant Professor of MECH Dept. (ID-1234)


Experience: 06 years

Research Interest: Refrigeration & Air Conditioning, Cryogenics

Journal Publications/ Conference Proceedings: 01

Journal publications:

1. INTERNATIONAL JOURNAL: Paper titled TO EVALUATE THE ENERGY PROFILES OF A UNIVERSITY AIR CONDITIONED BUILDING Published by begell house Inc. (impact factor 0.4)
Mr. D.ESWARAIAH Assistant professor of MECH Dept. (ID-817)


Experience: 5 years

Research Interest: Heat Transfer, CFD

Journal Publications/ Conference Proceedings: 02

International Journal:

1. Mr. D.ESWARAIAH “NUMERICAL INVESTIGATION ON AUGMENTATION OF HEAT TRANSFER IN OIL COOLERS” in International Journal Of Engineering Research And Technology (ISSN: 2278-0181) Volume1 issue7 (September-2012).

International Conference:

1. Mr. D.ESWARAIAH “NUMERICAL INVESTIGATION ON AUGMENTATION OF HEAT TRANSFER IN OIL COOLERS” in International Conference Materials Processing And Characterization 2012.

Mr. K. RATNA BABU Asst Professor of Mech Engg Dept (ID-1095)


Experience: 7 years

Research Interest: Machine Design Analysis

Journal Publications/Conference proceedings: 01

National conference:

1. Mr. K. RATNA BABU Evaluation Of Salt Bath Nitrided Austenitic Stainless Steel Specimens At Low Temperature (MAR 2015), NATIONAL CONFERENCE ON FAST EMERGING ENGINEERING AND TECHNOLOGY, at BIET, HYDERBAD.
Mrs. TANYA BUDDI, Assistant Professor of MECH Dept. (ID-947)


Experience: 03 years

Research Interest: Wood based bio composites

International Journal:

1. “A numerical study on frequency response of a micro cantilever with a nano indenter” International Journal of Nanotechnology and Applications (IJNA) Volume 5, Number 2, pp.139-149, 2011.

International Conference:


Mr. K.SIVA SATYA MOHAN, ASSISTANT PROFESSOR of MECH Dept. (ID-1091)


Experience: 11 years

Research Interest: Heat Transfer, CFD

Journal Publications/ Conference Proceedings: 02 /02

Journal publications:


International publications:


Mrs. SANDURU BHANUTEJA, Assistant Professor of MECH Dept. (ID-1180)

Qualifications: M.Tech: THERMAL ENGINEERING, JNTUK, 2014
B.Tech: Mechanical Engineering, GMRIT, Rajam – 2011

Experience: 03 years

Research Interest: Vortex technology, Heat transfer characteristics

Journal Publications/ Conference Proceedings: 02

International Journals:


Mr. PAGIDIPALLI PRAVEEN  ASST PROFESSOR
OF MECH ENGG Dept. (ID-1351)
Qualification: M.Tech (ADVANCED MANUFACTURING
SYSTEMS) (JNTU-Hyderabad, 2014) B.Tech (Mechanical
Engineering) (JNTU Hyderabad-2011)
Experience: 2+ years
Research Interest: Manufacturing, Automation
RoboticsTechnics in Manufacturing.
Journal Publications/Conference proceedings: 01.
International journal published:
1) International Journal paper Titled “GEOMETRICAL OPTIMIZATION AND
EVALUATION OF ALLOY WHEEL FOR FOUR WHEELER”.
Workshops attended:
1) 2 Days ISTE workshop on AAKASH for education in NOV-2012.
2) 2 Weeks ISTE STTP on ENVIRONMENTAL STUDIES JUN-2015

Mr. M.PRABHU TEJA, Assistant Professor of
MECH Dept. (ID-1342)
B.Tech: Mechanical Engineering, ANU – 2010
Experience: 2 years
Research Interest: Material Sciences, Design
Engineering
Journal Publications/ Conference Proceedings: 01
International Journal:
1. Modelling studies on Al-Mg-Si Alloy – Computational Solid Mechanics
Mr. J.PAVANU SAI, Assistant Professor of MECH Dept. (ID-1343)


Experience: 3 years

Research Interest: Thermal Analysis of Composite materials.

Journal Publications/Conference Proceedings: 1

Journal Publications/International Publications:


M. Damodara Rao (ID-1349) Assistant Professor, Department of Mechanical Engineering.

Qualifications: M. Tech. – Fluids and Thermal Sciences IIT Guwahati, B. Tech. - Mechanical Engineering (JNTU Hyderabad)

Experience: 7 Years

Research Interest: CFD Analysis of Compressible fluids
INTRODUCTION

The management programme (MBA) is the flagship program of the institute; it was instigated in the year 2006, with an intake of 60 and in 2011 the intake was raised to 120. The focus of the MBA curriculum is on developing a learning manager who is able to adapt to the fast changing world around him/her, without losing sight of the underlying values and ethos that drive the world. The curriculum places great emphasis on the ability of the student to bring to bear an integrated view on managerial problems on his/her ability to apply and learn in live situations.

The core strength of the MBA Programme is the extensive coverage in the field of specialization along with exposure to a wide array of quantitative and qualitative analysis tools. These Programmes are aimed at broadening the outlook and strengthening the skills of participating professionals to prepare them for a dynamic and constantly changing work environment. GRIET’s hallmark is its strong focus on strategic thinking, thought leadership and key disciplinary skills necessary to operate in today’s dynamic and challenging global environment. With a culture of academic and practical excellence. GRIET-Department of Management Studies has an excellent infrastructure for academic, sports activities and relaxation. Its state-of-the-art infrastructure serves every conceivable need of the student. Department of management studies offers its students a dual advantage of well-equipped campus of GRIET and the
customized facilities tailored to the needs of the Management students. The GRIET campus includes a main computer center, main auditorium, conference and seminar halls, and canteen.

Teaching methodology at GRIET, in the Department Of Management Studies, include lectures, seminars, business games, simulation exercise, mini-projects and field visits incorporating formal and informal group dynamics. The regular features of the same also include a curriculum, which boasts exhaustive case studies and challenging role-plays, thereby enhancing in depth knowledge in a specific field with excellent communication skills.

The off-campus workshops held by the Department Of Management Studies academia along with compulsory mini projects help the students in gaining insights into the realities of the business world.

**Doctorates in DMS**

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Degree Awarded</th>
<th>No. of Publications (journals/conferences)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. P.B. APPARAO</td>
<td>1986</td>
<td>15</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Y.R.K.Prasad</td>
<td>2012</td>
<td>5/14</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. M.S.R.SeshaGiri</td>
<td>2012</td>
<td>5/15</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. D. Indira</td>
<td>2013</td>
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**Research Projects/FDP’s/Seminar Grants/Sanctioned**

<table>
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<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Title</th>
<th>Name of the Funding Agency</th>
<th>Amount in Lakhs</th>
<th>Year</th>
</tr>
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<tbody>
<tr>
<td>1.</td>
<td>Dr. D. Masthan</td>
<td>National Seminar on Developing Research Skills in Management Scholars</td>
<td>AICTE</td>
<td>75,000</td>
<td>2009</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. P B AppaRao</td>
<td>SDP on Developing Research Skills in Management Scholars</td>
<td>AICTE</td>
<td>7,00,000</td>
<td>2012</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. Y. Rama Krishna Prasad</td>
<td>International Conference on Consumer Dynamics and Marketing Strategies in a Globalized Economic Era</td>
<td>AICTE</td>
<td>2,00,000</td>
<td>2013</td>
</tr>
</tbody>
</table>
FACULTY AND THEIR PUBLICATIONS:

Babujee Apparao Punaty, Professor (ID-902)


Experience: 45 years; 5 Months


1. Details of Research Work Done
   a) Ph. D.: “Personnel Problems in Small Scale Industry with Particular Reference to Kurnool District”.
   b) Research Studies:
      i. Absenteeism – A Study
      ii. Entrepreneurial Development Programme

Research Projects:
   a) Principal Investigator of a minor research project sanctioned by the UGC entitled “Personnel Problems in Small Scale Industry”.
   b) Associated with a Major Research Project Sanctioned by the ICSSR entitled “Nature and Extent of Absenteeism in Small Scale Industry” in the capacity of Joint Director.
   c) Associated with the NIBM All India Research Project on Savings and Deposit Patterns in the capacity of Field Controller.
   d) Associated with a Major Research Project Sanctioned by the Government of India entitled “Leadership among Tribals” in the capacity of Assistant Director.
   e) Principal Investigator of a Major Research Project sanctioned by the UGC, entitled “Small Scale Industrial Entrepreneurship in Rayalaseema”.
   f) Principal Investigator of a Major Research Project, sanctioned by the UGC, entitled “Management of Poverty Alleviation Programmes”.

Books Published: 8

1. Consumer Dynamics and Marketing Strategies in a Globalized Economic Era _ Perspectives and Challenges, Collection of Articles, (Co-Editor), Published by Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad. ISBN 978-81-928677-0-0
2. Social Welfare and Inclusive Growth and Development with Special Reference to India, Book of Readings, (Co-Editor), Published by Sri Ramakrishna P.G.College, Nandyal, 2012.


Journal publications/conference Proceedings


34. “Silver Jubilee Government College Admissions – A Perusal” and “An Educational Experiment, Which does not click,” were published in the Silver Jubilee Government College Magazine in two different Numbers.
35. A Paper entitled “NCC and Adventure Training” presented at Seminar organized by 28(A) BN NCC in November, 1984 was published in 37th *Anniversary Souvenir*; National Cadet Corps, NCC Directorate, A. P.
Chapters Contributed

1. Member of Course Design and Preparation Team, Dr. B. R. Ambedkar Open University, Hyderabad and contributed a chapter MBA –14 Project Evaluation & Management.


4. Contributed two lessons relating to Cost and Management Accounting for M.Com., students of Centre for Distance Education, S.K.University.

5. Contributed two lessons Human Resource Management to M.Com. Students of Centre for Distance Education, S.K.University, Anantapur.

6. Contributed a lesson on Regional Rural Banks, to B.Com. Students of Dr. B.R.Ambedkar University, Hyderabad.

7. Contributed five units on Organisation Theory and Behaviour to M.Com. students of Dr. B.R.Ambedkar Open University, Hyderabad.

8. Contributed five lessons on Organisation Theory and Behaviour to M.B.A. students of Karnataka State Open University, Mysore.


Research Guidance

Ph. Ds Awarded – 12; Under Progress -1.

1. “Performance Evaluation of the Programmes of District Scheduled Castes Cooperative Society” May 2011


3. “A Study on Quality of Work Life and Employee Commitment in SCCL” – 2008


5. “Child Labour in Urban Informal Sector” – August 2007


M. Phils Awarded - 12

1. A Study of Fund Selection Behaviour of Individual Investors Towards Mutual Funds with Reference to Mumbai City (Submitted to the Department of Commerce, Directorate of Distance Education, Madurai Kamaraj University, Madurai), February, 2005.


IRPM Dissertations: 3


Dr. K V S Raju, Professor(ID 432)

Qualifications : Ph.D (Management) - JNTUH- Hyderabad,

Experience: 35 years

Dr. K V S Raju is a post graduate in Physics and Business Administration. He served Bank of Baroda in various capacities and worked in many departments of the Bank. He had experience in Cash Management, Credit Management, Recoveries, Planning, Asset Liability Management and Information Technology and Data Base Management. At the time of his resignation he was Sr. Manager Information Technology at the regional office of the Bank. During his tenure he computerized 15 branches. After Serving Bank of Baroda for 20 years he has opted for VRS in 2001 and joined Godavari Institute of Engineering and Technology, Rajahmundry in 2001 as Administrative Officer and Associate Professor. He was actively associated with setting up of a medical college at Amalapuram and 3 Engineering colleges at Rajahmundry, Kakinada and Visakhapatnam, 1 Pharmacy and 1 MCA College Rajahmundry.

He joined GRIET as senior Admin Officer in Nov 2005 and was looking after the institutes set by the Gokaraju Rangaraju Educational Society. He was closely associated with introducing the MBA course in GRIET and was actively associated with Ganges Valley School. He was HOD of the MBA Dept. from 2009 to Jun 2013. His teaching interests include Managerial Economics and financial analysis and Management Science for B Tech. Management information systems and Organization structure and personnel management for MCA. He taught subjects like HRM, Entrepreneurship and good governance, Management of Change, Financial derivatives, Financial Institutions and Markets, Banking insurance Management, Research Methodology and Organizational Behavior. He received Ph.D from JNTUH on Leadership development in Banking.
Journal publications


Conference Proceedings

1. Presented research paper titled “META Analysis on Leadership Development Practices” in International Conference on Leadership Development Practices, held on October 2012 at College of Business Administration, King Saudi University, Riyadh.


Dr. Y. RAMA KRISHNA PRASAD,
Professor & Head of the Department (ID-465)


Experience: 15 years

Research interest: Retailing; Consumer Behaviour; Customer Satisfaction and Loyalty; Customer Loyalty Programmes; Management and Organization Behavior, Marketing Management, Human Resource Management (Leadership Development, Performance Mgt.)

Journal Publications/Conference Proceedings: 15

Books published: 1

Journal publications: 2

International publications: 5


Impact Factor -2013: 5.071.


3. Dr. Y. Rama Krishna Prasad (2013), “The effect of retail format attributes on retail format choice, consumers’ patronage behaviour in food and grocery retailing in India – A Study,” South Asian Journal of Marketing & Management Research (ISSN:2249-877X), Vol.3 – Issue: 8, PP. 126-149. Index Copernicus (ICV) - 5.05; ISRA - 2.015; GIF - 0.50


5. Dr. Y. Rama Krishna Prasad (2012), “A study on attributes influencing the purchasing behaviour of apparel consumers in organized outlets” African

RESEARCH PAPER PRESENTATIONS (INTERNATIONAL CONFERENCES/NATIONAL SEMINARS)

Presented research paper titled “Effectiveness of Training and Development in the current economic era” in an International Conference on Recent Trends in Training & Development held on 6-7 February, 2014 organized by School of Management Studies, JNTUH, Hyderabad.


5. Presented research paper titled “Effect of grocery loyalty programs on customer emotional loyalty in emerging retail markets: An empirical analysis” in International Conference in Marketing on Shaping the Future of Research in Marketing in Emerging Economies, held on 12-14 Jan 2012 at Indian Institute of Management Lucknow (IIML), Noida Campus, New Delhi in India.

7. Presented research paper titled “Impact of Green Marketing strategies on business performance and customer satisfaction” in National seminar on Green Management held on 02 Apr 2011 at Hyderabad Business School, GITAM University, Hyderabad, India.


11. Presented research paper titled “Price Promotion as Retail Strategy in an Uncertain Economic Era with Reference to Food and Grocery Retail in India” National Seminar on Managing in an uncertain Economic era - Embracing Change in a Service Economy held on 5-7 Nov, 2009 at School of Management Studies, Central University, Hyderabad, A.P, India.


13. Participated in the International Conference on Retailing in the Globalised era-Perspectives & Challenges, held on 10-12 Jan 2008 at School of Management Studies, Central University, Hyderabad, A.P, India.

Events Organized - International Conferences / National Seminars, SDP, Research, Consultancy


2. Organized (Acted as Co-Convener for) the AICTE Sponsored Staff Development Programme on Developing Research Skills in Management Scholars from 02-16 May 2012, GRIET, Hyderabad.


Dr.M.S.R.Sesha Giri, Professor (ID-962)

Qualifications: PhD (Commerce and Management) (Andhra University, Visakhapatnam), M.B.A (Andhra University, Visakhapatnam).

Experience: 18 years teaching and 2 Years Industrial.

Journal Publications/Conference Proceedings: 15

Books published: 2

Research interest: General Management/HR, Marketing Management, Operations management.

Journal publications:

International Publications


5. “Balanced score card A tool for effective Governance” paper accepted for publication in BIFT Journal of International Management and Research, ISSN: 0975-1378.(1st Author)


National Journals


Book Publications


S.RAVINDRA CHARY,
Associate Professor (ID-622)

Qualifications: MBA (Osmania University, 1996), MHRM (Acharya Nagarjuna University, Guntur, 2010), B.Sc (Osmania University, 1994).

Experience: 15 years

Conference Proceedings: 1


Conference Proceedings:

International Conferences:


K.K Sunil Kumar, Associate Professor (ID-176)

Qualifications: (Ph.D) (Management) (Acharya Nagarjuna University, Guntur), M.B.A (Osmania University, 1998, Hyderabad) PGDCA (JNTUH, Hyderabad 1996), B.Sc. (MPC), Osmania University, Hyderabad (1994).

Experience: 16 years

Journal Publications/Conference Proceedings: 4


Journal publications:

International Publications


Conference proceedings

International Conferences:

1. (K K Sunil Kumar) Presented a paper in the International Conference in Advanced Computing Methodologies” ICACM, organized by Department of IT, GRIET, Hyderabad.


3. Presented a paper in the AICTE Sponsored 2 day International Conference on “consumer dynamics and Marketing strategies in the globalized economic era-Perspectives and Challenges” during 29th and 30th of October 2013, organized by Department of Management studies, GRIET, Hyderabad.

4. Presented a paper on the “Organised Retailing” in the AICTE Sponsored 2 day International Conference on “consumer dynamics and Marketing strategies in the globalized economic era-Perspectives and Challenges” during 29th and 30th of October 2013, organized by Department of Management studies, GRIET, Hyderabad.

National Conferences:


Dr. D.Indira, AssociateProfessor (ID-270)

Qualifications : Ph.D (Business Management,2013) (Ambedkar University, Hyderabad), M.Phil in Business Management(2010), (Ambedkar University, Hyderabad), M.B.A (Andhra University, 1997).

Experience : 16 years

JournalPublications/Conference Proceedings : 9
Research Interest: ENTREPRENEURSHIP, CORPORATE FINANCE, MACRO AND MICRO ECONOMICS, INTERNATIONAL FINANCE, SECURITY ANALYSIS AND FINANCIAL MARKETS

Consultancy works done for companies: 1

Note: Worked as a Research Associate for the project titled "A study on the Macro Economic Analysis of the Cement Industry," funded by Maha Cements through the college, Sister Nivedita college of P.G studies, LakdiKa Pool, Hyderabad under the guidance and project director Prof. Diwakar Rao, Ex Head of Department of Economics, University of Hyderabad.

Publications list:
4. ‘Financial Inclusion in India’ conference proceedings, 2008
6. CAS: Pandora’s Box?, pp 17-23, Advertising Express, ISSN 0972-5326, 2003

Conference proceedings:

International Conferences:

National Conferences:

K. SURYA NARAYANA, Associate Professor, (ID-620)

Qualifications: (Ph.D) (Management) (Kakatiya University, Warangal), M.B.A (IGNOU, 1996) M.Sc (Garhwal University, U.P, 1984) B.Sc (Andhra University, 1982)

Experience: 29 years (18 years Industrial, 11 years Teaching)

Journal Publications: 6

Research interest: Operations Management; Production and Operations Management; Management Informations Systems, Performance Management, Strategic Management, Logistics and Supply Chain Management, Management of Industrial Relations.

Journal Publications:

National Publications:
2. K. Surya Narayana, “SEZ Approval Mechanism Department of Commerce and Business Management, Lal Bahadur College, Kakatiya University, Warangal
6. Presented Paper “Customer Perception on Banking Services in Hyderabad” at one day national conference on “Managing business in changing economic scenario” held at AURORA PG College on 26th March, 2015

International Publications:


**Y. Gayathri, Assistant Professor**

Qualifications: MCom Ph.D (pursuing in centre for economics and social studies), MPhil (Madurai Kamaraju University), M.B.A (JNTUH, 2012)

Experience: 13 years (18 years Industrial, 11 years teaching)

Research interest: Financial Accounting and Analysis, Micro finance, Macro and micro economics, Cost and management accounting,

National Publications:

1. “SEZ Approval mechanism” Department of commerce and business management, Lal Bahadur College, Kakatiya University Warangal.

2. “Financial Sector Reforms in India” Department of commerce and business management, Lal Bahadur College, Kakatiya University Warangal.

**Roopa Dhirendra, Assistant Professor**

Qualifications: M.B.A (Gulbarga University, Gulbarga Karnataka)

Experience: 6 years (1 years Industrial, 5 years teaching)


Conferences:

International Conference:

National Conference:

1. Presented paper on “promotional strategies to achieve Education Institution Goals through online social media networking with special reference to VTU Engineering Colleges of Bangalore”: A Conceptual perspective held on 29th May 2014 in K.S. College Bangalore.

Mr. K. Venkateswara Raju
Assistant Professor

Qualifications: (PhD) (Management @ KL University), MBA (ICFAI University, 2010, Hyderabad), B. Pharmacy (Andhra University)

Experience: 6 Years (Teaching) and 2 Years (Industry)

Journal Publications/Conference Proceedings: 5

Research Interest: Marketing Management, Human Resource Management, Retail Sector, Services Marketing, Consumer Behavior, Brands

Journal Publications:

1. K. Venkateswara Raju, ELK Asia Pacific Journal of Marketing and Retail Management PERCEPTION OF UNORGANIZED RETAILERS TOWARDS B2B WHOLESALERS -METRO AND BEST PRICE, Volume 5 Issue 1, January (2014), ISSN 0976-7193 (Print) ISSN 2349-2317 (Online), Impact Factor : 1.5 (JIF)


6. K. Venkateswara Raju, MAIMT - Journal of IT & Management, AN OVERVIEW OF BRAND LOYALTY AND ITS IMPACT ON PURCHASE DECISION MAKING WITH
REFERENCE TO SAMSUNG ELECTRONICS CUSTOMERS, Vol.8,Issue 1,October 2014, ISSN:0974-066X.


9. K.Venkateswara Raju, MANAGEMENT INSIGHT-SMS VARANASI, CONSUMER AWARENESS AND PERCEPTION OF WOMEN TOWARDS LAKME PRODUCTS IN ANDHRA PRADESH, Vol-10,Issue-2; Decemeber-2014, ISSN:0973-936X.

10. K.Venkateswara Raju, MERI- Journal of management and IT, BRAND SWITCHING AND CONSUMER PREFERENCES TOWARDS SOFT DRINKS IN ANDHRA PRADESH, Vol-8 Issue 2,October 2014, ISSN: 0974-2093,


Conference Proceedings:

INTRODUCTION

Department of Master of computer Application was established in the year 2001. It conducts MCA Programme. The Department has several well-equipped laboratories namely; Object oriented programming Lab, DBMS & Data Warehousing Lab and Research Lab. The Department has been accredited by NBA from 04.05.2007. The Primary emphasis in MCA is on development of application software in diverse areas rather than designing computer hardware and systems software which is of interest to engineering stream in computer education.

Doctorates in MCA

<table>
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<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Degree Awarded</th>
<th>No. of Publications (journals/conferences)</th>
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<tr>
<td>1</td>
<td>Dr. Sk Altaf Hussain Basha</td>
<td>2013</td>
<td>24</td>
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</table>
Dr. Sk Altaf Hussain Basha, Professor and Head of Department of MCA (ID-634)

Qualifications:
- Ph.D (Computer Science and Engineering) (ANU, Guntur, 2013),
- M.Tech (Computer Science and Engineering) (JNTU, Hyderabad, 2008),
- M.Sc (Computer Science) (ANU, Guntur, 1999),
- AMIE, Institute of Engineers, Kolkata, India, 2015

Experience: 15 years (Teaching), 1 Year (Industry)

Research Interest: Data Mining and Data warehousing, Data Base Management, Information Retrieval System, Educational Data Mining

No. of Journal Publications/Conference Proceeding: 24

No. of Books Published: 1


Certifications/Awards: Received Pratibha Puraskaralu (Merit Award) -2013 from The Guntur Co-operative Urban Bank on 24th November 2013 at Guntur

No. of Times Invited for Guest lecturers: 8

Journal Publications

International Publications:


Conference Proceedings

International Conferences:


National conferences:


Accepted Papers (In Print / Communicated to Publishers):

1. Sk Althaf Hussain Basha, A. Govardhan, Y.R. Ramesh Kumar “Comparison of different Data Mining Techniques in Prediction- A Case Study on Educational Data”, IJDEM Journal (Accepted/Communicated to Publisher).

2. Sk Althaf Hussain Basha, D Sri Kanth Reddy, “Evaluation of Student Performance with Data Mining: An Application of Classification Algorithms, IJAC Publications, 2015. (Accepted and Communicated to Publisher)

Citations-Publications:

2. K. Javubar Sathick, A. Jaya, “Extraction of Actionable Knowledge to Predict Students’ Academic Performance using Data Mining Technique- An Experimental Study”, International Journal of Knowledge Based Computer System, Volume 1 Issue 1 June 2013, ISSN Number: 2321-5623


4. Alaa Althubaiti, Mohammad Alkhazim, “Medical Colleges in Saudi Arabia: Can We Predict Graduate Numbers?”, Journal of Higher Education Studies(Canadian Center of Science and Education), Vol. 4, No. 3;pp.1-8, 2014,ISSN 1925-4741 E-ISSN 1925-475X.


7. Saxena Prashant Sahai, Data Mining Techniques with Special Reference to Applications in Higher Education in Indian Perspective, INROADS- An International Journal of Jaipur National University, Volume : 2, Issue : 1, pp.26-31,2013


Ongoing Projects/Consultancies (UGC Grant Project) Accepted and Communicated:

Project Title: Study of Education Patterns in Rural and Urban India Using Association Rule Mining

Agency: UGC

Reference:

a) F.No:4-4/2013-14(MRP-SEM/UGC-SERO dated 17-03-2014, Proposal Number: 808

b) No.F MRP-4585/14(SERO/UGC) March 2014 UGC Minor Research Project Duration: 2 years, Cost: Rs. 1, 29,000/-

Y. Sri Lalitha, Associate Professor, Department of MCA (ID-112)
Qualification: M.Tech (CSE) (JNTU, Hyderabad, 2001),
Experience: 17 Years
Research Interest: Data Mining, Algorithms
No. of Journal Publications/Conference Proceedings: 9
Books published: 1


International publications:


Conference Proceedings

International Conferences:


National conferences:

N V Ganpathi Raju, Associate Professor


Experience: 13 Years (ID-118)

Area of research interest: Information Retrieval Systems and Language Technologies

Journal Publications/ Conference Proceedings: 3

Books Published: 02 (Hi-Tech Publishers) on Software Engineering & Java Programming

Certifications: - Oracle Certified J2SE 6, Oracle Certified J2EE 5 programmer.

Journal publications

International publications:


Conference Proceedings

International Conferences:

V Anand, Assistant Professor (ID-911)

Qualification: MCA (Periyar University 2004)

Experience: 10 Years

Area of research interest: Linux, C Programming, Data Structures, Soft skills

No. of Books published: 6

1. Reasoning and Numerical Ability for GATE, CENGAGE learning, 2012
2. GATE Mentor 2016: Civil Engineering (With CD) Paperback – Jun 2015 by S. Anbu Kumar (Author), M. Ashok Kumar (Author), Santhosh Kumar Sengar (Author), V. Anand (Author)
3. GATE MENTOR 2016: Computer Science and Information Technology, by S. Anbu Kumar (Author), M. Ashok Kumar (Author), Santhosh Kumar Sengar (Author), V. Anand (Author)
4. GATE MENTOR 2016: Electrical Engineering, by S. Anbu Kumar (Author), M. Ashok Kumar (Author), Santhosh Kumar Sengar (Author), V. Anand (Author)
5. GATE MENTOR 2016: Electronics and Communication Engineering, by S. Anbu Kumar (Author), M. Ashok Kumar (Author), Santhosh Kumar Sengar (Author), V. Anand (Author)
6. GATE MENTOR 2016: Mechanical Engineering, by S. Anbu Kumar (Author), M. Ashok Kumar (Author), Santhosh Kumar Sengar (Author), V. Anand (Author)

Journal Publications/ Conference Proceedings: 2

Conference Proceedings

International Conferences:


Donapati Srikanth, Assistant Professor. (ID-991)

Qualifications: M.Tech (Computer Science and Engineering) (JNTUH 2011), MCA (OU Hyderabad-2009),

Experience: 4 (2 years teaching +2 years IT industry)

Research interest: Data Mining, Middleware like EAI

Conference Proceedings

International Conferences:


Mr. C.N.V.B.R. Sri Gowrinath, Assistant Professor, Dept. of MCA (ID-1098)


Experience: 6 years

Research interest: Data Structures, Software Engineering.

Certifications: Java Standard Edition 5 Programmer Certified Professional Exam

Conference Proceedings

International conferences:

Ch Veeranjaneyulu, Assistant Professor (ID-1090)

Qualification: MCA, M.Tech(JNTUH2013)
Experience: 5 years
Research Interest: Databases
Journal publications/conference proceedings: 1

Conference Proceedings

International conferences:

Srishuka M, Asst. Professor (Id-1042)

Qualification: MCA (JNTUH, 2012)
Experience : 2 years
Research Interest: Cryptography, Cyber Forensics, Material Science Simulations
Journal Publications/Conference Proceedings: 1

Conference Proceedings

International Conferences: