
RESEARCH PROFILE

2013-2014



GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY

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INSTITUTE OF ENGINEERING AND TECHNOLOGY

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PREFACE

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 250 research publications in reviewed journals and conference proceedings, 11 books, Research Projects/Seminar Grants/Faculty Development Programmes worth over Rs.243.06 lakhs and industrial consultancy to the tune of over Rs. 20 lakhs. The Institute currently publishes four highly acclaimed International Journals and has organized International and National Conferences and 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 programmes.

The present booklet entitled "Research Profile" 2013-14 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. It is hoped that readers of this booklet will find it to be a useful source of information for possible collaboration with GRIET.

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DEPARTMENT OF BIO MEDICAL ENGINEERING

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

S.No	Name of the Faculty	Title	Name of the Funding Agency	Amount in Lakhs	Year
1	T. Padma	MODROBS	AICTE	14.5	2013

FACULTY AND THEIR PUBLICATIONS



Mrs. T. Padma

Associate Professor of BME; Coordinator, FDP; Secretary, AAC

Qualifications : PhD(ECE) (Pursuing) From JNTU, M.E(Medical Electronics) From Anna University in 1997 B-Tech (ECE) From RECW in 1993

Experience: 18 years

Research Interest: ECG Signal Processing Journal Publications/ Conference

Proceedings: 11 Journal publications (year wise descending order)

International publications: 2

1. Padma T, Madhavi Latha M, Abrar Ahmed, "ECG Compression and Lab View Implementation", Journal of Biomedical Sciences and Engineering Scientific Research USA, 2009, 2, 177-183
2. Padma T, Madhavi Latha M, "Compression Techniques for ECG Transmission", Medical Journal of DY Patil University Kolhapur, 2009, 2, 85-91

Conference Proceedings

International Conferences:

1. T. Padma, P. Manju Bhargavi, S. Bhargavi, K. Satish Kumar, "Image data compression using DWT and Bit plane slicing for Space applications", International Conference on Recent Advances in Design, Development and Operation of Micro Air Vehicles (IC-RAMAV-2013), JNTU, Hyderabad, ISBN: 9789351071693, Pg. 167-169, Elsevier Publications
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.
3. T.Padma, Satish Kumar Kotha, "Application of DCT Technique for compression of Supra Ventricular Arrhythmia Signals" for 2nd International Conference on Biomedical Engineering and Assistive Technologies (BEATS 2012), National Institute of Technology, Jalandhar, INDIA.
4. Padma T, Madhavi Latha M, Jaya Kumar K, Balaji B, "Designing a Low Power



Sigma Delta Modulator and HRV Analysis for ECG System", International Conference on Advanced Computing Techniques, GRIET, Hyderabad, 2008, 939-944

5. Padma T, Madhavi Latha M, Jaya Kumar K, "Decision Making Algorithm Through LVQ Neural Network for ECG Arrhythmias", International Conference of Biomedical Engineering, International Federation for Medical and Biological Engineering Springer Link Singapore, 2008, 85-91
6. Padma T, Madhavi Latha M, Jaya Kumar K, "Compression Techniques for ECG Transmission", International Conference of Biomedical Engineering & Nanotechnology, DY Patil University Kolhapur, 2008
7. Padma T, Madhavi Latha M, "PC Based Wireless ECG Monitoring System", Spring 2006 Faculty Student Multidiscipline International Conference on Research and Teaching, OOI Consortium for Teaching, Research, Learning and Development USA, 2006, 25-29

National conferences:

1. T. Padma, Satish Kumar Kotha, "Discrete Cosine Transform for ECG Compression", 44th Mid-Term Symposium on ICT in Space, Defense and Industrial Applications, IETE Hyderabad, 2013.
2. T. Padma, Satish Kumar Kotha, " DCT compression on Malignant Ventricular Arrhythmia signals" PIC-2012, IETE Pallakad, conference proceedings pg 150-154



Mr. Satish Kumar Kotha

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
Journal Publications/Conference Proceedings: 5
Conference proceedings (year wise descending order)

International Conferences:

1. K. Satish Kumar, T. Padma, P. Manju Bhargavi, S. Bhargavi, "Image data compression using DWT and Bit plane slicing for Space applications", International Conference on Recent Advances in Design, Development and Operation of Micro Air Vehicles (IC-RAMAV-2013), JNTU, Hyderabad, ISBN: 9789351071693, Pg. 167-169, Elsevier Publications
2. Satish Kumar Kotha, T. Padma, "Application of DCT Technique for compression of Supra Ventricular Arrhythmia Signals" for 2nd International Conference on Biomedical Engineering and Assistive Technologies (BEATS 2012), National Institute of Technology, Jalandhar, INDIA.
3. Satish Kumar Kotha, T. Padma, "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.

National conferences:

1. T. Padma, Satish Kumar Kotha, "Discrete Cosine Transform for ECG Compression", 44th Mid-Term Symposium on ICT in Space, Defense and Industrial Applications, IETE Hyderabad, 2013.
2. T.Padma, Satish Kumar Kotha, " DCT compression on Malignant Ventricular Arrhythmia signals" PIC-2012, IETE Pallakad, conference proceedings pg 150-154



Mrs. Bhargavi Sundara

Assistant Professor, Dept. of BME

Qualifications: M. Tech (Embedded Systems) (JNTU - 2013),
B.Tech (Biomedical Engineering) (JNTU, Hyderabad - 2009).

Experience: 4 Years

Research interest: Rehabilitation Engineering, Biomaterials Journal

Publications/Conference Proceedings: 2

International Journal publications:

1. Bhargavi Sundara, Dr. Kalyana Chakravarthi Sarvepalli, Sri Harsha Davuluri, "GSM based Patient Monitoring System in NICU", International Journal of Research in Engineering and Technology, eISSN: 2319-1163|pISSN: 2321-7308, Volume 02 Issue 07, Jul 2013, Pg. 120-123

Conference Proceedings

International Conferences:

1. S. Bhargavi, K. Satish Kumar, T. Padma, P. Manju Bhargavi, "Image data compression using DWT and Bit plane slicing for Space applications", International Conference on Recent Advances in Design, Development and Operation of Micro Air Vehicles (IC-RAMAV-2013), JNTU, Hyderabad, ISBN9789351071693, Pg. 167-169, Elsevier Publications



Mr. A.V. Sandeep Reddy

Assistant Professor, Dept. of BME

Qualifications: M. Tech (Biomedical Signal Processing and Instrumentation) (VTU - 2011), B.Tech (Electronics, Instrumentation and Control Engineering) (SVU - 2009).

Experience: 2 Years

Research interest: Bio-Transducers and Applications

Journal Publications/Conference Proceedings: 1

International Journal publications:

1. Sandeep Reddy A.V, "Analysis on Parameters affecting sleep apnea and control measures using low cost PAP machine" IJRET, Vol-1,issue-1, pg 63 - 77,ISSN:2319-1163.



2. Sandeep Reddy A.V, M.Prem Kumar, Abid Hussain Zaidi, "Dual-Purpose blind Navigation Box", TITCON-14, AVS Engineering College, Salem, 2014.
3. Sandeep Reddy A.V, M.Prem Kumar, Abid Hussain Zaidi, "Dual-Purpose blind Navigation Box", IJRET, Vol-3, pg 359-362, eISSN:2319-1163,p ISSN:2321-7308, May-2014.



Ms. P. Manju Bhargavi

Assistant Professor, Dept. of BME

Qualifications: M. Tech (Embedded Systems) (JNTU - 2011), B.Tech (Biomedical Engineering) (JNTU - 2006).

Experience: 8 Years

Research interest: Biomedical Signal Processing

Journal Publications/Conference Proceedings: 2

International Conference proceedings:

1. S. Bhargavi, K. Satish Kumar, T. Padma, P. Manju Bhargavi, "Image data compression using DWT and Bit plane slicing for Space applications", International Conference on Recent Advances in Design, Development and Operation of Micro Air Vehicles (IC-RAMAV-2013), JNTU, Hyderabad, ISBN: 9789351071693, Pg. 167-169, Elsevier Publications
2. M.Prem kumar, P.Manju Bhargavi, K.Madhavi, "A Wireless biomedical equipment for health monitoring" 14th International Conference, CONIAPS XIV, SVNIT, SURAT, Gujarat, 2011.



Mr. M. Prem Kumar

Assistant Professor, Dept. of BME

Qualifications: M. Tech (Embedded Systems) (JNTU 2012), B.Tech (Biomedical Engineering) (JNTU - 2006).

Experience: 6 Years

Research interest: Bio-Instrumentation

Journal Publications/Conference Proceedings: 1

International Conference proceedings:

1. M.Prem kumar, P.Manju Bhargavi, K.Madhavi, "A Wireless biomedical equipment for health monitoring" 14th International Conference, CONIAPS XIV, SVNIT, SURAT, Gujarat, 2011.



Mrs. B. Saritha

Assistant Professor, Dept. of BME

Qualifications: M. Tech (Embedded Systems) (JNTU - 2013),
B.Tech (Biomedical Engineering) (JNTU - 2006).

Experience: 6 Years

Research interest: Bio-Instrumentation

Journal Publications/Conference Proceedings: 1

International Conference proceedings:

1. 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.

Department of Bio Technology

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 man power 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



WorkingModel" 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 is 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 9 faculties out of which 4 are Doctorates and 5 are pursuing PhD's. The department has organized two International conferences and many workshops.

Achievements of the Department:

- National Level Recognition - BioSrujana.
- National Level Recognition - Department is rated among top 20 and lately upgraded to top 12 colleges of India by Bio Spectrum Journal
- Department won 'Best working model' award for designing lab scale prototype bioreactor in a state level model exhibition called Srujana organized by O.U. ABVP in 2006.
- Department is rated among top 20 BT schools of India by a leading magazine 'Biospectrum' consecutively in 2008, 2009 and 2010.
- Department is accredited by NBA for 2008-2011.
- Dr. D. Sailaja, Professor & Head, Dept of BT filed 4 patents, 2 published, 1 awarded.
- Dr. K. Krishnamraju received Young Scientist Award.
- Faculty of BT published 12 research papers in 2013

Doctorates in BT

S.No	Name of the Faculty	Degree Awarded	No. of Publications (journals/conferences)
1	Dr.N.Sunil (HOD)	1993	7
2	Dr.D. Sailaja	1995	25
3	Dr. K. Pavani	1997	21
4	Dr.K. KrishnamRaju	2008	6



Research Projects/FDP's/Seminar Grants/Sanctioned

S.No	Name of the Faculty	Title	Name of the Funding Agency	Amount in Lakhs	Year
1	Dr. K. KrishnamRaju	R&D Project	DST/SERB	22	2012
2	Dr D Sailaja	Seminar grant	AICTE	2	2008

Resource Mobilization for Research(TEQIP-II)

S.No	Name of the Faculty	Title	Name of the Funding Agency	Amount in Lakhs	Year
1	Dr.D .Sailaja	Industry Interaction Programme conducted by Dr. Reddy's Labs in collaboration with CII.PrashanthGudate, Head, QC, Dr. Reddy's Labs, Hyderabad	TEQIP -II	20,000	2013
2	Dr.D .Sailaja	Faculty Development Programme (FDP) on Microbial & MolecularTechniques Dr. K. Thomas Kiran, NitzaBiologicals	TEQIP -II	50,000	2013
3	Dr.D .Sailaja	Faculty Development Programme(FDP) on Gene Cloning Dr. V. MadhavRao, NitzaBiologicals	TEQIP -II	50,000	2013

FACULTY AND THEIR PUBLICATIONS



Dr./Mr/ Mrs/ Ms. Dr. K.V.Pavani

Associate Professor

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

Experience: 18 years

Research Interest: Nano biotechnology, Environmental Biotechnology

Journal publications/Conference proceedings:25

International publications:

1. K.V.Pavani, Gayathamma , K., N. Sunil Kumar. Optimization of culture conditions affecting Carboxy methyl cellulase production by *Aspergillus* species. *World Journal of Agriculture Research*. Vol. 1, No. 4, pp. 65-69, 2013.
2. K.V.Pavani, N.Sunil Kumar. Adsorption of iron and synthesis of iron nanoparticles by *Aspergillus* KVP- 12.. *American Journal of Nanomaterials*, Vol. 1, No.2, pp.5-8, 2013.
3. K.V.Pavani, N.Srujana, G.Preethi, T.Swathi. Synthesis of copper nanoparticles by *Aspergillus* species. *Letters in Applied NanoBioscience*, Vol.2, Issue.2, pp.110-113, 2013.
4. Gayathamma K., K.V.Pavani, Aparajitha Banerjee, Shah Suresh. Silver nanoparticles synthesis using extracts of *Clitorea ternatea* flowers. *International Journal of Current Research* Vol. 5, Issue, 04, pp.848-850, April, 2013.
5. K.V.Pavani, Gayathamma, K., Aparajitha Banerjee, Shah Suresh. Phytosynthesis of silver nanoparticles using extracts of *Ipomea indica* flowers. *American journal of nanomaterials*, Vol. 1, No.1, pp.5-8, 2013.
6. K.V.Pavani, T.Swathi, V.snehika, K.sravya , M. sirisha. Phytofabrication of lead nanoparticles using grape skin extract. *International journal of engineering science and technology*. Vol.4, No.7, pp.3379-3383, July (2012)
7. K.V.Pavani, Gayathamma K, N.Sunil Kumar. Plants as ecofriendly nanofactories –A review. *Journal of Bionanoscience*, Vol.6, pp.1-6, 2012.
8. Gayathamma K., K.V.Pavani, Raji, R. Chemical constituents and antimicrobial activities of certain plant parts of *Sauropus androgynus* L. *International journal of pharma and Biosciences*. Vol 3/Issue 2/April June 2012.



9. K.V.Pavani, N.Sunil Kumar, B.B.Sangameswaran. Synthesis of lead nanoparticles by *Aspergillus* species. Polish journal of Microbiology. Vol.61, No.1, pp-61-63, (2012).
10. K.V.Pavani, K.Kalia, Gayathamma, K. Iron accumulation by *Bacillus circulans*. Asian journal of Microbiol. Biotech. Env. Sci. Vol. 13, No.2, pp-85-88, (2011).
11. K.V.Pavani, Gayathamma, K. Bioaccumulation of manganese by *Bacillus circulans* from aqueous solutions. Journal of Environmental Research and Development. Vol.5, No.4, pp.933-938, (2011).
12. K.V. Pavani, K. Balakrishna and Nagarjuna Reddy Cheemarla. Biosynthesis of Zinc Nanoparticles by *Aspergillus* species. International journal of Nanotechnology and Applications. Vol.5, No.1, pp.27-36, (2011).
13. K.V.Pavani, K.Kalia, Gayathamma, K. Influence of manganese on iron accumulation by *Bacillus circulans*. International journal of engineering science and technology. Vol.3, No.3, pp.2530-2535, March (2011).
14. K.KiranKalia, K.V.Pavan, Jagdish Patel and Prernapatel. Cell envelop protein induction in *Bacillus Coagulans* by accumulation of Lead and Cadmium. Asian Journal of Microbiology, Biotechnology and Environmental science. Vol.5, No(4) 529-532 (2003).

National publications

1. K.V. Pavani, V. Divya, I. Veena, M. Sravanthi, D. Chandana, B. Pooja Naidu, K.Sanjana Biochemical Responses of *Cicer arietinum* Seedlings to Zinc And Bioengineered Zinc Nanoparticles Stress. Helix Vol. 1:483- 486 (2014).
2. K.V.Pavani, N.Sunil Kumar, E.Saranya, I.Sravya and P.Jaswitha. Submerged fermentation of corn waste for production of Carboxy methyl cellulase from *Aspergillus* species. Journal of Biochemistry and Biotechnology, Vol.4 No.2, pp.80-86 June 2013.
3. S Vishnupriya, ChHemaBindu, A Sandhya, K. V. Pavani, N.Sunil Kumar .Role of GSTM1 and T1 polymorphism in the development of Myopia. The IUP journal of Biotechnology. Vol.V, No.2, (2011).
4. ChHemaBindu, ASandhya, K. V. Pavani and S Vishnupriya. Substantial risk factor of GSTP gene polymorphism with Myopia .The IUP journal of genetics and evolution. Vol.4 ,No.1, pp.20-26, (2011)
5. K.KiranKalia, K.V.Pavani. Accumulation of cadmium by *Bacillus Coagulans*. Indian .J.of Toxicology vol. 8(2) PP93-98 (2001).



6. K.V.Pavani, K.KiranKalia. Accumulation of Lead by Bacillus coagulans. Journal poll Res. 15(2):173-175(1996).
7. K.KiranKalia, K.V.Pavani. Metal-metal interaction free radical formation as a mechanism of toxicity, pure. Appli.Sci.Pragna.Vol.2:1-5,(1993).

Conference Proceedings

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.

International Conferences

1. 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 conferences

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

Associate Professor & Principal Investigator (SERB)

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: 6 years

Research Interest: Molecular biology of Apoptosis in unicellular systems
Journal Publications/Conference Proceedings: 1

Journal publications

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



1. SatyendraGautam, KalidindiRaju and M. ZafriHumayun (2012) "SOS induction and mutagenesis by dnaQ missense alleles in wild type cells" Journal name: Mutation Research; Volume: 735; pages: 46–50. Journal Impact factor: 3.57
2. AshisChowdhury, Kalidindi K. Raju, SwathiKalurupalle, and SundaresanTharun (2012) Both Sm-domain and C-terminal extension of Lsm1are important for the RNA-binding activity of the Lsm1–7–Pat1 complex. Journal name: RNA, Volume: 18; pages:936-944. Journal Impact factor: 6.051, Citation: 2.
3. News Article: Atlanta based Health and Medicine News article NewsRx Aug 13, 2007 New data from K KRaju et al illuminate research in Microbiology.
4. Genebank Submission: Cloned and sequenced 2.631 kb polysaccharide deacetylase gene, partial cds from Xanthomonascampestrispv. glycinesStrain AM2.(Genbank accession no. DQ394570) Authors: Raju, K. K., Misra HS, and A. Sharma; Year: 2007.
5. Raju, K. K., Misra, H. S, and A. Sharma (2007)Xanthomonascaspase displays an inherent PARP-like activity. (Journal Nmae: FEMS Microbiology Letters Volume 272, pp. 259-268(10). Impact Factor: 2.04; Citations: 4.
6. Raju, K. K., S. Gautam, and A. Sharma (2006) Molecules involved in the modulation of rapid cell death in Xanthomonas.Journal of Bacteriology. 188: 5408-5416. Impact factor: 3.924; Citations: 9.

Conference Proceedings

International Conferences: 2

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.
2. Presented invited seminar at WOBRI, Biopolis; Singapore on 21st Feb, 2007. Topic: The multiple roles of neuregulins in human brain.

National conferences: 2

1. Attended national conference on proteomics and expression systems held at CCMB Hyderabad 2006
2. Poster presentation in the DAE BRNS symposium on molecular biology of stress Response held at BARC, Mumbai; Dec 2005.

Topic: molecules modulating PCD in Xanthomonas, Poster No. 45.



Ms. M. Suhasini Goldameir

Asst. Professor in Biotechnology

Qualifications: M.Tech
(Biotechnology)(JNTU-H, December 2010),
B.Tech biotechnology (JNTU-H, 2008)

Experience: 7 months

Research Interest: regenerative medicine, fermentation studies, ecofriendly novel products synthesis, etc.

Journal Publications /Conference Proceedings:

- Published paper on “ Rifamycin B production improvement studies” at AP Science Congress 2010 conducted by JNTU-Hyderabad and AP Akademi of Sciences.
- 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.
- Published a paper on “Ecofriendly production of Rifamycin B” at workshop on “Pollution in Greater Hyderabad”.



Dr/ Mr/ Mrs/ Ms. Dr. N. SUNIL KUMAR

Designation: Associate Professor & Head Department of Biotechnology

Qualifications: Ph. D IN LIFE SCIENCE (GENETICS)
Osmania University, 1993
M. Sc GENETICS Osmania University, 1984.

Experience: 14 years Industry / 7 years Teaching

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

Research Guide: Co-guide for 4 JNTUH registered scholars



Journal Publications/Conference Proceedings:

Journal publications

International publications:

1. Ch. HemaBindu, S. Vishnupriya, A. Sandhya, K.V. Pavani, N. Sunil Kumar, Role of GST M1 and T1 polymorphism in the development of Myopia, IUP Journal of Biotechnology, P 50-63, 2011
2. Synthesis of Lead Nanoparticles by Aspergillus species, K.V. Pavani, N. Sunil Kumar and B.B. Sangameswaran, A Short Communication, Polish Journal of Microbiology, 2012, Vol. 61, No 1, 61–63
3. K.V.Pavani, Gayathamma K, N. Sunil Kumar. Plants as ecofriendly nanofactories –A review. Journal of Bionanoscience, Vol.6, pp.1-6, 2012.
4. K.V.Pavani, N.Sunil Kumar, B.B.Sangameswaran. Synthesis of lead nanoparticles by Aspergillus species. Polish journal of Microbiology. Vol.61, No.1, pp-61-63, (2012).
5. K.V.Pavani, Gayathamma, K., N. Sunil Kumar. Optimization of culture conditions affecting Carboxy methyl cellulose production by Aspergillus species. World Journal of Agriculture Research. Vol. 1, No. 4, pp. 65-69, 2013.
6. K.V.Pavani, N. Sunil Kumar. "Adsorption of iron and synthesis of iron nanoparticles by Aspergillus KVP- 12'. American journal of nanomaterials, Vol.1, No.2, pp.5-8, 2013.
7. K. V. Pavani, N. Sunil Kumar, "Adsorption of Iron and Synthesis of Iron Nanoparticles by Aspergillus Species Kvp 12". American Journal of Nanomaterials, 2013, Vol. 1, No. 2, 24-26 DOI: 10. 12691/ajn-1-2-2 Available online at <http://pubs.sciepub.com/ajn/1/2/2> © Science and Education Publishing

National publications

Conference Proceedings

International Conferences

1. N. Sunil Kumar, B.K. Sahay, Mohammed Ishaq, Serum Ceruloplasmin in Diabetes mellitus: A Comparative Analysis, Keystone Symposium Poster No.407, 1996
2. ParveenJahan, PrasannaLatha.K, Sunil Kumar. N, Sailaja. B, Gazala A Khan, M.Ishaq, Increased Frequency of Haptoglobin Phenotypes with Alpha chains in type-2 diabetes: A meta analysis. XXXIII Annual conference of ISHG, Poster No.39, 2008.



Dr/Mr/ Mrs/ Ms.D .Sailaja

Designation: Professor & Dean Entrepreneur Development Cell

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

Experience: 21 years

Research Interest: Genetics Plant biotechnology Natural Products
Patentsawarded/ Filed–1Awarded 5 Filed

- 1 Bio mask Design (Patent awarded)Patent no D – 245463 Date of Publication 21-05-12.
- 2 A Plant derived nutrient medium for growing microorganisms & process for its preparation. Patent no 3075/CHE/2010 – Publication Date 18-02-2011
- 3 Journal no 07/2011 3 Herbal Extract and process for preparing the same. Patent no – 2078/CHE/2011A Publication date 3-02-2012
- 4 Bio mask (concept) Patent no – 2078/CHE/2011 dated 29-3-2012
- 5 An Antifungal skin care cream Formulation Patent no–4526/CHE/2012

Guiding research students

1. Students (Main guide) JNTU Hyderabad
2. Students as (Co-Guide) JNTU Hyderabad

Journal Publications

International Publications

International

- 1 Preparation of Vermicompost from Temple Waste flowers Dr.D.Sailaja, P.Srilakshmi*, Shehanaaz, H.Priyanka, D.LavanyaBharathi, Ayesha Begum(International Journal of Science Innovationsand discoveries) Volume 3 Issue 3 May–June 2013 p367-375
- 2 Estimation of Level of Carbohydrates in Mealey Bug (Macenellicoccushirsutus) infected stem of hibiscus rosasinesisD Sailaja , V Laxmi(International Journal of Applied biology and Pharmaceutical Technology)Volume 3 Issue 3 April 2012 .p 410- 413
- 3 Nutrient Content of Khoa samples prepared from azolla and non-azolla feed cow milk. Laxmi V, Sailaja D(International Journal of Biology , pharmacy & Allied Science) April 2012. 1(13)364-369 .



- 4 Physicochemical studies in pongamia pinnate Galls infected with fungus DSailajasrilaxmi , ((International Journal of applied Appliedbiology and Pharmaceutical Technology)Volume 2 Issue April June 2012.
- 5 Quantitative estimation of carbohydrate in insects induced and fungal infected leaf galls of pongamiapinnata. D Sailaja (Internatinal Journal of plant animals & environmental Sciences) Volume 12 issue 2 April 2012 .
- 6 Impact of MealeyBug , Infection on Biochemical impact of hibiscus Rosa sinesis . D SailajaInternational Journal of applied Biology & Pharmaceutical Technology, Volume 3 Issue 2 April June 2012.
- 7 Utilization of domestic waste water treatment sludge as a fertilizer for nonedible plants and ornamental plants.Chatterjee et al ,D Sailaja , Journal of Eco biotechnology 2012 4(2) P.no 149-150 .
- 8 Isolation & Biochemical Characterization of bacteria from vegetable waste for Organic Acid Production, Mishra et al DSailaja Journal of Eco Biotechnology 2012 4(2) 124-126
- 9 Principle of materialistic Monism, D Sailaja et al Intr. Jr. Of Systematics & Cybernetics Volume 1 2006 P no 30
- 10 In vivo cytogenetic action of furfural on meotic cell of mouse. D Sailaja et al, Environmental molecular mutagenesis Vol 14 supl 15 p no 239 1989 .
- 11 In vivo cytogenetic action of 5 methyl furfural on bone marrow cells of mouse D Sailaja & S Subramanyam , Genome Vol 20 (suppl) 1988 P no 272 .

Conference Publications

- 12 Genotoxic Potential of furfural using multiple parameter ,D Sailaja , NTP report 1989-90 .
- 13 Cyptogeticevaluation of action of 2 methyl furan in mouse test system , D Rathnaprabha ,D Sailaja , National seminar on cell biology Jan 16-18 1978 Mysore PP 52 .
- 14 Cytogenetic action of 2 methyl furan on bone marrow cells of mouse D Ranaprabha ,D Sailajall All india Conference on Cyology& Genetics , Dec 28-30 1988 Warangal 54-60
- 15 In Vivo Cytogeneic response of somatic cells in mice to 2,5 Dimethyl furan D Rathnaprabha, D Sailaja . National Symposium on recent trends in genetic research April 28-30 1988 Hyderabad P no 44
- 16 Response of somatic cells in mice to cumulative doses of quinine. D SailajaBeaula Helen, XI national conference of Environmental mutagen Soc Feb 20-22 1986 Madras p 28-29



Mr.A.C.P. Chowdary

Assistant Professor

Qualifications: M.Sc. (Bio Engg) Anna University, Chennai, 2004, M. Tech (Biotechnology) JNTU-H, 2010

Experience: 10 years

Research Interest: Bioprocess Engineering

Journal Publications/Conference Proceedings:

Journal publications (year wise descending order)

International Publications:

1. Principle of Materialistic Monism: D Sailaja et al Intl. Jrl. Of Systemics, Cybernetics & Informatics Volume 1 2006 pp 30

Conference Proceedings (year wise descending order)

International Conferences: Two

National conferences: Two



Mr. C. Srikanth

Assistant Professor

Qualifications : B.E (Chemical Engg), M.Tech (Biotechnology) JNTU-H, Ph D Registered JNTUH

Experience: 11 Years

Research Interest: Submerged Fermentation

Journal Publications/Conference Proceedings: Nil

Books published: Nil

Journal publications (year wise descending order)

International publications: Nil

Conference Proceedings (year wise descending order)

International Conferences:

National conferences:

DEPARTMENT OF BASIC SCIENCES

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 is accredited by NBA in 2006 and 2009. 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 35 faculties out of which 3 are Doctorates and 11 are pursuing PhD's.

Doctorates in BS

S.No	Name of the Faculty	Degree Awarded	No. of Publications (journals/conferences)
1	Dr.S.Ramamurthy	2007	9
1	Dr.B.Ramakrishna Reddy	2006	5



FACULTY AND THEIR PUBLICATIONS



Mr.M.Sreedhar

Associate Professor, Dept. of Physics

Qualifications: Ph.D (Physics) (JNTU-H, in progress, Registered 2010), M.Tech (Energy Management) (SVU Tirupati-2002), M.Sc (Solid State Physics)(Acharya Nagarjuna University-2000).

Experience: 12 Years

Research interest: Electromagnetism, Materials Science

Journal Publications/Conference Proceedings: 02

Journal publications

International journal

1. Presented and Published research paper titled **“Effect of Thermal Treatment of a Ferro Magnetic Core on Induced EMF”** at 3rd International Conference on Materials Processing and Characterization organized by ICMPC2014 at GRIET on 8th & 9th March 2014 and the same paper is published in **International Journal Procedia Materials Science, Elsevier.**

Conference proceedings

National Conference

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.



Ms.K.Vagdevi

Assistant Professor of Physics

Qualifications: Ph.D (Physics) (JNTUA, in progress, Registered 2010), M.Tech (Space Tech & Applications)(S.V.U,2003), M.Sc (SVU,2001).

Experience: 10 years

Research Interest: Condensed Matter physics, Fiber optics

Journal Publications/ Conference Proceedings: 1

Conference Proceedings

National conferences:

1. K.Vagdevi, “ Analysis of polarised modes in glass fibers” 2012.



Ms.Rekha P.M

Assistant Professor in English

Qualifications: Ph.D (JNTUH Reg.2012) M.A Literature(Osmania University, Hyderabad, 2001) ,B.A Literature (Mahatma Gandhi University, Kerala, 1996).

Experience: 13+ years

Research Interest: American Literature

Conference Proceedings

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.



Ms. P.Sujeetha Rao

Assistant Professor in English

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

Journal Publications/Conference Proceedings: 02

National conference

1. "The Frontiers of English Literature & The Patterns of English Language Teaching" organized by MGIT Hyd. (9 & 10 Nov, 2012). "English for Engineers acts as a tool to build a career"

International Conferences

1. International Conferences conducted by EFLU in Collaboration with British Council 2010, 2011&2013.

Certifications

1. Post Graduation Certificate in Teaching English (EFLU Hyd-2006)
2. Certificate Programme in " Enriching Soft Skills and Communicative Skills" Conducted by OUCIP, OU. (June 2013)



R.Lakshmi Kanthi

Assistant Professor in English

Qualifications: PhD (English) (JNTU-H, in progress, Registered 2010), 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

Journal Publications/Conference Proceedings: 5

International Conference

1. Lakshmi Kanthi R, 'Jhumpa Lahiri's "Unaccustomed Earth" : A panacea for multicultural and global inhabitants', An International Conference conducted by Osmania University Centre for International Programmes & Indian Society for Commonwealth Studies .
2. International Conferences conducted by EFLU in Collaboration with British Council 2010, 2011 & 2013

National Conferences

1. Lakshmi Kanthi R , "Portrayal of evolution of second generation female immigrants: Jhumpa Lahiri's "Temporary Matter" and "Blessed House" , 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
2. Lakshmi Kanthi. R, "Use of Internet in Teaching English Language" -An Analysis, a national conference On 'A Paradigmatic shift in ELT: Empowerment of the English Classroom'(1&2 February 2013) conducted by Vasavi College of Engineering, Ibrahimbagh, Hyderabad.
3. Lakshmi Kanthi. R, Significance of English and Employability Skills for Engineering Students, a national conference on The Frontiers of English Literature & The Patterns of English Language Teaching (9 - 10 November 2012) Organized by Discipline of English Studies, Dept. of M & H, Mahatma Gandhi Institute of Technology Gandipet, Hyderabad & ELTAI, Hyderabad Chapter

Mrs. V.Lakshmi Prasanna

Assistant Professor in English

Qualifications: Ph.D (English, JNTUH, in progress, Registered 2007), M.A (English Litt., Sri Padmavathi MahilaViswaVidyalaya 1992), B.A(English Litt.ANU, 1990) M.Ed.,(MKU,2001)

Experience: 22 years

Research Interest: Indian Writing in English

Journal Publications / Conference Proceedings:

1. Mrs. LakshmiPrasanna. V. Paper published in National Journal 'Triveni', - "Images of women in the novels of NayantaraSahgal"

International Conference

1. Mrs. LakshmiPrasanna. V., Participated and Paper Presented on International Conferences conducted by EFLU in Collaboration with British Council 2010,2011&2013.
2. Mrs. LakshmiPrasanna. V., Paper Presented on "Teaching of English as a Second Language a point of view" in International Seminar on Applied Linguistics conducted by ANU, Guntur (15-18 Dec 2010)
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)
4. Mrs. LakshmiPrasanna. V., Paper Presented on "The Role of Technology in Project-Based learning" in World Conference on Applied science, Engineering &Technology at GitamUniversity,Hyd.(8 March,2013).

National Conferences:

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
2. Mrs. LakshmiPrasanna. V., Paper presented on "Evaluation Tools in Education", a National Conference On 'A Paradigmatic shift in ELT: Empowerment of the English Classroom' (1&2 February2013) conducted by Vasavi college of Engineering, Ibrahimbagh, Hyderabad.
3. Mrs. LakshmiPrasanna. V., Paper presented on "The Role of Modern Communication-Industry", a National Conference on The Frontiers of English Literature &The Patterns of English Language Teaching(9 - 10 November 2012)Organized by Discipline of English Studies, Dept. of M & H ,Mahatma Gandhi Institute of Technology Gandipet, Hyderabad &ELTAI, Hyderabad Chapter.
4. Mrs. LakshmiPrasanna. V., Participated "National Practicum on Emerging Areas of Research in English Language &Literary studies" conducted by JNTUH (29 April, 2011).



Mr. M. Aravinda Kumar

Assistant Professor in English

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:

1. Participated and paper presented on "The influence of HRD in APTDC- An Analysis in a national conference conducted by Acharya Nagarjuna University, Guntur in 2008. (ISBN: 978-81-922783-3-9)
2. Participated and presented a paper on "Ethical practices in Hiring- Role Played by Various Hiring Authorities" in a national conference on "Management Practices in Global Perspective" at Yogi Vemana University, Kadapa in the year 2012.
3. Participated and presented a paper on "Recent Trends in HR of Indian Youth Segement: Adapting to Global Scenario" in a national conference on "Changing Scenario of HR in India" at Acharya Nagarjuna University, Guntur in 2012.



Mr. M.V.Sreekantha Reddy

Assistant 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

Journal Publications/Conference Proceedings: 6



Journal publications

International publications:

1. M.V.Sreekantha Reddy "Effects of chemical reaction, radiation and thermo-diffusion on convective heat and mass transfer flow of a viscous dissipated fluid in a vertical channel with constant heat flux "in Advances in Applied science Research,Pelagia Research Library,2012,3(5),pp :3032-3044,ISSN:0976-8610.
2. M.V.Sreekantha Reddy "Effect of Hall Currents on The Convective Heat and Mass Transfer of a Viscous Electrically Conducting Fluid through a Porous Medium Confined in a Rotating Horizontal Channel in the Presence of Heat Sources" in International Journal of Emerging trends in Engineering and Development, Issue 2,Vol.6,September 2012,pp :691-706,ISSN:2249-6149.
3. M.V.Sreekantha Reddy "Effect of Chemical Reaction and Thermo-Diffusion on Non-Darcy Convective Heat and Mass Transfer Flow in A Vertical Channel With Heat Sources" in International Journal of Mathematical Archive-3(9), 2012, pp:3380-3392,ISSN:2229-5046.

Conference Proceedings

National conferences:

1. M.V.Sreekantha Reddy, "XVII congress of Andhra Pradesh Society For Mathematical Sciences and National Conference on Mathematical Modeling in Emerging Technologies held from 13th – 15th Feb 2009 at Malla Reddy Engineering College,Secunderabad
2. M.V.Sreekantha Reddy, "XVIII congress of Andhra Pradesh Society For Mathematical Sciences and National Conference on Mathematical Solutions Using Soft Computing for Problems in Science and Technology held from 11th – 13th December 2009 at Mrs.A.V.N College,Visakhapatnam.
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.

**Mr. B. Umamaheswara Rao**

Assistant Professor in chemistry

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

Research Interest: NP, Isolation, Chemical Synthesis and Bio-assays, Environmental analysis, EIA and modelling.

Journal Publications/Conference Proceedings: 4

Conference Proceedings:

1. Physio-chemical properties of Gosthani river surface waters AP Science Congress, Osmania University, Hyderabad, 2008.
2. Physio-chemical microbial activity of agaricus bifcores, International conference on colligence of computer science and Biotechnology, Andhra University, Visakhapatnam, 2009.
3. Economical Importance of Mangroves of North Coastal Andhra Pradesh, Indian Science Congress, Shillong, 2009.

National Journals:

1. Dr M Venkaiah, B Umamaheswara Rao, Bruguiera cylindrical(L.)Rhizophora apiculata BL in sarada and Varaha estuaries of Andhra Pradesh, AP Academy of Sciences, 2002.

Department of Civil Engineering

INTRODUCTION

Department of Civil Engineering was established in the year 2008. It conducts B.Tech programme in Civil 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 24 faculties out of which 2 are Doctorates and 6 are pursuing PhD's.

Resource Mobilization for Research (TEQIP-II)

S.No	Name of the Faculty	Title	Name of the Funding Agency	Amount in Lakhs	Year
1	Dr.Mohd. Hussain	STEPS - 2013	TEQIP-II	Rs.45,197	2013

Doctorates in CE

S.No	Name of the Faculty	Degree Awarded	No. of Publications (journals/conferences)
1	Dr.Mohd. Hussain	2002	23
1	Dr.G.V.Ramana	2010	24

FACULTY AND THEIR PUBLICATIONS



Dr. G.Venkata Ramana

Professor & Dean (Discipline)

Qualifications: Ph.D (Civil Engineering) (JNTU- Hyderabad, 2010), M.Tech (Water Resources Engineering) (JNTU- Hyderabad, 2000), B.Tech (Civil Engineering) (CBIT, Hyderabad, 1998).

Experience: 16 years

Research Interest: Integrated approach to Water Resources Management, Watershed Management, Rainwater Harvesting, Management of Lift irrigation Scheme and Remote Sensing & GIS Applications in Water Resources Management.

Journal Publications/ Conference Proceedings: 24

Books published:

Dr. G.Venkata Ramana, "Water Resources Engineering I", Academic Publications, Hyderabad.

Journal publications

International publications:

1. Dr. G.Venkata Ramana, "Professional drinking water supply with supervisory control and data acquisition system", An International Journal of Advances in Computer Science, Engineering and Technology, ISSN:978-93-5137-782-5, <http://www.warse.org>
2. Dr. G.Venkata Ramana, "Rainfall and runoff process using by Overland Time of Concentration model and GIS Modules, An International Journal of Engineering Sciences & Research Technology, ISSN:2277 9655, <http://www.ijesrt.com>
3. Dr. G.Venkata Ramana, "Efficient Water Distribution System using Supervisory Control and Data Acquisition (SCADA): A case study of Vijayawada Municipals Corporation, Andhra Pradesh, India, An International Journal of Engineering Sciences & Research Technology, ISSN:2277 9655, <http://www.ijesrt.com>
4. Dr. G.Venkata Ramana, "Identification of suitable locations for Mini Hydal Power Plants using Geomatics", An International Journal of Engineering Sciences & Research Technology, ISSN:2277 9655, <http://www.ijesrt.com>
5. Dr. G.Venkata Ramana, "An integrated approach to estimate rainfall-runoff using conventional models and Geographic Information System Modules, Journal of GIS India, Volume 16, No. 7 pp 3-6, ISSN:0972 - 5776



National publications:

1. Dr. G.Venkata Ramana, "Identification of soil conservation sites in Sidda river macro watershed using GIS", Vasudha, Journal of the Geographical Society, Jan 2001, (special issue)

Conference Proceedings

International Conferences:

1. Dr. G.Venkata Ramana, "Rainfall and runoff process using by Overland Time of Concentration model and GIS Modules", International conference on efficient water management: challenges and opportunities, INDIA WATER WEEK, Organized by Ministry of Water Resources, Govt. of India from at New Delhi, 8-12 April, 2013
2. Dr. G.Venkata Ramana, "Elaborating the Landscape methodologies using Remote Sensing & Geographical Information Systems", International Conference at National Institute of Rural Development (NIRD), Hyderabad, June 5th to 8th 2006
3. Dr. G.Venkata Ramana, "Optimum utilization of subsurface and ground water in the command areas by using Remote Sensing/ Geographical Information System modules, International Conference on Ground Water, Feb.04 to 6th 2006
4. Dr. G.Venkata Ramana, "Identification of delineation of salt affected and water logging zones in command areas by using Remote Sensing/Geographical Information System Techniques, International Conference on Environmental Management (ICEM-2005), Oct.28th-30th 2005
5. Dr. G.Venkata Ramana, "Remote Sensing & Geographical Information System module in characterization of Landscape, MAP ASIA organized by Map Asia on at Jakarta 10270, Indonesia, Aug 22-25, 2005
6. Dr. G.Venkata Ramana, "Ground Water Development through watersheds and its problems & alternative methods, International Seminar on "Watershed Development " with a special colloquium on "Drinking water supplies in SAARC Countries, October 16-19, 2003
7. Dr. G.Venkata Ramana, "Environmental studies and their effects in typical watersheds with using Remote Sensing / GIS Techniques, International Conference on "Hydrology and Watershed Management, December 20th 2002.
8. Dr. G.Venkata Ramana, "Impact of soil and water conservation for the development of water resources, International Symposium of "Challenges of



water resources management for the development countries in the 21st century, May 8th 2001

9. Dr. G.Venkata Ramana, "Strategy of sustainable Development of Typical Watersheds with using Remote Sensing and conventional Techniques, International Conference on Remote sensing and GIS/GPS, Feb 2nd to 5th 2001

National conferences:

1. Dr. G.Venkata Ramana, "Effective water distribution using SCADA (Supervisory Control And Data Acquisition), National conference on Sustainable water Resources Planning, management and impact of climate change organized by Centre of Excellence in water resources management, April 5-6, 2013
2. Dr. G.Venkata Ramana, "Remote Sensing and Geographical Information System module for Water Management in Command areas, National Conference on SSTGRA, organized by CLUMA, September 15th - 16th 2005
3. Dr. G.Venkata Ramana, "Urban Sprawl and plan Monitoring using Remote Sensing & GIS Techniques", National Conference on Land use /Land Cover and Management Practices, Aug 21-22, 2003
4. Dr. G.Venkata Ramana, "Integrated Development of Water Resources by Watersheds and its conventional methods, National Seminar on Hydrology of Small Watersheds, May 5th - 6th 2003
5. Dr. G.Venkata Ramana, "Design of low cost structures for the watershed development program: A case study of Rampur watershed", At Developments in Engineering and Technology (DIET) on at KITS, Warangal, A.P., India, March 23rd 2003
6. Dr. G.Venkata Ramana, "Estimation of sediment yield by using Remote Sensing & GIS: A case study of Phulangvagu watershed, National Conference on GIS ACE -2K2 & their applications, Feb.14th - 16th 2002
Dr. G.Venkata Ramana, "Cybernetics and its impact on Engineering Profession, Institute of Engineers, December - 20th 2001.



Dr. Mohammed Hussain

Professor & HOD

Qualifications: Ph.D (Water Resources Engineering) (JNTU-Hyderabad, 2002), M.E (Hydromechanics and Water Management) (Osmania University, 1992), B.Tech (Civil Engineering) (NIT, Warangal, 1983).

Experience: 28 years

Research Interest: Water Resources Engineering, Irrigation Engineering and Management, Integrated Water Management, Capacity building of water managers and water users in the area of Irrigation Management, Participatory Irrigation Management (PIM).

Journal Publications/ Conference Proceedings: 23

Journal publications

National publications:

1. S. Bahauddin and Mohd. Hussain (1995), "Optimal surface irrigation under conditions of limited water supply - A case study in Sriram Sagar Project", Journal of India Water Resources Society, Vol. 1, No. 2, PP.25-29, ISSN 0970 - 6984.

Conference Proceedings

International Conferences:

1. Dr. Mohammed Hussain (2013), "Sustainable Practices of Engineering Management in Irrigation Projects to increase water use efficiency: A case study in India", Paper submitted in the International Conference INDIA WATER WEEK 2013 by Ministry of Water Resources, Government of India from 8-12 April, 2013 at Vigyan Bhavan, New Delhi
2. Dr. Mohammed Hussain (2013), "Capacity building of water resource managers and users by developing D.E.E.P.-A.C.C.E.S.S. implementation Quotient of daily life skills for sustainable participatory irrigation management", Paper submitted in the International Conference INDIA WATER WEEK 2013 by Ministry of Water Resources, Government of India from 8-12 April, 2013 at Vigyan Bhavan, New Delhi
3. Dr. Mohammed Hussain (2010), "Universal B.E.S.T. Intuitive Leadership Wisdom model of "Mindfulness attention"- Paper presented in the "International Conference on Hydrology and Watershed Management", February, 3-6, 2010 by Jawaharlal Nehru Technological University, Hyderabad
4. Dr. Mohammed Hussain (2010), "Basic tools for integrated water resources



management for sustainable crop production : Case studies in Andhra Pradesh state of India" Paper presented in the "International Conference on Hydrology and Watershed Management", February, 3-6, 2010 by Jawaharlal Nehru Technological University, Hyderabad.

5. Dr. Mohammed Hussain (2006), "Capacity Building of water resource managers by developing M.A.A.T.R.U.S.H.R.I. Enlightenment Quotient in the successful implementation of Participatory management of water resources towards sustainable development", Paper presented in the "International Conference on Hydrology and Watershed Management", December 5-8, 2006 by Jawaharlal Nehru Technological University, Hyderabad ISBN : 817800-138-1, Vol II, Pages 1175-1190
6. Dr. Mohammed Hussain (2006), "Multidisciplinary Diagnostic Analysis (M.D.A.) Annual Reports, Design Operation Plans (D.O.P), Seasonal Operation Plans (S.O.P) and Actual Implementation of Approved Seasonal Operation Plans (A.O.P) as basic tools for Integrated Water Resources Management for sustainable crop production in irrigation projects: Case Studies in Andhra Pradesh of India", Paper presented in the "International Conference on Hydrology and Watershed Management", December 5-8, 2006 by Jawaharlal Nehru Technological University, Hyderabad-ISBN 978 - 81-7800 -224- 8, Volume II, Pages 817 -827
7. Dr. Mohammed Hussain (2004), " Impact of Transactional Analysis in my daily life: Confession of an Engineer " Paper presented in the International Transactional Analysis Conference at Bangalore from July 28 to August 1, 2004 (HRD topic)
8. Dr. Mohammed Hussain (2002), "A simple conjunctive water use model to monitor the groundwater table in waterlogged areas of irrigation project command areas"- Paper presented in the International conference on " Hydrology and watershed Management" December, 18-20, 2002 organized by the Centre for Water resources, IPGSR, JNTU, Hyderabad.
9. Dr. Mohammed Hussain (2002), " Capacity Building of Water Users Associations in Andhra Pradesh in India : Certain Observations" - Paper presented in the International conference on "Hydrology and watershed Management" December, 18-20, 2002, Organized by the Centre for Water resources, IPGSR, JNTU, Hyderabad. (HRD topic)

National conferences:

1. Dr. Mohammed Hussain (2012), "Capacity building of water resource managers in Participatory Irrigation Management", Paper submitted in one day national seminar on "Sustainable Technologies in Civil Engineering: Perspectives and Strategies (STEPS-2012) on 19th December, 2012



2. Dr.Mohammed Hussain (2012),“Preliminary aspects of selfless-innerself-centred S.P.R.Y. Living Unlearning and Learning Practice Model in the present new minute for sustainable natural resource management”, Paper submitted in one day national seminar on “Sustainable Technologies in Civil Engineering:Perspectives and Strategies(STEPS-2012) on 19th December,2012
3. Dr.Mohammed Hussain(2012), “Sustainable Management Practices in Irrigation Projects”, Paper submitted in one day national seminar on “ Sustainable Technologies in Civil Engineering: Perspectives and Strategies(STEPS-2012) on 19th December,2012
4. Dr.Mohammed Hussain(2011), “Preliminary aspects of universal APT self facing Environmental Communication and Leadership Wisdom Model”,Paper submitted in one day national seminar on “Sustainable Technologies in Civil Engineering:Perspectives and Strategies(STEPS-2011) on 17th December,2011
5. Dr.Mohammed Hussain (2011),“Practices for the sustainability of quality and quantity of water resources”, Paper submitted in one day national seminar on “Sustainable Technologies in Civil Engineering:Perspectives and Strategies(STEPS-2011) on 17th December,2011
6. Dr.Mohammed Hussain(2005), “Engineering Management Practices for the sustainability of quality and quantity of water resources in 21st Century” Paper presented in the national seminar on “ Sustainable Technologies in Civil and Mechanical Engineering”,28-30July 2005, Muffakhamjah College of Engineering and Technology, Hyderabad.
7. Dr.Mohammed Hussain(1999), “Water Resources and Hydrological Problems in Krishna and Godavari Basins”, One day Brain Storming session on Hydrological and Water Resource Problems in Godavari and Krishna Basins, sponsored by Indian National Committee on Hydrology, Roorkee and organised by Andhra Pradesh Engineering Research Laboratories (APERL), Hyderabad April 23, 1999.
8. Dr.Mohammed Hussain (1998),“Conjunctive Water Use Management in the Command Areas of irrigation Projects in Andhra Pradesh,” Young Scientists Convention, organised by Andhra Pradesh Academy of Sciences, Hyderabad 24th 25th July 1998.
9. Dr.Mohammed Hussain(1994), “A review of certain simulation models for effective on-farm water management in the waterlogged command areas of India”, National Seminar on Water logging, Drainage and Salinity in Irrigation Commands at WALAMTARI, Hyderabad, December 28-29, 1994.



10. Dr.Mohammed Hussain(1994), "Management Information Systems (MIS) for drainage in the Irrigation Command Areas of India", National Seminar on Water logging, Drainage and Salinity in Irrigation Commands at WALAMTARI, Hyderabad, December 28-29, 1994.
11. Dr.Mohammed Hussain (1993),"Developing perceptual skills of Irrigation Scheme Managers in Conflict Resolution in Social and Psycho-biological Perspective", National Seminar on Human Resource Development in Irrigation Management at WALAMTARI, Hyderabad, September 3-4, 1993.(HRD topic)
12. Dr.Mohammed Hussain(1993), "Developing Delegation Skills of Irrigation Scheme Managers", National Seminar on Human Resource Development in Irrigation Management at WALAMTARI, Hyderabad, September 3-4, 1993. (HRD topic)
13. Dr.Mohammed Hussain(1993), "Design Operation Plan (DOP) as a basic management tool for operation of irrigation schemes A case study of Thandava Medium Irrigation Project in Andhra Pradesh," Second National symposium on Irrigation Management at WALAMTARI, Hyderabad from December 17-18, 1993.

Presentations as Resource Person in Workshops

1. Dr. Mohd. Hussain(2014),"Attitude for Good Governance", presentation at Administrative Staff College of India (ASCI), Bellarista, Hyderabad, 7 may 2014 during three day programme on " Good Governance and Industrial Assesment" for chairman ,BOG members and Heads of TEQIP Industries from may 5-7 2014 at ASCI.
1. Dr. Mohd. Hussain(2013),"Environmental Ethics, Leadership and Communication for sustainable resource management based on the concept of Ecological footprint and Water footprint", Two day national workshop on "Sustainable Technologies in Civil Engineering: Perspectives and Strategies(STEPS-2013) on 27-28 December,2013.
2. Mohd.Hussain (2011-13),"PersonalHygiene",Respecting Resources:Time,Money and Human Resources", Two hour talks delivered for trainees of Reddy's Laboratories at Pharmacy college of Gokaraju Rangaraju Institute of Engineering and Technology.
3. Mohd.Hussain (2011-13),"Respecting Resources:Time,Money and Human Resources", Two hour talks delivered for trainees of Reddy's Laboratories at Pharmacy college of Gokaraju Rangaraju Institute of Engineering and Technology.
4. Mohd.Hussain(2011-12),"Human resource Development in colleges ", Three



Hour talks delivered at UGC Academic Staff College at ORIENTATION COURSE to the lecturers of Government and Private colleges

5. Mohd.Hussain(2011-12),"Complete Listening Skill ", Three Hour talks delivered at UGC Academic Staff College at ORIENTATION COURSE to the lecturers of Government and Private colleges
6. Mohd.Hussain(2011-12)," Complete Listening Skill through T.I.L.L.S updating process for even more effectiveness and efficiency ", Two hour talks delivered to the students of Gokaraju Rangaraju Institute of Engineering and Technology(GRIET),Hyderabad as Coordinator for "Centre for Continuous Excellence in Life Skills"
7. Mohd. Hussain (2006), "Engineering and Management Interventions for Successful Participatory Irrigation Management (P.I.M.)",Presentation at Administrative Staff College of India (ASCI), Bellavista, Hyderabad, August 4th, 2006.

Invited talks at The Institution of Engineers, A.P. Centre and UGC Academic Staff College, JNTUH

Delivered twelve management lectures and five technical lectures in the Institution of Engineers, A.P. centre, Hyderabad, India during 2001-11.

1. December 7, 2010 " Role of civil Engineers to achieve United Nations Millennium Development Goals by the year 2015" at Institution of Engineers,Hyderabad (Technical)
2. May 15, 2008 "Preparation and Implementation of Operation plans in Irrigation Projects of India : An urgent need" at Vijayawada Local Centre of Institution of Engineers (Technical)
3. January 18, 2007- Attitude of Self- Enquiry, Self- Respect and Self-Acceptance for even more Effectiveness and Efficiency
4. December 10, 2007 Decision Support Systems for Effective Water Resources Management in the world (Technical)
5. Mohd. Hussain (2006) "A.S.P.I.R.E. Skill to work with emotional intelligence for continuous development of Individuals and organizations", Newsletter of Institution of Engineers (INDIA), Andhra Pradesh Centre, Hyderabad. (Talk delivered on January 25, 2006 at the Centre).
6. Mohd. Hussain (2004), "F.A.C.E. Skill (Fears, Anxieties and Chicken-Heartedness Emancipation Skill) to overcome the rational fears and irrational phobias of 21st Century to improve the proactive - decision - making process", Newsletter of Institution of Engineers (INDIA) , Andhra Pradesh Centre, Hyderabad. (Talk delivered on July 20, 2004 at the Centre).



7. Mohd. Hussain (2004), "Abundance Mentality for the proactive focus of WIN - WIN Management- Scarcity Mentality for the reactive focus of WIN-LOSE Management", Newsletter of Institution of Engineers (INDIA), Andhra Pradesh Centre, Hyderabad. (Talk delivered on December 13, 2004 at the Centre)
8. May 7, 2003 - Annual Practice of Multi-disciplinary Diagnostic Analysis (M.D.A) of irrigation systems : A key task to increase the Crop Productivity and Project efficiency (Technical)
9. Mohd. Hussain (2003), "Insights of Leadership from Panchatantra", Newsletter of Institution of Engineers (INDIA) , Andhra Pradesh Centre, Hyderabad. (Talk delivered on March 5, 2003 at the Centre)
10. Mohd. Hussain (2003), "Anger Management and Release (A.M.A.R.) skill for Psycho-biological Fitness and Socio-Organizational Fitness", Newsletter of Institution of Engineers (INDIA) ,Andhra Pradesh Centre, Hyderabad. (Talkdelivered on August 29, 2003 at the Centre)
11. Mohd. Hussain (2003), "G.O.O.D. Skill (Genuine and Open-minded - Organisational - Dedicated - Behavior Skill) to overcome the seven major addictions of 21st Century to improve the organizational productivity", Newsletter of Institution of Engineers (INDIA) , Andhra Pradesh Centre, Hyderabad. (Talk delivered on December 3, 2003 at the Centre).
12. Mohd. Hussain (2002), "Developing the Spontaneous resolution skill of the Psychological conflict", Newsletter of Institution of Engineers (INDIA) , Andhra Pradesh Centre, Hyderabad.(Talk delivered on February 6, 2002 at the Centre).
13. Mohd. Hussain (2002), "Positive Assertiveness Skill for Effective Communication and WIN-WIN Management", Newsletter of Institution of Engineers (INDIA) , Andhra Pradesh Centre, Hyderabad. (Talk delivered on June 6, 2002 at the Centre)
14. November 7, 2002 - Preparation and Implementation of operation plans of all irrigation projects of India : An urgent need (Technical)
15. Mohd. Hussain (2001) "Active Listening Skill for Managers", Newsletter of Institution of Engineers (INDIA) , Andhra Pradesh Centre, Hyderabad. (Talk delivered on May 4, 2001 at the Centre)
16. Mohd. Hussain (2001) "Improving Communication Skill with Transactional Analysis", Newsletter of Institution of Engineers (INDIA) , Andhra Pradesh Centre, Hyderabad.(Talk delivered on July 29, 2001 at the Centre)
17. Mohd. Hussain (2001), "Developing Holistic Thinking Skill of Managers Through the reorientation of Self-talk for Improving the performance effectiveness and efficiency", Newsletter of Institution of Engineers (INDIA) , Andhra Pradesh Centre, Hyderabad. (Talk delivered on September 20, 2001 at



Mr.V. Mallikarjuna Reddy

Associate Professor

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

Journal publications

International publications:

1. V. Mallikarjuna Reddy, Dr. M. V. Seshagiri Rao, P. Srilakshmi and P. Sateesh Kumar (2013), "Effect of w/c ratio on workability and mechanical properties of high strength Self Compacting Concrete(M70 grade)" International Journal of Engineering Research and Development, e-ISSN: 2278-067X p-ISSN:2278-800X Volume 7 Issue-1 pp 06-13.

National Publications:

1. V. Mallikarjuna Reddy, Dr. M. V. Seshagiri Rao, P. Srilakshmi and E.Srinivas (2014), "Effect of w/c ratio on workability and mechanical properties of high strength Self Compacting Concrete with fly ash and Micro Silica as admixtures.(M70 grade)", Indian Concrete Journal. (ICJ), Thane (W), Maharashtra (Under Review)

Conference Proceedings

International Conferences:

1. V. Mallikarjuna Reddy, N. Ramanjaneyulu and Dr. M. V. Seshagiri Rao (2014), "Effect of PACKING FACTOR on workability and mechanical properties of Self Compacting Concrete OF M70 grade with GGBS and Micro Silica as filler material", Proceedings of International conference on Emerging Trends in Civil Engineering, VNRVJiet, Hyderabad , ISBN: 978-7800-294-1(HB) Page No:192198
2. V. Mallikarjuna Reddy, Dr. M. V. Seshagiri Rao, P. Srilakshmi and K. Venkateswarlu (2013), "Effect of PACKING FACTOR on workability and mechanical properties of Self Compacting Concrete of M70 grade with Fly Ash and Micro Silica as filler material", International Journal of Civil Engineering and Applications, JNU, NEW DELHI,ISSN:2249-426X Volume 3 Issue-5 Page No:73-80
3. V. Mallikarjuna Reddy and Dr. M. V. Seshagiri Rao (2014), "Comparative study on the effect of w/c ratio on workability and mechanical properties of high strength Self Compacting Concrete (M70 grade) with different mineral admixtures", NASHIK, Maharashtra , ELSEVIER (Paper accepted).



Mr. G.V. Satyanarayana

Associate Professor

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: 02

Journal publications

International publications:

1. G V V Satyanarayana and Dr.N.R.Dakshina Murthy (2013), "Behaviour of Blended Mortars under Acid Environment", The IUP Journal of Structural Engineering, Vol. VI, No.2, pp.26-37.

Conference Proceedings

National Conferences:

1. G.V.V. Satyanarayana, Dr.N.R.Dakshina Murthy and Dr.M.V.Seshagiri Rao (2013), "Behavior of Two-way slabs under flexure", National seminar on Health Monitoring of Reinforced concrete structures for sustainability (HMRCs), KITS, Warangal.



V Srinivasa Reddy

Associate Professor

Qualifications: Ph.D (Civil Engineering from J.N.T.U Hyderabad (Pursuing))M.Tech (Structural Engineering from JNTU, Hyderabad (2002)) B.Tech (Civil Engineering from Acharya Nagarjuna University (1996))

Experience: Teaching Experience – 6 yrs
Industry Experience-10 yrs

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

Journal Publications/Conference Proceedings: 42

Journal publications

International publications:

1. V Srinivasa Reddy , "Flexural Behaviour of Bacteria Incorporated Reinforced Concrete Beams ", International Journal of engineering Research and Management(WERM), vol.1 Issue-I, April 2014 ,pp. 12-18



2. V Srinivasa Reddy, Raja ratnam V, M V Seshagiri Rao, Ch sasikala (2013), "Mathematical Model for Predicting Stress Strain Behaviour of Bacterial Concrete", International Journal of Engineering Research and Development, Volume 5, Issue 11, 21-29, e-ISSN: 2278-067X, p-ISSN: 2278-800X
3. V Srinivasa Reddy, Sreenivasa Rao D, M V Seshagiri Rao, Ch sasikala (2013), "Permeation Properties of Bacterial Concrete", IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), March 2013 Issue ,08-16, ISSN: 2278-1864
4. V Srinivasa Reddy, Jyothi Kunar K S, M V Seshagiri Rao, Ch sasikala (2013), "Studies on Permeability of Self-Healing Built-In Bacteria Concrete", International Journal of Recent Technology and Engineering (IJRTE), Volume-1, Issue-6, 119-125, ISSN: 2277-3878
5. V Srinivasa Reddy, Sreenivasa Rao D, M V Seshagiri Rao, Rahul K (2013), "Studies on Bacterial Concrete Exposed to Elevated Temperatures and Thermal Cycles", Engineering Science and Technology: An International Journal (ESTIJ), Vol. 3, No.1, 126-135, ISSN: 2250-3498
6. Suvarna Latha P, M V Seshagiri Rao, V Srinivasa Reddy (2013), "Feasibility Studies On Granulated Blast Furnace Slag As Cement And Sand Replacement", Engineering Sciences International Research Journal.
7. V Srinivasa Reddy, Achytha Sathya K, M V Seshagiri Rao, Ch sasikala, (2012). "A biological approach to enhance strength and Durability in concrete structures", International Journal of Advances in Engineering & Technology, Vol. 4, Issue 2, 392-399, ISSN: 2231-1963
8. Suvarna Latha K, M V Seshagiri Rao, V Srinivasa Reddy (2012). "Estimation of GGBS and HVFA Strength Efficiencies in Concrete with Age", International Journal of Engineering and Advanced Technology (IJEAT), Volume-2, Issue-2, 221-225, ISSN: 2249 – 8958
9. V Srinivasa Reddy, S Sunil Pratap Reddy, M V Seshagiri Rao, Ch sasikala, (2011). "Strength Enhancement Of Cement Mortar Using Microorganisms - An Experimental Study", International Journal of Earth Sciences and Engineering, Volume 04, NO 06, Spl October 2011, 933-936, ISSN no: 0974-5904

National publications:

1. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala (2013), "Bioengineered Concrete - A Sustainable Self-Healing Construction Material", Research Journal of Engineering Sciences, Vol. 2(6), 45-51, ISSN 2278 – 9472
2. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala (2013), Quantification and



- Characterization of CaCO₃ Precipitation by Bacillus Subtilis JC3 in Bacterial Concrete", Indian Concrete Institute Journal, Oct-Dec 2013, 25-27
3. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala (2012), "The biological approach to enhance durability in concrete structures", Journal of Biotechnology and Biomaterials, Volume 2 , Issue 6, ISSN: 2155-952X
 4. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala, " Performance of microbial concrete developed using Bacillus Subtilis JC3", Journal of The Institution of Engineers (India)- Series A- IEI Springer (Under Review)
 5. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala, "Accelerated Corrosion Induced Cracking Test on reinforced bacterial concrete", The Indian Concrete Journal (ICJ)(Under Review)
 6. M V Seshagiri Rao, V Srinivasa Reddy, P Lavanya Prabha , "Development And Applications Of Reactive Powder Concrete", Tech Mantra –RAMCO Cements Ltd Vol II no.3 Feb 2014, pp:06-15.

Conference Proceedings

International Conferences:

1. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala (2014), "Bio-Inspired Solutions for Durable Concrete", International Conference on Emerging Trends in Civil Engineering ICETCE 2014), VNRVJiet, 6th -8th January 2014 Hyderabad, 158-167
2. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala (2014), "Modifying concrete properties through bacteriogenic mineral plugging", 3rd International Conference on "Recent Trends in Engineering & Technology, SNJB's Late Sau Kantabai Bhavarlalji Jain College of Engineering, 28th to 30th March, 2014 Published by Elsevier Science & Technology PP 858-862
3. V Srinivasa Reddy, Jyothi Kumar K S, M V Seshagiri Rao, Ch sasikala (2013), "Assesment Of Chloride Ion Penetration Of Bacterial Concrete", The International Conference on Information & Engineering Sciences (ICIES-2013) February 14-15, 2013 Vijayawada, Andhra Pradesh
4. V Srinivasa Reddy, A Ramu, M V Seshagiri Rao, Ch sasikala (2013), "Studies on Stress-Strain Behaviour of Bacterial Concrete", The 2nd International Conference on Advancement in Engineering and Management - Royal Institute Of Technology & Science- ICAEM-2013 Feb 27th & 28th 2013
5. V Srinivasa Reddy, A Ramu, M V Seshagiri Rao, Ch sasikala (2013), "Calcite crystals precipitation by Bacillus subtilis JC3 as a mechanism for strength improvement of cement mortar", 3rd International Science Congress, 8th - 9th December 2013 at Karunya University, Coimbatore



6. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala (2012), "The biological approach to enhance durability in concrete structures", 3rd World Congress on Biotechnology-OMICS Group-13-15 September 2012-Hyderabad, India, 145-156
7. V Srinivasa Reddy, S Sunil Pratap Reddy, M V Seshagiri Rao, Ch sasikala (2011), "Studies On Corrosion Resistance Of Bacterial Concrete (B. Subtilis)", International Conference on Advances In Materials And Techniques For Infrastructure Development AMTID 2011, NIT Calicut, 55
8. V Srinivasa Reddy, S Sunil Pratap Reddy, M V Seshagiri Rao, Ch sasikala (2011), "Strength Enhancement Of Cement Mortar Using Microorganisms - An Experimental Study", International Conference on Advances in Civil Engineering October 21 – 23, 2011 KLU Vijayawada, Andhra Pradesh, 933-936, ISSN no: 0974-5904

National conferences:

1. V Srinivasa Reddy, , M V Seshagiri Rao, Ch sasikala (2014), " Bacteria Based High Performance Concrete", National Conference on Advances in Civil Engineering and Infrastructure development (ACEID-2014), 6-7 February 2014, Vasavi College of Engineering, Hyderabad.
2. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala (2013), "Strength And Chloride Ion Permeability Studies Of Bacterial Concrete", National Conference on Sustainable Construction Materials and Technologies (SCMAT) Mar 15-16, 2013 NIT Warangal.
3. V Srinivasa Reddy, A Rajeswer, M V Seshagiri Rao, Ch sasikala (2013), "Studies on the flexural behavior of Bacteria incorporated reinforced concrete beams", National Conference on Recent Advances in Structural Engineering (RASE-2013) 12-14 September 2013, Osmania University College of Engineering Hyderabad, 302-308
4. V Srinivasa Reddy, A Ramu, M V Seshagiri Rao, Ch sasikala (2013), "Crack Self-Healing Concrete: A Promising Technology Of Future", National Conference on "Sustainability, Energy and Environment SEE-13" Chaitanya Bharathi Institute of Technology, 01-02 August 2013
5. V Srinivasa Reddy, M V Seshagiri Rao, Suvarna Latha K (2013), "Studies on the Use of Granulated Blast Furnace Slag as Substitute for Fine Aggregate in Concrete", 46th Engineers' Day, September 15 -The Institution of Engineers (India), A P State Centre Hyderabad, 7-13
6. M V Seshagiri Rao, V Srinivasa Reddy, Swaroopa rani S (2013), "Development of Self Compacting Concrete Using Rice Husk Ash and Ground Granulated Blast



Furnace Slag", 46th Engineers' Day, September 15 ,The Institution of Engineers (India), A P State Centre Hyderabad,14-25

7. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala (2013), "Microbial-Induced Calcite Precipitation: Its Potential Application In Enhancing Concrete Properties", National Conference on New Trends in Civil Engineering and Earth Sciences (NTCE-2013) 5-6 February 2013, Vasavi College of Engineering, Hyderabad
8. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala (2012), "Self-Healing Bacterial Concrete: A Review", National Conference on "Recent Trends in Structural Engineering", VNRVJIE, Hyderabad, 33-44
9. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala (2012), "SEM Observations of the Microstructure of Bacteria Modified Cement-Sand Mortar", National Conference In Advances In Civil Engineering (ACE 2012), Vasavi College Of Engineering Hyderabad
10. M V Seshagiri Rao, V Srinivasa Reddy (2012), "Studies on the Structural Applications of Reactive Powder Concrete: An ultra high performance concrete", National Level Symposium on "Emerging Technologies in Civil Engineering Applications", May 28-29th 2012, ACE Engineering College, Hyderabad.
11. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala (2012), "Studies on Durability of Bacterial Concrete", Proceedings of National Conference on Advances in Earth Sciences, Structural, Geotechnical and Earthquake Engineering(AESG2E-2012),04th -05th October 2012, CBIT Hyderabad,343-350
12. Swaroopa Rani S, M V Seshagiri Rao, V Srinivasa Reddy (2012), "Stress-Strain behaviour of SCC with and without GGBS", Proceedings of National Conference on Advances in Earth Sciences, Structural, Geotechnical and Earthquake Engineering (AESG2E-2012),04th -05th October 2012, CBIT Hyderabad,447-456
13. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala (2012), "Studies On Self - Healing Durable Concrete With Microorganisms", 75th Annual General Meeting at the Institution of Engineers India (IEI) Hyderabad
14. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala (2012), "Development of Microbial Based System For Sustainable Concrete: A Novel Method To Heal Cracks", National Seminar on "Sustainable Technologies in Civil Engineering: Perspectives and Strategies", STEPS-2012, GRIET, Hyderabad, 19th December 2012



15. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala, Achytha Satya K (2012), "Development Of Bacteria-Based Self-Healing Concrete", National Conference on Recent Advances in Geo-Sciences, Engineering & Technology (NCRAGE) 20th & 21st December 2012, JNTU Kakinada
16. V Srinivasa Reddy, S Sunil Pratap Reddy, M V Seshagiri Rao, Ch sasikala (2011), "Crack Repair In Concrete Structures Using Microorganisms", Proceeding of National Conference on IPCWM2011, SRIT Coimbatore, ISBN 81-903838-4-1, 1.7-1.17
17. P Srinivasa Rao, P Sravana, V Srinivasa Reddy (2011), "Professional Ethics for Engineers", National Seminar on Human Values in Technical Education: an Approach for Holistic Development of Society (NSHVTE – 2011), October 8-9, 2011 Ujjain, MP.
18. P Sravana, P Srinivasa Rao, V Srinivasa Reddy (2011), "Current and Emerging Trends in Engineering Education", National Seminar on Human Values in Technical Education: an Approach for Holistic Development of Society (NSHVTE – 2011), October 8-9, 2011, Ujjain, MP.
19. V Srinivasa Reddy, M V Seshagiri Rao, Ch sasikala (2011), "Structural Applications of Reactive Powder Concrete", 74th Annual General Meeting at The Institution of Engineers India (IEI) Hyderabad
20. V Srinivasa Reddy, P V Ravi Raman (2011), "Structural Health Monitoring of Concrete using Non Destructive Tests", 1st National Conference on Technical Research Advances in Civil Engineering (TRACE – 2011) LDRP-ITR, Gandhinagar



Ms.C. Lavanya
Assistant Professor

Qualifications: Ph.D (Civil Engineering from J.N.T.U Hyderabad (Pursuing)) 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 – 5 yrs
Industry Experience- 2 yrs

Research interest: Expansive soils, Ground improvement techniques.

Journal Publications/Conference Proceedings: 08



Journal publications

International publications:

1. Lavanya, C., Sreerama Rao, A. and Darga Kumar, N. (2013), "Study on Coefficient of Permeability of Copper slag when admixed with Lime and Cement", International Organization of Scientific Research Journal of Mechanical and Civil Engineering, Vol. 7, Issue 6, pp. 19-25.
2. Lavanya, C., Sreerama Rao, A. and Darga Kumar, N. (2012), "Influence of Admixture on Shear parameters of Copper Slag", International Journal of Engineering Research and Technology, Vol. 1, Issue 10, pp. 475 - 480.

Conference Proceedings

International Conferences:

1. Lavanya, C., Srirama Rao, A. and Darga Kumar, N. (2014), "Efficacy of copper slag cushion in arresting heave of an expansive soil", International Conference on Recent trends in Engineering & Technoogy, ELSEVIER Journals. (Accepted).
2. Lavanya, C. and Sreerama Rao, A. (2010), "Use of Fly ash in Black Cotton Soils Sub grades", International Conference on Developments in Road Transportation (DRT 2010), NIT, Rourkela, pp. 601 - 607.

National conferences:

1. Lavanya, C., Sreerama Rao, A. and Darga Kumar, N. (2013), "Influence of admixtures on Load - Settlement behaviour of Copper Slag - Cushioned Expansive Soil Bed", Indian Geotechnical Conference (IGC 2013), Roorkee.
2. Lavanya, C., Sreerama Rao, A. and Darga Kumar, N. (2012), "Influence of Admixture on Compaction Characteristics and CBR of Copper Slag, Indian Geotechnical Conference (IGC 2012), New Delhi, pp. 359 - 362.
3. Lavanya, C., Sreerama Rao, A. and Darga Kumar, N. (2011), "A Review on Utilization of Copper slag for various Geotechnical Applications", Indian Geotechnical Conference (IGC 2011), Kochi, pp. 445 - 448.
4. Sreerama Rao, A., Dayakar Babu, R., Lavanya, C., Himabindu G. (2006), " Swell - Shrink behavior of stabilized fly ash cushions in expansive soils", Indian Geotechnical Conference (IGC 2006), Chennai, pp. 301-304.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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 39 faculties out of which 4 are Doctorates and 11 are pursuing PhD's and 24 are holding M.Tech degree. The department has organized two International conferences in the area of computing methodologies and many workshops.



Research Projects/FDP's/Seminar Grants/Sanctioned

S.No	Name of the Faculty	Title	Name of the Funding Agency	Amount in Lakhs	Year
1	Prof.G.MallikarjunaRao	MODROBS	AICTE	7.5	2013
2	Dr.PraveenKumar	R&DProject	DRDO	9.97	2011
3	Dr. S. ViswanadhaRaju	FDP	AICTE	7	2009
4	Dr. S. ViswanadhaRaju	Seminar Grant	AICTE	1	2009
5	Dr. S. ViswanadhaRaju	Seminar Grant	AICTE	1.5	2009

Doctorates in CSE

S.No	Name of the Faculty	Degree Awarded	No. of Publications (journals/conferences)
1	Dr.K.Anuradha	2011	15
2	Dr.A.Sai Hanuman	2012	16
3	Dr.P. Vijaypal Reddy	2013	8

Research Projects/FDP's/Seminar Grants/Sanctioned

S.No	Name of the Faculty	Title	Name of the Funding Agency	Amount	Year
1	DR.Y.VijayaLata	Computational methods emphasis on "programming skills & C language"	TEQIP-II	30,274	2012
2	Dr.K.Anuradha	Java Programming	TEQIP-II	47,915	2013
3	G. MallikarjunaRao	System Software Development	TEQIP-II	34,000	2013
4	P.L.Srinivasa Murthy	Android Applications	TEQIP-II	14,000	2013
5	Dr.K.Anuradha	Series of lectures in Java	TEQIP-II	37,000	2013
6	Ch. MallikarjunaRao	National Conference on Emerging Trends of Computing Technologies	TEQIP-II	1,20,000	2013

FACULTY AND THEIR PUBLICATIONS



Dr.K.Anuradha

Professor of CSE & Vice Principal, School of Computing

Qualifications :Ph.D (Computer Science and Engineering) (JNTU- Anantapur, 2011), Ph.D(Mathematics)(JNTU Hyderabad, 2006),M.Tech (Computer Science and Engineering) (BITS - Mesra, Ranchi, 2001), M.SC(Mathematics) (Nagarjuna University, 1987)

Experience: 26 years

Research Interest: Data Mining

JournalPublications/Conference Proceedings: 15

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

Books published:

Dr.K.Anuradha, "Formal Languages & automata Theory", CBS Publishers, New Delhi.

Journal publications

International publications:

1. Dr.K.Anuradha, "Anoverview of security architecture mining using agile Technology" International Journal of Engineering & Science Research, 2013.
2. Dr.K.Anuradha, "A Framework for Deep Web Crawler Using Genetic Algorithm" International Journal of Electronics and Computer ScienceEngineering,2012.
3. Dr..K.Anuradha, " An improved Approach for Document Retrieval Using Suffix Trees "International Journal of Advanced Computer Science and Applications, Vol. 2, 2011.
4. Dr.K.Anuradha, " Analysis of Stemming Algorithm for Text Clustering", International Journal of Computer Science Issues, Vol. 8, 2011,IF: 0.242.
5. Dr. K. Anuradha , " Neighbor Based Text Document Clustering ", International Journal of Computer Science and Information Security, Vol. 9, 2011.
6. Dr.K.Anuradha,"Rank Analysis Through Polyanalyst using Linear Regression", International Journal of Computer Science and Network Security, Vol. 9, 2009.



7. Dr.K.Anuradha, "Steady Flow of a Thermo-Viscous Fluid Around a Moving Circular Pipe", International Journal of Computational Intelligence Research & Applications, , Vol.1, 2007.
8. Dr.K.Anuradha, " Steady Flow of a Thermo-Viscous Fluid Between Two Parallel Plates in Relative Motion", International Journal of Mathematical Sciences, Vol. 5, 2006.

National publications:

1. Dr.K.Anuradha, "Steady Flow of A Thermo-Viscous Fluid Around and Within a Rotating Sphere", Indian Journal of Mathematics and Mathematical Sciences,Vol.2, 2006.
2. Dr.K.Anuradha, "Steady Flow of A Thermo-Viscous Fluid Through A Moving Circular Pipe", Indian Journal of Mathematics and Mathematical Sciences, Vol. 2, 2006.

Conference Proceedings

International Conferences:

1. Dr.K.Anuradha"Study on Agile Process Methodology & Emergence of Unsupervised Learning to Identify Patterns from Object Oriented System." International conference on ICT and Critical Infrastructure in CSI 2013,48th Annual convention of CSI associated with Visakhapatnam Steel Plant (Springer Lncs),ISSN:2194-5365,ISBN:978-3-319-03107-1,2013.
2. Dr.K.Anuradha, "Impact of Data Mining techniques for Polio Cases Analysis", International Conference on Health GIS, 2009.

National conferences:

1. Dr.K.Anuradha et.al "Text Document Clustering with a Variant Partitional Approach" National Conference on "Advanced Computing and Pattern Recognition" ACPR-14 in Association with CSI and ISTE (8-9 Jan 2014).
2. Dr.K.Anuradha, "Text Document Clustering with an improved K Modes Approach" National Conference on "Modern Trends in Computer Science and Technology" in Association with CSI, 2013.
3. Dr.K.Anuradha,"A Variant Agglomerative Approach for Text Document Clustering" National Conference on "Modern Trends in Computer Science and Technology" in Association with CSI, 2013.



Dr. Akundi Sai Hanuman

Professor of CSE

Qualifications :Ph.D (Computer Science and Engineering) (ANU- 2012),M.Tech(Computer Science and Engineering) (JNTU Hyderabad-2001).

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

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

JournalPublications/Conference Proceedings: 17

Journal publications

International publications:

1. Sai Hanuman, Dr. A VinayaBabu, et al. "Efficient Knowledge Discovery using Data Clustering for Transportation Planning", International Journal of Computer Science and communication(IJCSC), Volume 2, Number 2, Sep 2011. Published by Computer Science journals, IF: 0.45.
2. A. Sai Hanuman, Dr. A VinayaBabu, et al. "Improving performance of Dynamic Clustering using Adaptive Differential evolution", International Journal of Computing and IT (IJCIT), Volume 3, Number 2, Jul-Dec 2011.
3. A. Sai Hanuman, Dr. A VinayaBabu, et al. "Data Clustering using almost parameter free Differential Evolution technique", International Journal of Computer Applications (IJCA), Volume 8, Number 13, Page 1-7, October 2010. Published by Foundation of Computer Science.

Conference proceedings

International Conferences:

1. "International Conference on Advanced Computing Methodologies 2011"(2 days Conference organized by GRIET).
2. A. Sai Hanuman, Dr. A VinayaBabu, et al. "Integrated PSO and DE for Data Clustering", IEEE International Conference on Machine Learning and Computing (ICMLC 2011), Singapore, V2, PP 443 447.
3. A. Sai Hanuman, et al. "Constrained and Unconstrained function Optimization using PSO", International Conference on Swarm, Evolutionary and Memetic Computing (SEMCCO- 2010).



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).
5. A. Sai Hanuman, Dr. A VinayaBabu, et al. "Efficient Use of Open Source Software for Knowledge Discovery from Complex Databases", IEEE International Advance Computing Conference (IACC 2009), March 2009, (Page 1745 1750).
6. A. Sai Hanuman, et al. "International Conference on Advanced Computing Technologies ICACT-2008" (Two days Conference organized by GRIET).
7. A. Sai Hanuman, et al. "Use of Data Mining Techniques in understanding Home Interview Surveys Employed for Travel Demand Estimation", International Conference DMIN 2008, World Congress in Computer Science, Los Vegas, USA.
8. A. Sai Hanuman, Dr. A VinayaBabu, et al. "The Role of Data Mining in CRM for Efficient Campaign Management", International Conference, ICACT 2008.
9. A. Sai Hanuman, et al. Dr. A VinayaBabu, et al. "Data Mining in a Regression Framework", International Conference, ICACT 2008.
10. A. Sai Hanuman, "Application of Data Mining Techniques to Transportation Demand Modeling Using Home Interview Survey Data", International Conference, ICSCI 2008.

National conferences:

1. A.Sai Hanuman et.al "Text Document Clustering with a Variant Partitional Approach" National Conference on Advanced Computing and Pattern Recognition ACPR-14 in Association with CSI and ISTE (8-9 Jan 2014).
2. A. Sai Hanuman et al. "The Evolution of Open Source Software for Data Mining - An overview", National Conference on Research Areas in Computer Science, SRM University, INDIA April 2008.



Dr.P. Vijayapal Reddy

Professor of CSE

Qualifications: Ph.D(Computer science and Engineering, JNTUH, Hyderabad 2013), M.Tech(Computer Science and Technology, Andhra University campus college 2002) , B.Tech(Computer science and Engineering , BapatlaEngg. College 1998)

Experience: 14 years

Research Interest: Information Retrieval, Natural Language processing.

JournalPublications/Conference Proceedings: 09

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

No of guest lecturers: 05

Journal publications

International publications

1. P.Vijayapal Reddy and Dr.A.Govardhan" Learning Approaches toward Title Word Selection on Indic Script ", International Journal on Computer Science and Engineering (IJCE), Vol. 3 - No. 3, pp. 1063 67, 2011.
2. P.Vijayapal Reddy and Dr.A.Govardhan et al. "Analysis of BMW Model for Title Word Selection on Indic Script ", International Journal of Computer Applications (IJCA), Volume 18 - No.8, March 2011.
3. P.Vijayapal Reddy and Dr.A.Govardhan et al. "Statistical Translation based Headline Generation for Telugu", International Journal of Computer Science and Network Security (IJCSNS), Vol. 11 No. 6, June 2011, pp. 295 -99.
4. P. Vijaypal Reddy, MekalaSreenivas and B.VishnuVardhan "Text Classification using Text Summarization A case study on Telugu Text ", International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE),Volume 3, Issue 7, pp. 1399 1403, 2013.
5. P. Vijayapal Reddy, M. VaraprasadRao "A statistical model for gist generation: A case study on Hindi News article", International Journal of Data Mining & Knowledge Management Process (IJD KP) Vol.3, No.5, September 2013.
6. P. Vijayapal Reddy, et al " a comparative study on term weighting methods for automated telugu categorization with effective classifiers", International Journal of Data Mining & Knowledge Management Process (IJD KP) Vol.3 No.6, November 2013.

International Conferences:

1. P.Vijayapal Reddy and Dr.A.Govardhan et al. "Approaches of Dimensionality Reduction for Telugu Document Classification ", International Conference on Asian Language Processing (IALP)- IEEE conference, 2009, pp. 259-64.
2. P.Vijayapal Reddy and Dr.A.Govardhan et al. "Corpus based Extractive Document Summarization for Indic Script ", International Conference on Asian Language Processing (IALP)- pp. 154-157 -IEEE conference, 2011.
3. P.Vijayapal Reddy, B.Vishnuvardhan, "An empirical evaluation of dimensionality reduction using Latent Semantic Analysis on Hindi Text", International Conference on Asian Language Processing (IALP) pp. 21-24 -IEEE conference, 2013.



Mr. G. Mallikarjuna Rao

Professor

Qualifications : PhD (Computer Science) (JNTU-H, in progress, Registered 2009), M.E (Digital Systems) (Osmania University, 1993), M. Tech (Computer Science and Engg) (JNTU, 2008)

Experience: 22 years

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

Journal Publications/Conference Proceedings: 18

Journal publications

International publications

1. MallikarjunaRao G "Weighted Local Active Pixel Pattern (WLAPP) for Effective Face Recognition" in International Journal of Science and Engineering Research-IJSER, Vol 4, Issue 8, Aug-2013.
2. MallikarjunaRao G "Weighted Local Active Pixel Pattern (WLAPP) for Face Recognition in Parallel Computation Environment" in International Journal of Science and Engineering (IJSE), vol.5(2), ISSN:2086-5023 pp 41-46 Oct-2013.
3. MallikarjunaRao G, "Role of Active Pixels for Efficient Face Recognition on Mobile Environment", International Journal of Intelligent Information Processing (IJIP), Volume 2, Number 3, September 2012.
4. MallikarjunaRao G "Efficient Face Recognition using Local Active Pixel Pattern (LAPP) for Mobile Environment", CSI Journal of Computing - Computer Society of India, Vol. 1 No.1, pp 1-5, 2012.



5. MallikarjunaRaoG ,“ Face Recognition Applications using Active Pixels”, International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622 www.ijera.com, 2012, Vol. 2, Issue 4, July-August 2012.
6. MallikarjunaRao G, “Fast Local Binary Patterns for Efficient Face Recognition” , Internat. J. of Sci. and Eng. Vol. 2(2):22-26, Dec. 2011.

National Publications

1. MalikarjunaRao G, "Lizard Learning Algorithm", Journal of Computer Science , 2007.
2. MallikarjunaRao G, “Efficient Face Recognition using Local Active PixelPattern (LAPP) for Mobile Environment” , CSI Journal of Computing - Computer Society of India, 2012, Vol. 1

Conference Proceedings

International Conferences

1. MallikarjunaRao G, “Exploration of Active Pixels in Intelligent Face Recognition for Constrained Mobile Systems”, 5th Indian International Conference on Artificial Intelligence (IICAI-11). IICAI-11 will be held during December 14-16, 2011.
2. MallikarjunaRao G, “An Investigation into the Use of Partial Face in the Mobile Environment”, ISVC'11 Proceedings of the 7th international conference on Advances in visual computing ,Springer-Verlag Berlin, Heidelberg ©2011, Volume Part Pages 526-535.
3. MalikarjunaRao G, "Lizard Learning Algorithm", International Conference Systemic Cybernetics & Informatics, National Academy of Sciences of Bealrus, 2007, 1-3.
4. MalikarjunaRao G, "Methodological Approach for Machine Based Gender Classification", International Conference on Information Technology (INTL-INFO 2007), Haldia Institute of TechnologyHaldiaCulcutta, 2007, 84-87.
5. MalikarjunaRao G, "Secured Steganography", International Conference , Proceedings of the International Conference on IS, Pondichery, 2005, 1-9.
6. MalikarjunaRao G, "Network Security-Vulnerability in TCP/IP", International Conference, SRKRBhimavaram, 2005.
7. MalikarjunaRao G, "On The Notion of Generalized Rapid Transformation & Its use in Recognizing Patterns Due to Deflection the Weld", The VIII International Conference on JOM Denmark, Conference on JOM Helsing, Denmark, 1997.

National Conferences

1. MalikarjunaRao G, "Adaptive Boundary Detection Using Live Wire Two Dimensional Dynamic Programming", SreeNidhi Institute of Technology & Science, 2005.
2. MalikarjunaRao G, "Intelligent Pattern Recognition of Tactile Sensing Data: Robotic Vision", MS Ramaiah Institute Technology, 2004.
3. MalikarjunaRao G, "Intelligent Pattern Recognition Robotic Vision", National Conference on State of Art Technologies, JNTU Hyderabad, 2004.
4. MalikarjunaRao G, "Intelligent Pattern Recognition of Tactile Sensing Data: Non contact Sensing", Advances in Mechanical Engineering, National level Conference SV university Tirupati, 2004.
5. MalikarjunaRao G, "A Speech Recognition Using Modular General Fuzzy Min-Max Neural Network", Advances in Mechanical Engineering, National level Conference SV university Tirupati, 2004.
6. MalikarjunaRao G, "Recurring Neural Networks with Non-Linear Synopsis for Solving Optimization Problems", Advances in Mechanical Engineering, National level Conference SV university Tirupati, 2004.



Ch. Mallikarjuna Rao

Associate Professor of CSE

Qualifications: PhD (Computer Science) (JNTU-A, in progress, Registered 2008) Computer Science & Engineering, D.E.C.E (Diploma in Electronics & Communication Engg), (State Board of Technical Education, Bangalore, 1994), M.Tech (Computer Science & Engg) (JNTU-A, 2007), BE (Computer Science & Engg) (Dr.B.A.M University, Aurangabad, 1998).

Experience: 15 years

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

Conference Proceedings: 1

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

Conference Proceedings

International conferences

1. Ch.MallikarjunaRao "A Novel Approach for spatial Data Mining and representation, ICACM-2013.



Mr. B.Sankara Babu

Associate Professor, ACE for PG

Qualifications: PhD (ANU, 2011 Registered), M.Tech (Computer Science and Engg) (JNTU-H, 2009), B.Tech (Computer Science and Engg) (JNTU, 2004), D.C.M.E (Computer Engineering) (SBTET&T, 2001)

Experience: 10 years

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

Journal Publications/Conference Proceedings: 03

Certifications: Oracle Certified Java Standard Edition 6 Programmer(OCJP), Oracle data base SQL Certified Expert.

No. of times invited for guest lectures: 1

Journal publications

International publications

1. B.SankaraBabu "Geoportal-A Spatial Cloud Information Service", International Journal of Engineering Science and Technology, Vol. 3, 2011, ISSN: 0975 -5462.
2. B.SankaraBabu "Progression Towards Controlling of Packets Loss in Networks", International Journal of Innovative Technology and Research, Vol. 2, Issue 1, 776-778, December/January 2014.
3. B.SankaraBabu "Algorithm of features selection intended for high dimensional Data" IJRRECS, Vol. 2, Issue 5 May 2014, ISSN 2321-5461.



Ms. V. Sowmya

Associate Professor of CSE

Qualifications: PhD (Computer Science (JNTU-H, in progress registered 2010), M.Tech (Software Engg) (JNTU, 2009), B.Tech (Computer Science and Information Technology) (JNTU, 2004)

Experience: 9 years

Research Interest: Data Mining, Bioinformatics

Journal Publications/Conference Proceedings: 4

Certifications: Oracle Certified Java Standard Edition 6 Programmer(OCJP) Oracle Certified Web Component Developer(OCWCD)



Journal publications

International publications

1. V.Sowmyaet.al"Analysis of Stemming Algorithm for Text Clustering", International Journal of Computer Science Issues ,Vol.8 -issue 5 ,2011,IF: 0.242.

Conference Proceeding

International Conferences

1. V.Sowmyaet.al"Variant Nearest Neighbors for Text Document Clustering" International conference on ICT and Critical Infrastructure in CSI 2013,48th Annual convention of CSI associated with Visakhapatnam Steel Plant (Springer Lncs),ISSN:2194-5365,ISBN:978-3-319-03107-1.

National conferences

1. V.Sowmyaet.al "Text Document Clustering with a Variant Partitional Approach" National Conference on "Advanced Computing and Pattern Recognition" ACPR-14 in Association with CSI and ISTE (8-9 Jan 2014)
V.Sowmyaet.al"A Variant Agglomerative Approach for Text Document Clustering" National Conference on "Modern Trends in Computer Science and Technology" in Association with CSI.



Mr. S. Govinda Rao

Associate Professor

Qualifications:PhD (Computer Science) (JNTU-K, in progress, Registered 2009) ,M.Tech (Information Technology) (Andhra University, 2006), BCA (Computer Applications) (Andhra University, 2001), M.Sc.(Information Systems) (Andhra University, 2003)

Experience: 9+ years

Research Interest: Data Mining, Computer Networks, Networks Security.

JournalPublications/Conference Proceedings: 05

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

Journal publications

International publications:

1. S.GovindaRao: "Clustering Oriented Approach based on Assemble Method" IJITRValume.No.-1, Issue No.-5, August-September2013
2. S.GovindaRao: "Plagianized web page Detection by Measuring the Dissimilarities Using SIFT" ,Journal of Computing, Valume No.-4, Issue-5, May 2012
3. S.GovindaRao: " A Novel Approach to Protect web Content Using Bascode" Journal of Computing, Valume No.-4, Issue-5, 2012



4. S.Govinda Rao "Progression Towards Controlling of Packet Loss in Networks" IIJTR, vol-2, issue-1, 776-778 December-January 2014.
5. S.Govinda Rao "Clustering perspective in Attribute Based Data Set in the Collaborative learning Behaviour" IJECS ISSN: 2319-7242 vol-3, issue-3 march 2014.



Mr. P.L.Srinivasa Murthy

Associate Professor

Qualifications: Ph.D (Computer Science and Engineering) (JNTUK, 2010), M.Tech (Computer Science and Engineering) (JNTUA, 2007), B.E. (Gulbarga University, 1995).

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

- 1 P.L.Srinivasa Murthy, "Internal Circulation book for Micro Processor", GRIET. Conference Proceedings

National conferences

1. P.L.Srinivasa Murthy, "Effective Multicasting for Secure Group Communication with Low Communication Overhead" A two day National Conference on COSMOS, 2012.
2. P.L.Srinivasa Murthy "Effective Analysis of Off loading Systems Operating in ADHOC-Networks" A two day National Conference on Network Security, 2012.



Ms. S.Bhargavi Latha

Assistant Professor

Qualifications : Phd (JNTUH, In progress), M.Tech (Computer Science Engineering) (JNTU, 2009), B.Tech (Computer Science and Engineering) (JNTU, 2002).

Experience: 9+ years

Research Interest: Image processing.

Journal Publications/Conference Proceedings: 01

Conference Proceedings

National Conference:

1. S.BhargaviLatha "Face Recognition A review" in NCECT-2013, GRIET



Ms.V.Sri Lakshmi

Assistant Professor of CSE

Qualifications: M.Tech (Computer Science and Engineering) (JNTU, 2011), B.Tech (Computer Science and Engineering) (JNTU, 2002)

Experience: 8 years

Research Interest: Data Mining , Neural Networks

Conference Proceedings: 1

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

Conference Proceedings

National conferences:

1. Srilaxmi, "Text Document Clustering with an improved K Modes Approach" National Conference on "Modern Trends in Computer Science and Technology" in Association with CSI, 2013.



Ms. Ch.Vidyadhari

Assistant Professor of CSE

Qualifications: M.Tech (Software Engineering) (JNTU, 2008), B.Tech (Computer Science and Engineering) (JNTU, 2004).

Experience: 6 years

Research Interest: Data Mining , Neural Networks

Conference Proceedings: 1

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

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

Oracle Certified Web Component Developer(OCWCD)

Conference Proceedings

National conferences:

1. Ch.Vidyadhari, "Text Document Clustering with an improved K Modes Approach" National Conference on "Modern Trends in Computer Science and Technology" in Association with CSI, 2013.



Ms. AshlinDeepa R. N

Assistant Professor

Qualifications: M.Tech-2007, M.sc -2005, Ph.D Reg-2011

Experience: 5years

Research Interest: Image processing

Journal Publications/Conference Proceedings: 1

Conference Proceeding

National conferences

1. R.L.N AshlinDeepa "Pattern Recognition-A review" in NCECT-2013

International conferences

1. R.L.N AshlinDeepa "A multiset approach for recognition of handwritten characters using puzzle pieces" in Computer Science & Information Technology (CS & IT)-2012.



Ms. Y. Krishna Bhargavi

Assistant Professor

Qualifications: B.Tech(Information Technology)(Godavari Institute of Engineering Technology-2009), M.Tech (Software Engineering) (Shri Vishnu Engineering College for Women-2011).

Experience: 3 years

Research Interest: Machine Learning, Data Mining

Journal Publications/Conference Proceedings: 3

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

Journal publications

International publications

1. Y.KrishnaBhargavi, "Application Of Edge Based Segmentation In Bio-Metric Security System", IJAEA 2011.
2. Y.KrishnaBhargavi, "Application Of Edge Based Segmentation In Finger Print Images", IJERIA, 2011, Vol 4 No.1.

Conference Proceedings

International Conferences:

1. Y.KrishnaBhargavi, "Blog Popularity Mining Based On Conceptual Clustering", Proceedings Of International Conference On Nanoscience, Engineering & Advanced Computing, 2011.



Ms. B. Rupa

Assistant Professor of CSE

Qualifications: M.Tech(Computer Science and Technology, P.B.R. Vishyodaya Institute of Technology, 2012), B.Tech(Computer science and Engineering , Gokula Krishna College of Engineering, 2005), .

Experience: 6+ years

Research Interest: Data Mining, Cloud Computing

Conference Proceedings:1

Conference Proceedings

International Conferences:

1. B.Rupa and V.Sunil Kumar."Fuzzy Keyword Search over Encrypted Data in Cloud Computing ", National Level Conference and Technical Symposium INFOQUEST, 2012, pp. 100.



Ms. K.Thrilochana Devi

Assistant Professor of CSE

Qualifications :M.Tech (Computer Science and Engineering, QIS college of Engineering and Technology, 2011), B.Tech(Computer science and Engineering , Nalanda Institute of Engineering & technology, 2006) ,

Experience: 6 years

Research Interest: Data Mining,

Conference Proceedings: 01

Conference Proceedings

National Conferences:

1. K.Thrilochana Devi, "Document Clustering Techniques For Hierarchical Peer Environment ", National Level Conference on Technology and Research advances in Computer Science, pp.100.



Ms. K.Rama Gayathri

Assistant Professor of CSE

Qualifications: M.Tech (JNTUH-2012), B.Tech(JNTUK-2010).

Experience: 1 year

Research Interest: Cryptography and Network security.

Journal Publications: 1

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

Journal publications

International publications

1. K.RamaGayathri, "Node ID assignment with Leveraging identity based cryptography: A computational approach in Structured p2p", IJECT, Vol 4, issue 1,2013.



R.Soujanya

Assistant Professor

Qualifications: M.Tech (Computer Science) (JNTU Hyderabad-2012), B.Tech (Computer Science and Engineering) (JNTU Hyderabad, 2008).

Experience: 4 year

Research Interest: Network Security

Conference Proceedings: 1

Conference Proceedings

National Conference

1. R.Soujanya, "Blocking Misbehaving Users in Anonymizing Network" National Conference on Wireless Communications and Mobile Computing (WCMC-12) Muthangi,Medak, 25th August 2012.



Ms. G.Karuna

Assistant Professor of CSE

Qualifications: Ph.D. (Computer Science) (JNTUH, in progress, Registered 2011), M.Tech (Computer Science & Engg) (JNTUH, 2010), MCA (IGNOU University, New Delhi, 2004).

Experience: 8 years

Research Interest: Network security, Image Processing.

Journal Publications/ Conference Proceedings: 4

Certifications: Oracle Certified Java Standard Edition 6 Programmer (OCJP)
Oracle Certified Web Component Developer (OCWCD)

Books published

- "Programming and Data Structures" (I-B.Tech, Civil & Mech, SCDE, JNTUH), BSP Publications, 2010.
- "C & Data Structure" (I-B.Tech, ECE & EEE, SCDE, JNTUH), BSP Publications, 2010.

Journal publications

International publications

1. G.Karuna, "An efficient representation of Shape for Object recognition and Classification using Circular Shift Method ", International Journal of Scientific and Engineering Research, Vol 4, Issue 12, December 2013, IF: 1.6
2. G.Karuna, "Hiding Technique in Image processing Using DCT", International Journal of Advanced Computing, Vol 2, 2010. Conference Proceedings

National conferences:

1. G.Karuna "Custom queuing method for improvement of Security-Aware Packet Scheduling Algorithm", 2010.
2. G.Karuna, "Analyze the customer behavior from E-Commerce Data using Data Mining Technique", 2009.



Ms. S T G Y Sandhya

Assistant Professor of CSE

Qualifications: M.Tech(Computer Science and Engineering, TRR college of Engineering and Technology, 2012), B.Tech (Computer science and Engineering , SrideviWomens Engineering college 2009).

Experience: 5 years

Research Interest: Computer Networking and Distributed computing

Conference Proceedings: 02

Conference Proceedings

International Conferences

1. Sandhya STGY, RanjithaGade ,Srvanathi.K, "Mobile Cloud Computing-The Future Of Communication & A Revenue Generating Model For Telecom Operators ",International Conference on Recent Trends in Computer Science and Engineering, pp. 74.
2. Sandhya STGY, RanjithaGade , Dr.VakaMurali Mohan, "A Study Of Network Security Attacks-Ddos Attacks ",International Conference on Recent Trends in Computer Science and Engineering, pp. 87.



Ms K.Swanthana

Assistant Professor

Qualifications: M.Tech (Software Engineering) (JNTU Hyderabad-2012), B.Tech (Computer Science and Engineering) (JNTU Hyderabad, 2010).

Experience: 1year.

Research Interest: Networking.

Conference Proceedings: 04

Conference Proceedings

National Conference:

1. K.Swanthana, et al. "Implementation of College Forum and Communicator in a Website" National Conference on Emerging Trends in Information Technology(NCETIT -12) organized by IMS Ghaziabad,November 2012.

2. K.Swanthana, et al. "Secured Health System" National Conference on Emerging Trends in Information Technology(NCETIT -12) organized by IMS Ghaziabad,November 2012.
3. K.Swanthana, et al. "Onstream Telecom Customer Service"National Conference on Emerging Trends in Information Technology(NCETIT -12) organized by IMS Ghaziabad,November 2012.
4. K.Swanthana, et al. "Managing Contents Hosted on a Website"National Conference on Emerging Trends in Information Technology(NCETIT -12) organized by IMS Ghaziabad,November 2012.



K.Swapnika

Assistant Professor

Qualifications: M.Tech (Software Engineering) (JNTU Hyderabad-2012), B.Tech (Computer Science and Engineering) (JNTU Hyderabad, 2010).

Experience: 1year.

Research Interest: Networking.

Conference Proceedings: 04

Conference Proceedings

National Conference:

1. K.Swapnika, et al. "Onstream Telecom Customer Service"National Conference on Emerging Trends in Information Technology(NCETIT -12) organized by IMS Ghaziabad,November 2012.
2. K.Swapnika, et al. "Managing Contents Hosted on a Website"National Conference on Emerging Trends in Information Technology(NCETIT -12) organized by IMS Ghaziabad,November 2012.
3. K.Swapnika, et al. "Secured Health System" National Conference on Emerging Trends in Information Technology(NCETIT -12) organized by IMS Ghaziabad,November 2012.
4. K.Swapnika, et al. "Implementation of College Forum and Communicator in a Website"National Conference on Emerging Trends in Information Technology(NCETIT -12) organized by IMS Ghaziabad,November 2012.



Ms. R. Anuradha

Assistant Professor of CSE

Qualifications: M.Tech (Computer Science Engineering) (JNTUH, 2013), B.Tech (Computer Science and Engineering) (JNTUH, 2011).

Experience: 8 Months

Research Interest: Network Security

Journal Publications/ Conference Proceedings: 1

Journal publications

International publications

1. R. Anuradha "Distributed Storage Integrity Auditing for Secure Cloud Storage Services" in International journal of advanced research in computer science and software engineering IJARCSSE, Vol. 3, ISSUE.8, August 2013, IISN: 2277128X



Ms. P. Keerthana

Assistant Professor of CSE

Qualifications: M.Tech (Computer Science And Engineering), (GRIET Autonomus under JNTUH), B.Tech (Computer Science and Engineering) (JNTUH).

Experience: 8 Months

Research Interest: Data Mining

Journal Publications/ Conference Proceedings: 1

Journal publications

International publications

1. P.Keerthana "Clustering Oriented Approach based on Assemble Method" IJITR Volume.No.-1, Issue No.-5, August-September 2013.



Ms. B. Revathi

Assistant Professor of CSE

Qualifications: M.Tech(Computer Science And Enggineering) (JNTUA), B.Tech(Information Technology) (JNTUA)

Experience: 3 years

Research Interest: Software Engineering, Data Mining

Journal Publications/ Conference Proceedings: 1

Journal publications

International publications

1. B.Revathi, " Techniques to Ensure Reliable Data Transfer and Congestion Control in Wireless Networks " in International Journal of Advanced Technology and Innovative Research Volume. 06, IssueNo.04, June-2014.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

INTRODUCTION

Department of Electronics and Communication Engineering (ECE) was established in the year 1997. It conducts a B.Tech program in ECE and two M.Tech programs in Embedded Systems and VLSI. The Department has several well-equipped laboratories, namely, Microwave Engineering, Digital Communications, Electronic Computer Aided Design and VLSI, Digital Signal Processing, Microprocessors and Microcomputers, IC Applications, Analog Communications, Electrical Engineering, Pulse and Digital Circuits, Electronic Circuit Analysis, Electronic Devices and Circuits, Simulation, Computer Programming, Engineering Drawing, Engineering Physics and Chemistry, and Advanced English Language Communication Skills.

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

S.No	Name of the Faculty	Degree Awarded	No. of Publications (journals/conferences)
1	Dr.T.C.Sarma	2007	56

Research Projects/FDP's/Seminar Grants/Sanctioned

S.No	Name of the Faculty	Title	Name of the Funding Agency	Amount in Lakhs	Year
1	Dr. T.C.Sarma	MODROBS	AICTE	18	2013

Resource Mobilization for Research (TEQIP-II)

S.No	Name of the Faculty	Title	Name of the Funding Agency	Amount	Year
1	A. Radhanand	Embedded system to through Arduino	TEQIP-II	17,875	2013

FACULTY AND THEIR PUBLICATIONS



Dr. T. C. Sarma

HOD & Professor of ECE

Qualifications: B.E(Electronics & Communication Engineering) 1973(First class with distinction), Andhra University, India, Ph.D (BITS,PILANI-2007)

Experience:10(Teaching) 37(Industry)

Research Interest: Reconfigurable Systems, Embedded Systems, Intelligent Systems

Journal Publications/ Conference Proceedings: 56

Journal Publications:

International Publications

1. K.Sudha Rani, T.C. Sarma & K.Satya Prasad, Face Recognition Office Security System Using Lab View 8.6 , International Journal of Electronics, Communication & Instrumentation Engineering Research and Development (IJECIERD) Jun 2013, Vol. 3, Issue 2, pp:195-200.
2. K.SudhaRani, T. C. Sarma & K.Satya Prasad, Text File Encryption Using FFT Technique in Lab View 8.6, International Journal of Research in Engineering and Technology (IJRET), Sep 2012, Vol. 1 Issue 1, pp.29-45.
3. T.C.Sarma, P.V.V.S.Rao,A.Venugopal,k.Chakradhar and P.Ravindra Kumar, Design of High Bit Rate Digital Correlators, IEEE TENCON–2003, Institute of Electronics and Electrical Engineering Region10 Technical Conference on Convergent Technologies for the Asia-Pacific, October 14– 17, 2003, Bangalore, India. IEEE Catalog No: 03CH 37503, Vol.4, pp 1485-1488.
4. 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

1. T.C.Sarma,et al.,‘System Design of Indian Landsat Earth Station’ was presented at 2nd Asian Conference on Remote Sensing Beijing, China. ISRO Publication No. ISRO-TR-18-81 ,1981.
2. T.C.Sarma, et al.,Satellite Image Processing System (SIPS) – Design and Development, International Geoscience and Remote Sensing Symposium



(IGARSS) 1989 held in conjunction with 12th Canadian Symposium on Remote Sensing and URSI Commission F held at University of British Columbia, Canada, July 10th – 14th, 1989 (Paper IV Session D1 JUL 10, under the theme “Processing Systems”).

3. This was further published in the Asian Pacific Remote Sensing Journal by Regional Remote Sensing Programme (RRSP) under ESCAP/ UNDP, July 1990.
4. T.C.Sarma and C.V.Srinivas, S-Band MSMR Archival and Realtime System (SMART) for IRS-P4 satellite, International Symposium on Advances in Microwave Remote Sensing Applications at CSRE, IIT – Mumbai, India, January 21 – 23, 2003.
5. T.C.Sarma, P.V.V.S.Rao and A.Venugopal, “Design and Development of Remote Sensing Data Channel Performance Evaluator Simultaneously during the Video Data Download”, IEEE India Council, 29th Annual Convention IEEE ACE-2003, under the theme : Emerging Technology Trends, Pune, India December 12 – 13, 2003 .
6. T.C.Sarma, A.Venugopal and T.Srujana, “Evolving System for remote control configuration and management” for an international seminar –IEEE TENCON 2006, Hong Kong November 14-17, 2006. ISBN:1-4244-0549-1. Digital Object Identifier: 10.1109/TENCON.2006.344212.
7. T.C.Sarma, Data Archival and Real-time Systems for Remote Sensing Satellites, 36th IETE Technical Conference, (A special workshop of IETE on Remote Sensing Ground Stations)Hyderabad, India, Oct 2-3, 1993.
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 ISOI and Department of Instrumentation and Control, Pune Institute of Engineering and Technology, December 19-21, 2004 PUNE, India.
9. T.C.Sarma, T.Lingam,A.Venugopal and T.Srujana, “Design and Fabrication Considerations for EMI-EMC Compliance IRIG-A Timing System for Remote Sensing Satellite Data”, 36th Mid-Term Symposium on “Emerging and Futuristic Communication Systems” (EFCOS – 05) by IETE at IISC, Bangalore, April 29-May 01, 2005,pp. 185-192.
10. T.C.Sarma and P.Srinivasulu “Characterization of the Remote Sensing Data Acquisition through Simulation for Real time Data Acquisition”, International Conference on Next Generation Communication Systems, ICON GENCOM-2006, Dec.9-11,2006, JK Institute of Applied Physics & Technology, Allahabad. Proceedings pp.226-229.



11. T.C.Sarma and C.V.Srinivas, "Modeling of a station to track the Overhead satellite passes for Remote Sensing satellites", International Conference on next generation communication System, ICONGENCOM-2006, Dec.9-11, 2006, JK Institute of Applied Physics & Technology, Allahabad, Proceedings pp.243-245.
12. T.C.Sarma and C.V.Srinivas, "Design and Implementation of high bit rate satellite image data ingest and processing system", International Conference on Signal Processing, Communications and Networking (ICSCN 2007), by Dept. of Electronics Engineering, Madras Institute of Technology, Chennai, February 22-24, 2007, proceedings by IEEE publications management group, printed by Allied publishers, Chennai, pp 149-152
13. T.C.Sarma and C.V.Srinivas "Design and development of elevation independent tracking system for the remote sensing satellite data acquisition", International Conference on Signal Processing, Communications and Networking (ICSCN 2007), by Dept. of Electronics Engineering, Madras Institute of Technology, Chennai, February 22-24, 2007, proceedings by IEEE publications management group, printed by Allied publishers, Chennai, pp 204-207.
14. T.C.Sarma, Venugopal and T.Srujana, Realtime data quality assessment of remote sensing satellite data reception, IEEE TENCON 2007 scheduled to be held during October 30 – November 02, 2007, at Taipei International Convention Center, Taipei, Taiwan. (Accepted Paper ID # 00572).
15. T.C.Sarma, A.Venugopal and T.Srujana, Remote Configuration and management of cross point switch through evolvable Hardware, International Conference on Intelligent and Advanced Systems, ICIAS 2007, Scheduled for November 25-28, 2007, KL Convention Center, Kuala Lumpur, Malaysia by University of Technology PETRONAS. Paper ID # 15690 51497
16. T.C.Sarma, PVVS Rao and A.Venugopal, Analysis and Design of doppler compensated clock for synchronization during data loss from remote sensing satellites, International Conference on Intelligent and Advanced Systems, ICIAS 2007, Scheduled for November 25-28, 2007, KL Convention Centre, Kuala Lumpur, Malaysia by University of Technology PETRONAS. Paper ID # 15690 56207.
17. T.C.Sarma, PVVSRao and A.Venugopal, Analysis and design of Doppler compensated clock for Synchronization during the data loss from remote sensing satellites, International Conference on Signal Processing, Communications and Networking (ICSCN-2008) scheduled to be held at MIT, Chennai during Jan.04-06, 2008.



18. T.C.Sarma, Design and development of automatic Report Generation System for Realtime data acquisition for Remote Sensing Satellites, for an International Conference on Sensors, Signal Processing, Communication, Control and Instrumentation (SSPCCIN), scheduled from January 03-05, 2008 at VIT, Pune.
19. T.C.Sarma & A.Venugopal, Near Realtime high speed satellite based data distribution system for remote sensing satellite Image data, for Indo-US Symposium on Data, Information & Knowledge Spectrum (ISDIKS- 2007), December 13-15, 2007, Amrita Viswa Vidyapeetham, Kerala State, 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.
21. T.C.Sarma & A.N.Satyanarayana, Modelling of Tracking errors for Remote Management of Remote Sensing Satellite data acquisition, for an International Conference on Sensors, Signal Processing, Communication, Control and Instrumentation (SSPCCIN), scheduled from January 03-05, 2008 at VIT, Pune, India.
22. K.Sudha Rani, A.Swapna Rani, K.Mani Kumari, T.C.Sarma &K.Satya Prasad, Lab view Based Brain Tumor Area and Length Detection In CT and MRI Scan Images, 2nd International Conference on Computing, Engineering and Information Technology (ICCEIT 2013), Sept 20, 2013, pp: 71-74, Bangalore, India.
23. K.Sudha Rani, R.Ravindra Reddy, K. ManiKumari, T.C. Sarma & K.Satya Prasad, 3D DICOM Images Reconstruction using Lab view, International Academic Conference on Electrical, Electronics and Computer Engineering 2013(IACEEC2013), pp: 5-7, Nov 02, 2013, Bangalore, India.

National Proceedings

1. T.C.Sarma, et al.,'Video Disk as an Interface to TPA-70 computer' SEO – SAC – P306 – 76-04-5-10 in April 1976,SAC/ISRO Publication.
2. T.C.Sarma, et al.," Graphic Display System", SAC/ISRO Publication SEO – SAC – PE06 – 76 – 02 – 5 – 02 in March 1976.
3. T.C.Sarma, et al.,'Landsat Tape to TV Display' NRSA-TR-0104 Volume 11 of 1980,.NRSA/DOS Publication.



4. T.C.Sarma, et al.,A Scientific Excursion with Earth Station Complex, NRSA – ESD – IR-02(A), Feb.1983, NRSA/DOS Publication.
5. T.C.Sarma,et al.,‘The Color Display System’ NRSA-TG-RRSSC-85-01/ Feb.1985,NRSA/DOS Publication.
6. T.C.Sarma K.K.Rao and R.Ravi Kumar, Bit Error Analyser, Seventeenth National Systems Conference (NSC – 93), Dec. 24th – 26th, 1993, IIT- Kanpur,Allied publishers,New Delhi,1993,pp. 53-56.
7. T.C.Sarma, P.Srinivasulu and B.Venunadha Babu, High Density Digital Tape Certifier, National Symposium on Electronic Product Design (NSEPD – 94), Feb.18th -20th, 1994, Aurangabad,Allied publishers, New Delhi,1994,pp. 139-144.
8. T.C.Sarma and P.V.Mathew, PC Based Tape Certifier System, 18th National Systems Conference(NSC – 94 , paper Code : CMM – 40), Faculty of Engineering, Dayalbagh Education Institute, Agra,January 14 – 16, 1995.
9. T.C.Sarma, PVVS Rao and A.N.Satyanarayana, AVHRR Data Link Analyser,TROPMET-95,Advances in Meteorology by Indian Meteorologica Society, Tata McGraw-Hill,New Delhi,,pp. 535-538.
10. T.C.Sarma and S.Yadagiri, Real-time AVHRR Data Monitoring System, TROPMET-95,Advances in Meteorology by Indian Meteorological Society,Tata McGraw-Hill,New Delhi,pp. 531-534.
11. T.C.Sarma, C.V.Srinvas and A.Venugopal, PCBased Real-Time Direct Data Archival System for Metsat, Tropmet 2000,National Symposium on Tropical Meteorology ,Feb1-4, 2000, proceedings by Indian Meteorological Society, pp 359-367.
12. T.C.Sarma, P.V.V.S.Rao, Radha.N., and A.Venugopal, Bit Error Rate Test System, National Symposium on Instrumentation, (NSI –27), November 27 – 29, 2002, Bharathiar University, Coimbatore, India.
13. T.C.Sarma and K.K.Rao, “IRS-P6 Satellite Real-time Data Archival, Quick Look and Browse System, National Seminar on Remote Sensing and its application in Environmental Management”, March 25 – 27, 2004 Bangalore University, Bangalore, India
14. T.C.Sarma, P.V.V.S.Rao and A.Venugopal, “Reducing the BER Measurement times by means of statistical approaches for Realtime Remote Sensing Satellite Data Acquisition Channel Performance Evaluation during Image Data



Download", National Symposium on Instrumentation (NSI-30), November 30th, December 1-2, 2005, Cochin University, Cochin, India.

15. T.C.Sarma and C.V.Srinivas, "Remote Sensing Satellite Data Management System – D2R2T approach", National Conference on Recent Trends in Electronics and Instrumentation (RTEIT-2006) by Electronics and Telecomm and IT dept., SRE College of Engineering, Kopargon, July 28-29, 2006, under data mining and warehousing, pp. 137-143.
16. T.C.Sarma and C.V.Srinivas, "Real Time Remote Sensing Satellite Data display at remote location by using Broad Band Network," National Conference on Broad Band Communications Systems (NCBCS-2006), organized by VIIT, Pune, Sep 2-3, 2006, proceedings by Tata McGrawhill, New Delhi, pp 127-133.
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.
18. T.C.Sarma and C.V.Srinivas, "Station Control for Remote Sensing Satellite Data Acquisition", 41st National Convention of CSI 2006, Proceedings by Tata MCGrawhill, New Delhi, 2006, pp. 289-292 .
19. T.C.Sarma, C.V.Srinivas, et al., "Realtime Data Acquisition Information Systems for Remote Sensing Satellites", 41st National Convention of CSI 2006, Proceedings by Tata MCGrawhill, New Delhi, 2006, pp. 293-296.
20. T.C.Sarma, Realtime Space Imaging, National Workshop on Pattern recognition and Image Processing, Nagarjuna University, Guntur, AP, India, Dec. 18-20, 2006, proceedings by the university, pp. 139-148.
21. T.C.Sarma, Evolvable Hardwares for remote management of systems, National Workshop on VLSI and Image Processing, Chaitanya Bharathi Institute of Technology, Hyderabad, India, Dec. 8-9, 2006.
22. T.C.Sarma, Evolvable Hardwares, National Conference on Engineering Trends in Electronics (NCETE-2006), Maharashtra Academy of Engineering, Pune, India, Dec 28-29, 2006.
23. T.C.Sarma, "Reconfigurable Satellite data simulators for Remote Sensing Satellites", National Symposium on Instrumentation, (NSI-31), Oct. 12-15, 2006, by ISOI and ITM at ITM, Gwalior (paper#209).
24. T.C.Sarma, A.Venugopal and T.Srujana, "Implementation of Remote Diagnostics and field upgradability in IRIG-A timing systems", National



Symposium on Instrumentation,(NSI-31),Oct.12-15, 2006, by ISOI and ITM at ITM, Gwalior (paper#289).

25. T.C.Sarma, PVVS Rao, C.Ashok Kumar, Improving the satellite image location accuracy and validation of the clock variation models through GPS time reference, National Conference on Global Navigation Satellite System and its applications (GNSS 2007), organized by Research and Training Unit for Navigational Electronics, Osmania University, Hyderabad during October 25-26, 2007,proc. pp 94-97.
26. T.C.Sarma & CV Srinivas, Development of the onboard GPS data acquisition system for the Orbit determination in Indian Remote Sensing Satellites, National Conference on Global Navigation Satellite System and its applications (GNSS 2007), organized by Research and Training Unit for Navigational Electronics, Osmania University, Hyderabad during October 25-26, 2007, proc. pp 1-4.
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.
28. K.Sudha Rani, A.Swapna Rani, K.Mani Kumari, T.C.Sarma & K.Satya Prasad, Brain Tumor Detection Using Color Thresholding and Edge Detection in Lab view Techniques, National Symposium on Instrumentation -38 (NSI -38),Oct 24-26, 2013, pp: 165, Hubli ,Karnataka,India.
29. K.Sudha Rani, N.Venkata Rao, K.ManiKumari, T.C.Sarma & K.Satya Prasad, Discrete Wavelet Transform in Image Compression Using Lab view, National Symposium on Instrumentation -38 (NSI -38), Oct 24-26, 2013, pp: 166 , Hubli, Karnataka, India.



Mr. V. Aravind

Professor

Qualifications: Pursuing Ph.D B.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

Journal Publications/ Conference Proceedings: 1

Journal Publications:

International Publications

Hand-held Unit for Imaging ISSN: 2249-8958

International Journal of Engineering & Advanced technology



Mr. K.N.B. Kumar

Assoc. Professor

Qualifications: Pursuing Ph.D B.E. (ECE) (Andhra University, 1987), M.Tech (CS) (BIT- Mesra, Ranchi, 2002) Experience: 6(Teaching) 20(Industry)

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

Journal Publications/ Conference Proceedings: 2

Conference Proceedings

International Proceedings

1. Bandwidth Efficient Remote Data Acquisition for Internet ICMID 2010 National Proceedings
2. A systems approach to driver assistance systems in Low visibility conditions ASR-NSC 2009



Mr. T. Jagannadha Swamy

Assoc. Professor

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

Experience: 13years

Research Interest: Digital Signal Processing, Wireless Embedded Networks

Journal Publications/ Conference Proceedings: 7

Journal Publications

International Publications

1. Energy Efficient Architecture to Cognitive Radio Wireless Sensor Networks
International Journal of Computer Networks and Wireless Communications (IJCNWC), ISSN: 2250-3501
2. Non Uniform Grid based Cost minimization in Wireless Sensor Networks
International Journal on Wireless Networks and Broadband Technologies (IJWNBT) DOI: 10.4018/IJWNBT, ISSN: 2155-6261, EISSN: 2155-627X.

Conference Proceedings

International Proceedings

1. "Link Evaluation of Uniform Grid Based Wireless Sensor Networks to Base Station with Leveling and Clustering ICCCI 2013
DOI: 10.1109/ICCCI.2013.6466146.
2. Spectrum sensing: Approximations for Eigen value ratio based detection
ICCCI 2012 DOI: 10.1109/ICCCI.2012.6158914
3. Maximizing the overall throughput of Radio Frequency Spectrum Management in Cognitive Radio Environment ICACM 2011 ISBN:978-93-81269-40-4

National Proceedings

1. DEEP: Dynamic Energy Efficient Protocol to Wireless Sensor Networks for Secure Routing ICMID 2010
2. Adaptive Digital Beam forming for Radar antennas National Congress on CCAES



Mr. M. Kiran

Assoc. Professor

Qualifications: B.Tech (ECE) (Nagarjuna University, 2001), M.Tech (C&C) (JNTU-H, 2007) Experience: 11 yrs

Research Interest: Computers and Communications, Networking

Journal Publications/ Conference Proceedings: 1

Conference Proceedings:

International Proceedings

“Design of optimal fast adder”, ICACCS-2013



Mr. A. Radhanand

Assoc. Professor

Qualifications: Pursuing Ph.D B.E. (ECE) (Andhra University, 1983), M.S. (Software Systems) (BITS- Pilani, 2005), M.Tech (ECE) (JNTU-H, 2008) 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



Ms. N. Swetha

Assoc. Professor

Qualifications: Pursuing Ph.D B.Tech (ECE) (JNTU-H, 2003), M.Tech (ECE) (JNTU-H, 2009)

Experience: 10 yrs

Research Interest: Embedded Systems

Journal Publications/ Conference Proceedings: 1

Conference Proceedings:

International Proceedings

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



Ms.D.L. Chaitanya

Assoc. Professor

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

Experience: 8 yrs

Research Interest: VLSI

Journal Publications/ Conference Proceedings: 1

Conference Proceedings:

International Proceedings

1. Acoustic Emission Sensing Using Zigbee and Mobile Internet Devices(Mids) for Identifying Structural Damages ICMIID 2010



Mr. K. Jamal

Assoc. Professor

Qualifications: Pursuing Ph.D

B.Tech (ECE) (JNTU, 2003), M.Tech (ECE) (BIHER University, 2005)

Experience: 6 (Teaching) 3(Industry)

Research Interest: VLSI

Journal Publications/ Conference Proceedings: 2

Conference Proceedings:

National Proceedings

1. Implementation of low power multiplier in Digital FIR filter NCCCI'12
2. Optimized Implementation of RNS Arithmetic Based on FPGAs NCSIP-2012

International Proceedings

1. Pseudo Random Number Generation using LFSR and low power LFSR, ICPCES-2014, Anna University Chennai.



Mr. M.O.V. Pavan Kumar

Assistant Professor

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

Experience: 8 yrs

Research Interest: VLSI, Analog/Digital System Design

Journal Publications/ Conference Proceedings: 1

Conference Proceedings:

International Proceedings

1. "Design of optimal fast adder", ICACCS-2013



Mr.K.N.V. Khasim

Assistant Professor

Qualifications: B.Sc. (M.P.E.) (Nagarjuna University, 2005), M.Sc. (Electronics) (Andhra University, 2007), M.Tech(Communication Systems),(Andhra University,2012)

Experience: 5 yrs

Research Interest: Communication Systems, Embedded Systems.

Journal Publications/ Conference Proceedings: 5

Journal publications:

International publications

1. Implementation of a Turbo Encoder and Turbo Decoder on DSP Processor-TMS320C6713(IJERD, Volume 2, Issue 5 July 2012)
2. 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-Noiseing 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)
3. Pavement image Analysis Using Radon Transform(ACNCN-2012)



Ms. A. Ambika

Assistant Professor

Qualifications: B.Tech (ECE) (AU,2008), M.Tech(ECE) (JNTUK,2012)

Experience: 3.7 yrs

Research Interest: VLSI

Journal Publications/ Conference Proceedings: 1

Journal Publications:

International Publications

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

Department of ELECTRONICS AND ELECTRONICS ENGINEERING

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.

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 35 faculties out of which 7 are Doctorates and 4 are pursuing PhD's and 23 are holding M.Tech degree. The department has organized many workshops with combination IIT Bombay.

Doctorates in EEE

S.No	Name of the Faculty	Degree Awarded	No. of Publications (journals/conferences)
1	Dr.D.V.Pushpalatha	2012	16
2	Dr. J.Praveen	2007	63
3	Dr.J.Sridevi	2014	11

FACULTY AND THEIR PUBLICATIONS



Prof. P.S.Raju

Professor, Dept.EEE

Qualifications: M.Tech in Power systems from Andhra University(1968) B.Tech (Electrical and Electronics Engineering) (1966).

Experience: 47

Research interest: Power Systems, Power Electronics

Journal Publications/Conference Proceedings: 11

National Journals

1. Raju P S, "Problems in state estimation of power system", Electrical India, Vol. 15, June 1977.
2. Raju P S, "Load Flow studies on practical power systems", Electrical and Electronics World, No.1, Vol.4, 1976.
3. Raju P S, "A digital approach to the determination of steady state regime from Park's equations", Electrical India, Feb 1976.
4. Raju P S, "An arithmetic statement translator", CSI, Jan. 1976.
5. Raju P S, "Computerization of LT consumer bills and receipts", Electrical and Electronics World, No.3, Vol.3, 1975.
6. Raju P S, "Data path tracing in a digital processor", CSI, July 1975
7. Raju P S, "A FORTAN routine for finding the driving point and transfer impedances of a large power system from raw system data", Electrical India, 15 June 1975.
8. Raju P S, "Optimum rescheduling of real power generation", Indian Journal of Power and river valley development, April 1975.
9. Raju P S, "Resynchronization of alternators in regulated power systems", Indian Journal of Power and river valley development, Jan. 1974
10. Raju P S, "State estimation in power systems", Indian Journal of Power and river valley development, July 1973.
11. Raju P S, "Influence of prime-mover regulation on the process of resynchronization of turbo alternators", Indian Journal of The Institution of Engineers (India), Oct. 1972.



Dr. D.V. Pushpa Latha

Professor, Dept. EEE

Qualifications: PhD from Andhra University, Vishakhapatnam(2012) M.Tech Andhra University(1998), B.Tech (Electrical and Electronics Engineering) Gitam University (1995).

Experience: 16yrs

Research interest: Control systems

Journal Publications/Conference Proceedings: 16

Journal publications

International Journal publications

1. 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
2. D.V.Pushpalatha, Swati Devabhaktuni, "On line speed control of PMDC motor using Auto tuning PID through LabVIEW", International Journal of Electronics and Electrical Engineering (IJEET), ISSN: 2301-380X, Vol. 1, No. 4, December, 2013, Engineering and Technology Publishing doi: 10.12720/ijeet.1.4.230-235, Impact Factor 2.2.
3. Swati Devabhaktuni, D.V.Pushpalatha, "Soil Moisture and Temperature sensor based intelligent irrigation water pump controlling system using PIC 16F72 Microcontroller", (IJETED), RS Publication, ISSN:2249-6149 , Issue 3, Vol. 4 , Page No.101-107, July, 2013, Impact Factor 2.87.
4. D.V.Pushpalatha, "Simulation of PLC based Smart Street Lighting Control using LDR", IJLTET, ISSN : 2278-621X, Issue 4, Vol.2, Page No. 113-121, July, 2013.
5. Ch.Ravi Kumar, K.R.Sudha, D.V.Pushpa Latha, "Modelling and control of 5DOF Robot Arm using Neuro-Fuzzy Controller", International Journal of Engineering Research & Technology (IJERT), Vol. 1 Issue 7, September 2012, ISSN: 2278-0181, Page no.1-8, Impact factor 1.76.
6. K.R.Sudha, D.V.Pushpa Latha, "Design of Adaptive Controller for a robot gripper using Support Vector Regression", International Journal of Computational Intelligence and Information Security, March 2011, vol.2, No.3, Page No. 50-54, Impact factor 0.583.
7. Ch.Ravi Kumar, D.V.Pushpalatha, K.R.Sudha, K.A.Gopala Rao, "Design of Lpunov based Fuzzy Logic Controller for PUMA-560 robot manipulator", IJFSL, ISSN: 1839-6283, DEC 2013



8. D.V.Pushpalatha, P.SrividyaDevi, P.M.Sarma, "Measurement of power and energy using Arduino", Research Journal of Engineering Sciences, ISSN 2278-9472, Vol. 2(10), 10-15, October (2013).
9. D.V.Pushpalatha, K R Sudha, Swati Devabhaktuni, "Millenium3 PLC based Temperature Control using LM35", Research Journal of Engineering Sciences, ISSN 2278-9472, Vol.2(6), Page 1-7, June, 2013
10. D.V.Pushpa Latha, K.R.Sudha, "RBF Kernel Support Vector Regression based controller for a Robot Gripper", Journal Of Computing, Vol.3, Issue 3, March 2011, ISSN 2151-9617, Page no.107-111, Impact Factor 1.076.

Conference proceedings

National Conferences:

1. Dr.D.V.Pushpa Latha, M.Rekha, Dr. K.R.Sudha, "System identification of dc motor-generator set using matlab/labview", National Conference on Contemporary control and Soft computing in Electrical Engineering, Andhra University, Visakhapatnam, May, 2013.
2. Swati Devabhaktuni , Dr.D.V.Pushpa Latha , "Speed control of separately excited d.c motor using chopper", National Conference on Contemporary control and Soft computing in Electrical Engineering, Andhra University, Visakhapatnam, May, 2013.
3. Dr.D.V.Pushpa Latha , Dr.K.R.Sudha, Swati Devabhaktuni , "Labview Based Temperature Control Using LM 35", National Conference on Contemporary control and Soft computing in Electrical Engineering, AndhraUniversity, Visakhapatnam, May, 2013.
4. D.V.Pushpa Latha, K.R.Sudha, Ch.Ravi Kumar, "Modelling and control of 5 DOF Robot Arm using Neuro-Fuzzy Controller", National Conference on Contemporary control and Soft computing in Electrical Engineering, Andhra University, Visakhapatnam, 30-31, May, 2012.

International Conferences

1. D.V.Pushpalatha, K.R.Sudha and A.Satya Devi "Design of Adaptive Fuzzy Controller for a Robot gripper" proceedings of IEEE Advances in Recent Technologies in Communication and Computing, ARTCom '09. International Conference on 27-28 Oct. 2009 , pp 254 – 256.
2. Ch.Ravi Kumar, K.R.Sudha, D.V.Pushpalatha, Ch.V.N.Raja, "Fuzzy CMeans Controller for a PUMA-560-Robot manipulator", IEEE Workshop on Computational Intelligence: Theories, Applications and Future Directions, CIS 2013, IIT Kanpur, India, pp. 57-62, July 2013



Dr. J Praveen

Professor & HOD Dept.EEE

Qualifications: Ph.D from Osmania University in Power Electronics(2007) M.Tech (2000) Energy Systems from JNTU, B.Tech (Electrical and Electronics Engineering) from Osmania University (1998)

Experience: 17yrs

Research interest: Power Electronics

Journal Publications/Conference Proceedings: 63

International Journals

1. K Hussain, J Praveen, "A Seven Level Cascaded Multilevel Inverter Based Dynamic Voltage Restorer", Published in International Journal of Electrical, Electronics and Telecommunication Engineering, ISSN: 2051-3240, Vol.44, Issue.1, March 2013, pp. 1121-1129.
2. Dr DP Kothari, Dr J Praveen, KK Jain " Adoption of Synchrophasor Technology in Indian Grid Failures & Blackouts", published in the International Journal of International Organization of Scientific Research (IOSR-JECE), ISBN:2278-8735.PP01-10. 2013.
3. K Hussain, J Praveen, "Power Quality Improvement, Thd Analysis Using Dstatcom ForLow Voltage System", Published in International Journal of Electrical and Electronics Engineering Research, Volume: 3, Issue: 1, March 31, 2013, pp.175-188.
4. N.Srinivasa Rao, J.Praveen "Design and Simulation of New Z Source Inverter for Improving Voltage Quality", published in the International Journal of Electrical and Electronics Engineering Research (IJEEER), Vol.3,Issue 3, Aug 2013, 151-160. ISSN 2250-155X
5. P.N.K.Sreelatha, J.Praveen,V.Kamaraju "Voltage Compensation Using D-Statcomunder Unsymmetrical Faults in Distribution Systems with Static Power Converter Fed DcMotor Load" published in International Journal of Engineering Research and development(IJERD) ,e-ISSN: 2278-067X, p-ISSN : 2278-800X, Volume 5, Issue 4 (December 2012),PP. 27-34.
6. K Hussain, J Praveen, "Voltage Sag Mitigation Using Distribution Static Compensator System", Published in International Journal of Engineering and Technology, Volume 2, No.5, May, 2012, pp.756-760.
7. P.N.K.Sreelatha, J.Praveen, V.Kamaraju "Voltage sags in Distribution Systems with Induction motor loads fed by Power converters and voltage mitigation using DVR and DSTATCOM" published in International Journal of Electrical Engineering (IJEE) journal ISSN0974-2158 Volume 5, Number 7 (2012), pp. 889-901.



8. 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.
9. Dr J Praveen, A Vinay Kumar, " Power Quality Improvement with Dynamic Voltage Restorer using Direct Power Control Strategies" published in International Journal of Electrical, Electronics and Computing Technology pp 20-25 Volume -1, Issue-2, January-April 2011. ISSN 2229-3027.
10. S.Venkateshwarlu, B.P.Muni, A.D.Rajkumar, and J.Praveen "Direct Power Control Strategies For Multilevel Inverter Based Custom Power Devices" published in the International Journal of Electrical and Systems Science, and Engineering, Volume 1 Number 2 , Page no. 94-102. Year 2009.
11. S.Venkateshwarlu, B.P.Muni, A.D.Rajkumar, and J.Praveen " Virtual Flux Direct Power Control using Space Vector Modulation", accepted for publication in the International Journal of Electrical and Systems. Year 2009.

National Journals

1. Rajender Reddy K, Dr J Praveen, M.Sushma "Simulation Study of Indirect Current Control Technique for Shunt Active Filter", published in National Journal on Electrical Power Engineering and Industrial Drives (NJEPEID) Volume-1, Number-2, July-Aug, 2012. ISSN 2231-590X page no's 152-158.
2. K Roopa, Dr J Praveen, Dr S Tara Kalyani, "DPFC for Power flow Control in Transmission System", published in National Journal on Electrical Power Engineering and Industrial Drives (NJEPEID) Volume-1, Number-2, July-Aug, 2012. ISSN 2231-590X page no's 178-185.
3. A Vinay Kumar, Dr J Praveen, Dr S Tara Kalyani, "Adoption of Direct Power Control Strategy for Enhancement of Dynamic Voltage Restorer", published in National Journal on Electrical Power Engineering and Industrial Drives (NJEPEID) Volume-1, Number-2, July-Aug, 2012. ISSN 2231-590X page no's 200-205.
4. 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.
5. 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.
6. 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 been selected for Poster display during the 98th Indian Science Congress [www.isc2011.in] in SRM University, Kattankulathur, Tamilnadu, January 3 to 7, 2011



List of conferences(national/international):

National conferences

1. Dr.P.Kothari, Dr. J.Praveen, K.K.Jain, "Modernization of Indian Grid System by Developing Ultrafast Measurement System Known as SynchroPhasors Technology Using GPS in PMU's to Avoid System Failure", published in the proceedings of National Conference on Advanced research methodologies in Electrical Engineering(ARMEE-2013), June 27th& 28th ,2013, Under TEQIP-II, Madanapalle Institute of Technology and Science, Madanapalle, Chittoor, Andhra Pradesh. .
2. Dr.J.Praveen, "Dynamic Voltage Restorer Different Topologies" , Published in ISTE sponsored National Conference on Non-conventional Energy Sources, 17th November,2009,Gudlavallur College of Engineering. A.P.
3. 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,July12-13th 2013.
4. P.N.K.Sreelatha, J.Praveen, V.Kamaraju "Improvement of Power quality in 11KV/400V Distribution Systems Using D-STATCOM under Open-Conductor and Shortcircuit faults" National Conference On Emerging Trends In Engineering Applications 15th March, 2012 at Alhabeeb college of Engineering and Technology, Hyderabad, published in
5. Vinay Kumar, Dr J Praveen, Dr S Tara Kalyani, "Adoption of Direct Power Control Strategy for Enhancement of Dynamic Voltage Restorer" presented at a National Conference on Electrical Power Engineering and Industrial Drives during May 18-19,2012 Organized by Sreenidhi Institute of Science and Technology (Autonomous), Hyderabad.
6. Dr J Praveen, " Digital Control System applications in Improvement of Power Quality-Digital Simulation of Dynamic Voltage Restorer", presented at a two day National level workshop on Control Systems applications to Power Electronics Drives and Systems- (CSPEDS-2012) on 31st March-1st April 2012, under TEQIP-II at Malla Reddy Engineering College, Secunderabad.
7. Dr J Praveen, "Direct Power Control Strategy in the DVR for enhancing power quality" presented at a National Conference on Electrical Power Engineering and Industrial drives during May 18-19,2012 Organized by Sreenidhi Institute of Science and Technology(Autonomous), Hyderabad.
8. Rajender Reddy K, Dr J Praveen, M.Sushma "Simulation Study of Indirect Current Control Technique for Shunt Active Filter" presented at a National Conference on Electrical Power Engineering and Industrial Drives during May 18-19,2012 Organized by Sreenidhi Institute of Science and Technology (Autonomous), Hyderabad.



9. Dr J Praveen, "Power Quality with Dynamic Voltage Restorer using different PWM patterns", presented at a two day faculty development workshop Feb12&13th, Dept. of Electrical and Electronics Engineering, Malla Reddy Engineering College.
10. Dr J Praveen, "Overview on power quality, Simulation and validation of custom power devices", presented at a one day workshop on Recent Trends in Power Systems on 5th July, 2011 at, Hi-Tech College of Engineering and Technology, Hyderabad-75.
11. Dr J Praveen, "Space vector PWM controlled Dynamic Voltage Restorer to mitigate missing voltage", presented one day workshop on power quality on 16th Sept, 2011 at Narshimha Reddy Engineering College Maisamma Guda, Dhulapally, Secunderabad-500014.
12. Dr. J. Praveen, "Recent trends and advancements in Custom Power Devices and FACTS", presented at one day workshop on Power Quality on 27th Oct, 2011, Department of Electrical and Electronics Engineering, Hyderabad Institute of Technology and Management (HITAM, Formerly Royal College of Engineering.) Medchal, (R.R. Dist.), Hyderabad-501401.
13. 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.
14. Dr. J. Praveen, "Advanced technologies in custom power devices and Power Quality", Presented Expert Lecture at a two day state level technical paper contest YATNA-2K10 at Dept. of Electrical Engineering, Nalla Malla Reddy Engineering College, Divya Nagar, Hyderabad, 26th & 27th March, 2010.
15. Dr. J. Praveen, "Latest trends in custom power devices and Power Quality", Presented Expert Lecture at a one day National level workshop on Advanced Trends in Power System Security & Power Quality ATPSPQ-2010 at Dept. of Electrical Engineering, Vignan Institute of Technology and science, Deshmukhi, Hyderabad, 9th July, 2010.
16. Dr. J. Praveen, "Direct Power Control Strategies for dynamic voltage restore and its application in improving power quality" presented at a two day National Workshop on Recent Advances in Power Systems & Power Electronics, 3rd - 4th September, 2010 Sponsored by ISTE & Guru Nanak Engineering College, Hyderabad.
17. Dr J Praveen, A Vinay Kumar, "Adoption of Direct Power Control Strategy And Dynamic Voltage Restorer for Improvement of Power Quality" presented at sponsored National Conference on Emerging Trends in Engineering & Applications (NCETETA-2010) during 12th & 13th November, 2010 at Shirdi Sai Engineering College, Bengaluru.



18. Dr J Praveen, "Emerging trends in monitoring and restoring power quality and design and simulation of Dynamic voltage restorer" presented at a workshop organized at Srinidhi Institute of Science and Technology, 23rd December 2010, Hyderabad.
19. K.K.Jain, Dr.J. Praveen, and Dr. Pradeep Nirgude, " Today's Waste Tomorrow's Fuel- Hyderabad to get 50MW from Garbage(MSW) - An Energy Recovery from MSW Management" published in the proceedings of National Conference on Power Electronics and Renewable Energy Systems PEARES-2009, March-2009, SSN College of Engineering, Kalavakkam, Chennai.
20. K.K.Jain, Dr.J. Praveen, and Dr. Pradeep Nirgude, "Biogas Production and Bottling into CNG Cylinders and use as Vehicle fuel in India and Abroad(Biogas as Bio CNG)" published in the proceedings of National Conference on Power Electronics and Renewable Energy Systems PEARES-2009, March-2009, SSN College of Engineering, Kalavakkam, Chennai, India.
21. K.Hussainiah, Dr. J.Praveen, " Digital Simulation and Analysis of Custom Power Devices to Enhance Power Quality", published in the proceedings of National Conference of Signal Processing Exceeding Technological Horizon, NCSP-2009, March-2009, Maharashtra Institute of Technology(MIT), Aurangabad, India
22. Dr.J.Praveen" Power Quality issues and Improvement with Custom Power Devices" Presented expert lecture at a two day workshop on "Power Quality" at Muffakham Jah College of Engineering and Technology, Banjara Hills, Hyderabad, 28th and 29th Aug, 2009.
23. Dr. J.Praveen, " Power Quality and Power System Security", Presented Expert Lecture at a two day TEQIP-I sponsored workshop on Power System Security" at Dept. of Electrical Engineering, University College of Engineering (Autonomous), Osmania University, Hyderabad, 14th & 15th September, 2009.
24. 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.
25. Dr.J.Praveen, Dr.H.V.Makthal, Dr.B.P.Muni " Digital Simulation of Dynamic Voltage Restorer to Improve Power Quality" 23rd National Convention of Electrical Engineers & National Seminar on Challenges in Electricity Sector Under Deregulated Environment", November 23-24, 2007, at Institution of Engineers, Pune.
26. J.Praveen, B.P.Muni and H.V. Makthal "Simulation of Multilevel Dynamic Voltage Restorer Based on D-Q Parameters", presented at 2nd National Power Electronics Conference, December 22-24, 2005, IIT Kharagpur. Page no.94-97.



27. J.Praveen, B.P.Muni and H.V. Makthal "Simulation of Voltage Sag, Disturbances and elimination using Dynamic Voltage Restorer" presented at 2nd National Power Electronics Conference, December 22-24, 2005, IIT Kharagpur. Page no.103-106.
28. J.Praveen, B.P.Muni and H.V. Makthal "Improving Power Quality using Cascaded H-Bridge Dynamic Voltage Restorer" presented at Second National Control Instrumentation System Conference CISCON 2005, November 11-12, 2005, MIT, Manipal International Deemed University, Manipal. Page no. 323-327.
29. J.Praveen, B.P.Muni and H.V. Makthal "Dynamic Voltage Restorer" presented at National Conference on Recent Advances in Electrical Engineering, EAR-2005, 10th December, 2005, JNTU College of Engineering, Anantapur . Page no. 29
30. J.Praveen, B.P.Muni and H.V. Makthal "Simulation of Multilevel Dynamic Voltage Restorer for Power Quality Improvement" presented at Power Transmission Research Interest and Challenges International Seminar and Tutorial 20-22nd December, 2005, Central Power Research Institute, Bangalore. Page no 45.
31. J.Praveen, S.Venkateshwarlu, B.P.Muni, A.D.Rajkumar and H.V Makthal "Promising Inverter for Elimination of Harmonics", AICTE Sponsored National Conference, Control Communications and Information Systems, January 23-24, 2004, Government Engineering College, Goa. Page no. 158-163.
32. J.Praveen, B.P.Muni, S.Venkateshwarlu and H.V. Makthal "Review of Dynamic Voltage Restorer for Power Quality Improvement", Industrial Electronics Conference, IECON 2004, IEEE International Conference, Busan, Korea. Page no. 749-754.
33. J.Praveen, B.P.Muni and H.V. Makthal "Simulation of Dynamic Voltage Restorer based on dq Parameters", National Power Systems Conference NPSC, December 27-30, 2004, IIT Madras, Chennai. Page no. 595-600.
34. J.Praveen, S.Venkateshwarlu, B.P.Muni, A.D Rajkumar and H.V.Makthal "Enhancement of Custom Power Devices Power Quality using Multilevel Inverters", National Power Systems Conference NPSC, December 27-30, 2004, IIT Madras, Chennai. Page no. 784-789.
35. J.Praveen, H.V.Makthal and B.P.Muni "Simulation of Inverter Control Circuit using SABER" Presented at Solid State Switching Devices and Applications: Progress and Prospects, A National Conference, The Institution of Engineers, 14-16th July, 2002, Hyderabad. Page no 2.15-2.28.



International conferences

1. Dr DP Kothari, Dr J Praveen, KK Jain " Adoption of Synchrophasor Technology in Indian Grid 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
2. S.Venkateshwarlu, B.P.Muni, A.D.Rajkumar, and J.Praveen"Direct Power ControlStrategies For Multilevel Inverter Based Custom Power Devices" International Conference on Computer, Electrical and Systems Science, and Engineering, 21-23,May 2008. Published in the proceedings of World Academy of Science, Engineering and Technology, Volume 29,Bangkok, Thailand
3. 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
4. P.N.K Sreelatha, J.Praveen, V.Kamaraju, 'Effect of Unsymmetrical faults on Distribution lines with Different Line X/R ratios and Voltage Restoration using DVR with Space Vector Control' published in the proceedings of International Conference on Computing, Electronics and Electrical Technologies-ICCEET-2012 held on 21-22 March,2012 organized by Noorul Islam Centre for Higher Education, Kumaracoil,Thuckalay, Tamilnadu. pp. 14.
5. P.N.K Sreelatha, J.Praveen, V.Kamaraju, 'Voltage Restoration with D-Statcom Under Unsymmetrical Faults on Distribution Lines with variable X/R', published in International Conference on recent Technology-2012, 9-11, February, Organized by Institute of Knowledge College of Engineering, Pune. pp-E-60.
6. Dr J Praveen, "Latest Simulation tools for power electronics and power quality improvement devices design an overview", presented at International Accreditation Councilfor 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.
7. 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 30thJuly,2011 at Raghu Engineering College, Visakhapatnam, A.P.
8. PNK Sreelatha, Dr J Praveen, Dr V Kamaraju," Voltage Sag Compensation with DVRfor 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.



9. Vinay Kumar A, Dr. J.Praveen, " Digital Simulation of Dynamic Voltage Restorer using Direct Power Control Strategy", presented at 2nd International Conference on Nanotechnology and Biosensors (ICNB-2,2011) on 27th and 28th December, 2011 organized by IACQER at Raghu Engineering College, Vishakapatnam, A.P.(page no 302-308).
10. S.Venkateshwarlu, B.P.Muni, A.D.Rajkumar, and J.Praveen" Virtual Flux Direct Power Control using Space Vector Modulation" , accepted for presentation at 2nd International Conference of Electrical Engineering Design and Technologies (ICEEDT'08),November 8-10, 2008, Hammamet, Tunisia.
11. J.Praveen, B.P.Muni and H.V. Makthal " Simulation of Dynamic Voltage Restorer usingSpace Vector PWM" presented at International Conference on Systemics, Cybernatics andInformatics, ICSCI 2006, January 04-08, 2006 Hyderabad. Page no.188-192 .



Mr.V.Vijaya Rama Raju

Associate Professor, Dept.EEE

Qualifications: Ph.D(Pursuing) from JNTU M.Tech (2001), B.Tech (Electrical and Electronics Engineering) (1999).

Experience: 15yrs

Research interest: Power systems

Journal Publications/Conference Proceedings: 7

National Conferences

1. V.Vijaya Rama Raju, M.Chakravarthy, P.M.Sarma, and Dr.S.N.Saxena "Reactive Power Compensation of Grid using DFIG", Proc. of National Conference on Special Electrical Machines & Systems, 16-17 February, 2010, BHEL Corporate R&D Division, Hyderabad, A.P., India.
2. M.Chakravarthy, V.Vijaya Rama Raju, P.M.Sarma, and Dr.S.N.Saxena "Automation of Testing Procedure for Electrical Machines Using PLC", Proc. of National Conference on Special Electrical Machines & Systems, 16-17 February, 2010, BHEL Corporate R&D Division, Hyderabad, A.P., India.
3. Sarma P M, Vijayaramaraju V, Chakravarthy M, Saxena S N, "Closed Loop Speed Control of a DC Motor Using Lab view", Design, Operation & Control of Distribution Systems, Sreenidhi Institute of Science & Technology, 2009, 32-38
4. Sarma P M, Vijayaramaraju.V, Chakravarthy M, Saxena S N, "Microprocessor Based Industrial Timer", Design, Operation & Control of Distribution Systems, Sreenidhi Institute of Science & Technology, 2009, 39-42
5. S.S. Nawaz, R.Anil Kumar, R.Anil Kumar, V.Vijaya Rama Raju and P.M.Sarma, "Reactive Power Compensation of Grid using DFIG," Proc. of National Conference on Advanced Controls, 26-27 November 2009, Gokaraju Rangaraju Inst. of Engg. and Tech., Hyderabad, India.
6. V.Vijaya Rama Raju, M.Chakravarthy, P.M.Sarma, and Dr.S.N.Saxena "Automation of Electrical machine testing using PLC," Proc. of National Conference on Advanced Controls, 26-27 November 2009, Gokaraju Rangaraju Inst. of Engg. and Tech., Hyderabad, India.
7. V.Vijaya Rama Raju, M.Chakravarthy, P.M.Sarma, and Dr.S.N.Saxena "Automatic Power Factor Correction using PLC," Proc. of National Conference on Advanced Controls, 26-27 November 2009, Gokaraju Rangaraju Inst. of Engg. and Tech., Hyderabad, India



Dr. J.Sridevi

Professor, Dept.EEE

Qualifications: Ph.D from JNTUH, Hyderabad in power systems(2014) M.Tech (2006), B.Tech (Electrical and Electronics Engineering) (2002).

Experience: 12

Research interest: Deregulated Power Systems, FACTS, Smart grid

Journal Publications/Conference Proceedings: 11

International Journals

1. J.Sridevi, "A new active power factor correction using boost converter", International science congress association research journal of engineering, ISSN:2278-9472, Vol2(8), pp-7-11, Aug, 2013.
2. J. Sridevi, Dr. J. Amarnath, Dr. G. Govinda Rao, "Influence of FACTS Devices on Congestion Management in Deregulated Power System", ICGST-ACSE Journal, Volume 11, Issue 2, November 2011.
3. J. Sridevi, Dr. J. Amarnath, Dr. G. Govinda Rao, "Comparison of Voltage Stability by optimal location of TCSC and SVC using Loss Sensitivity Method under Contingencies", International Review on Modelling and Simulations (I.RE.MO.S), Vol.4, N.4, October 2011.
4. J. Sridevi, Dr. J. Amarnath, Dr. G. Govinda Rao, "Impact of FACTS devices on Zonal Congestion Management in Deregulated Power System", Innovative Systems Design and Engineering, IISTE, Vol 3, No 1, 2012.
5. J. Sridevi, Dr. J. Amarnath, Dr. G. Govinda Rao, "Optimal Location of FACTS Devices for Zonal Congestion Management under Contingency", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 7, Number 6 (2012) pp. 599-611.
6. J. Sridevi, Dr. J. Amarnath, Dr. G. Govinda Rao, "Role of FACTS Devices on Zonal Congestion Management Ensuring Voltage Stability under Contingency", International Journal of Advances in Engineering & Technology, Vol. 3, Issue 2, pp, 635-641, May 2012.
7. J. Sridevi, Dr. J. Amarnath, Dr. G. Govinda Rao, " Zonal Power Quality improvement using Static Var Compensator for an Indian Utility System", International Journal of Engineering Research and Applications (IJERA) , Vol. 2, Issue 3, May-Jun 2012, pp. 1320- 1325.
8. J. Sridevi, Dr. J. Amarnath, Dr. G. Govinda Rao, "Congestion Management and ATC Enhancement with optimal location of FACTS devices using Sensitivity indices", International Review on Modelling and Simulations (I.RE.MO.S),

National Conferences

1. J. Sridevi, Dr. J. Amarnath, Dr. G. Govinda Rao, "Assessment of Available Transfer Capability using AC Power Transfer Distribution Factors", Proceeding of National Conference on Power System Planning, operation & optimization (PSPOO), J.N.T.University, Kakinada.
2. J. Sridevi, M. Abhiram, Dr. J. Amarnath, Dr. G. Govinda Rao, "ATC Enhancement with Multi type FACTS devices", Proceeding of National Conference on Power System Planning, operation & optimization (PSPOO), J.N.T.University, Kakinada.
3. J. Sridevi, Dr. J. Amarnath, Dr. G. Govinda Rao, "Zonal Congestion Management with Optimal Placement of FACTS Devices under Contingency",



Mr. R. Anil Kumar

Assistant Professor, Dept. EEE

Qualifications: M.Tech (2010), B.Tech (Electrical and Electronics Engineering) (2006).

Experience: 6yrs

Research interest: Micro Controllers

National Conference Proceedings: 1

1. S.S. Nawaz, R. Anil Kumar, V. Vijaya Rama Raju and P.M. Sarma, "Reactive Power Compensation of Grid using DFIG," Proc. of National Conference on Advanced Controls, 26-27 November 2009, Gokaraju Rangaraju Inst. of Engg. And Tech., Hyderabad, India.



Mr. Syed Sarfaraz Nawaz

Assistant Professor, Dept. EEE

Qualifications: Ph.d (pursuing) from JNTU M.Tech (2010), B.Tech (Electrical and Electronics Engineering) (2007).

Experience: 6 Years

Research interest: Power Electronics

National Conference Proceedings: 1

1. S.S. Nawaz, R. Anil Kumar, R. Anil Kumar, V. Vijaya Rama Raju and P.M. Sarma, "Reactive Power Compensation of Grid using DFIG," Proc. of National Conference on Advanced Controls, 26-27 November 2009, Gokaraju Rangaraju Inst. of Engg. and Tech., Hyderabad, India.



Ms. U. Vijaya Laxmi

Assistant Professor, Dept. EEE

Qualifications: M.Tech (2010), B.Tech (Electrical and Electronics Engineering) (2007).

Experience: 6yrs

Research interest: Electrical Measurements

National Conference Proceedings: 1

1. U.Vijaya Lakshmi, M.Chakravarthy, Dr.S.N.Saxena, P.M.Sarma "Investigation of various PWM Techniques for Shunt active Power Filter"NADCON-2009, Nov 26-27,2009,GRIET,Hyderabad



Ms. V. Hima Bindu

Assistant Professor, Dept. EEE

Qualifications: M. Tech (2013), B. Tech (Electrical and Electronics Engineering) (2000).

Experience: 4yrs

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, ISSN2231-5381.



Ms. G. Sandhya Rani

Assistant Professor, Dept. EEE

Qualifications: M. Tech (2011), B. Tech (Electrical and Electronics Engineering) (2005).

Experience: 3 yrs

Research interest: Power Electronics

National Journal Publication: 1

1. G. Sandhyarani, K. Anuradha "Spectral Analysis of inverter Output Voltage Waveform Using Different PWM Techniques", National Journal on Electrical Power Engineering and industrial Drives ISSN 2231-590X, Vol. 1. No.2, 2012 (Pg 186-191).



Ms. M.N. Sandhya Rani

Assistant Professor, Dept.EEE

Qualifications: M.Tech (pursuing), B.Tech (Electrical and Electronics Engineering) (2011).

Experience: 2yrs

Research interest: PowerElectronics

International Journal Publication:2

1. V.S.Madhuri, P.Mallikarjuna Sarma, M.N.SandhyaRani, "Automatic Street Lighting using PLC", International Journal of Latest Trends in Engineering and Technology (IJLTET), ISSN: 2278-621X, PP no.353 to 357, Vol. 2, Issue 4, July 2013.
2. D. Anusha, PM.Sarma, M.N. SandhyaRani, "Appliance Remote Control Using Arduino" International Journal of Latest Trends in Engineering and Technology (IJLTET), ISSN: 2278-621X, Page no. 35 to 41, Vol. 2 , Issue 4 , July 2013.



Ms.V.V.S.Madhuri

Assistant Professor, Dept.EEE

Qualifications: MTech (2007), B.Tech (Electrical and Electronics Engineering) (2002).

Experience: 7yrs

Research interest: Power systems

International Journal Publication:2

1. V.V.S.Madhuri, P.Mallikarjuna Sarma, M.N.SandhyaRani, "Automatic Street Lighting using PLC", International Journal of Latest Trends in Engineering and Technology (IJLTET), ISSN: 2278-621X, PP no.353 to 357, Vol. 2, Issue 4, July 2013.
2. V.V.S.Madhuri,P.Mallikarjuna Sarma,M.Chakravarthy "Automatic Solar tracking using Crouzet Millenium PLC" International journal of latest trends in engineering and technology,Vol.2,Issue 4, July 2013, ISSN 2278-621X.



Ms. G.Swapna

Assistant Professor, Dept.EEE

Qualifications: M.Tech (2013), B.Tech (Electrical and Electronics Engineering)(2009).

Experience: 5yrs

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, ISSN2231-5381.



Ms. V.Usha Rani

Assistant professor, Dept.EEE

Qualifications: M.Tech (2009), B.Tech (Electrical and Electronics Engineering) (2007).

Experience: 6.8 years

Research interest: Power Systems

International Conference Proceedings: 1

1. Kuldip Singh, MadhuSmita shial,V.Usha , "Real time web based monitoring system for Co2" International conference in innovation in electronics and communication Engg (ICIECE) on 20-21,July 2012,GNIT-Hyderabad



Mr. P. Prasanth Kumar

Assistant Professor, Dept.EEE

Qualifications: M.Tech (2011), B.Tech (Electrical and Electronics Engineering)(2008).

Experience: 2yrs

Research interest: Power Electronics

International Journal Publication: 1

1. Shiva Kumar, P. Prashanth Kumar, "Development and Testing of Non-Isolated Boost Converter" International Journal of Engineering Research and Technology (IJERT), ISSN: 2278-0181,Vol. 2 , Issue 8 , August- 2013.



Mr. A. Vinay Kumar

Assistant Professor, Dept. EEE

Qualifications: Ph.d(pursuing) from JNTUH

M.Tech (2003) Gitam University, B.Tech (Electrical and Electronics Engineering) (2007).

Experience: 8yrs

Research interest: Power Systems

Journal Publications/Conference Proceedings: 7

International Conferences

1. A.Vinaykumar ,Dr.J.Praveen ,Dr.STaraKalyani “Various power Quality issues:Measurement of Flicker and Mitigation of Voltage sag” An International Conference on Intelligent and Efficient Electrical Systems conducted at P S G college of technology Coimbatore, 12-14 Dec 2013
2. Vinay Kumar A, Dr. J.Praveen, “ Digital Simulation of Dynamic Voltage Restorer using Direct Power Control Strategy”, presented at 2nd International Conference on Nanotechnology and Biosensors(ICNB-2,2011) on 27th and 28th December, 2011 organized by IACQER at Raghu Engineering College.

National Conferences

1. Dr J Praveen , A Vinay Kumar, “ Adoption of Direct Power Control Strategy And Dynamic Voltage Restorer for Improvement of Power Quality” presented at IETE sponsored National Conference on Emerging Trends in Engineering & Applications (NCETETA-2010) to be held on 12th & 13th November, 2010 at Shirdi Sai Engineering College, Bengaluru.
2. Vinaykumar.A,Dr.J.Praveen, Dr.S.Tarakalyani “Measurement of Voltage Filcker 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,July12-13th 2013
3. A Vinay Kumar, Dr J Praveen, Dr S Tara Kalyani, “Adoption of Direct Power Control Strategy for Enhancement of Dynamic Voltage Restorer” presented at a National Conference on Electrical Power Engineering and Industrial Drives during May 18-19,2012 Organized by Sreenidhi Institute of Science and Technology (Autonomous), Hyderabad.

National Journal

1. A Vinay Kumar, Dr J Praveen, Dr S Tara Kalyani, “Adoption of Direct Power Control Strategy for Enhancement of D ynamic Voltage Restorer”, published in National Journal on Electrical Power Engineering and Industrial Drives (NJEPEID) Volume-1,Number-2, July-Aug,2012. ISSN 2231-590X page no's 200-205.

International Journal

1. Dr J Praveen, A Vinay Kumar, " Power Quality Improvement with Dynamic Voltage Restorer using Direct Power Control Strategies" published in International Journal of Electrical, Electronics and Computing Technology pp 20-25 Volume -1, Issue-2, January-April 2011. ISSN 2229-3027.



Mr. B. Vasanth Reddy

Assistant Professor, Dept.EEE

Qualifications: M.Tech (2011), B.Tech (Electrical and Electronics Engineering)(2008).

Experience: 4yrs

Research interest: Power Electronics

Journal Publications/Conference Proceedings:7

International Journals

1. B.Chitti Babu, B.Vasanth Reddy, K.B.Mohanty, "A Novel Delta Modulator and Modified Ramp Type Current Controller-Two Viable Scheme for Current Controlled Voltage Source Inverter" international journal of computer applications, Issn-09758887, Year 2010, vol: 1, issue: 3, pages: 48-54.
2. M.Sunil Kumar, B.Vasanth Reddy "Comparative Analysis Hysteresis and Ramp Type Current Controllers for Grid Connected VSI" International Journal of Instrumentation, Control and Automation (IJICA), ISSN: 2231-1890.Vol -1 Issue 2.

International Conferences

1. B.Vasanth Reddy, B.Chitti Babu "Hysteresis controller and delta modulator- A two viable scheme for current controlled voltage source inverter" International conference for technical postgraduates (TECHPOS-2009), 14 December 2009.
2. B.Vasanth Reddy, B.Chitti Babu "A Decoupled Control of Grid Connected Voltage Source Inverter for Wind Power Generating Systems" 5th international conference on power electronics and machine drives (PEMD-2010), 19 April 2010.

National conferences

1. B.Vasanth Reddy, B.Chitti Babu, K.B.Mohanty, A.K.Panda, "Synchronous Virtual Grid Flux Oriented Control of Grid Side Converter for Distributed Power Generation System" 4th National Power Electronics Conference, NPEC-2010, 10- 13 June 2010, IIT Roorkee.
2. B.Chitti Babu, B.Vasanth Reddy, "An Improved Dynamic Response of Voltage Source Inverter using Novel Hysteresis Dead Band Current Controller" 18th Annual Symposium on "Emerging Needs in Computing, Communication, Signals and Power" IEEE Bangalore. 2009.

3. B.Vasanth Reddy, B.Chitti Babu, "Analysis of different current controlling techniques for VSI". AICTE sponsored Emerging Technological Trends National Level Conference, NCETT-2010.

Books Published

1. B.Vasanth Reddy, B.Chitti Babu, "Electrical Generation and Distribution Systems and Power Quality Disturbances" chapter entitled Power Quality Improvement by Using Synchronous Virtual Grid Flux Oriented Control of GridSide Converter, ISBN 978-953-307-32 3.Link:<http://www.intechopen.com/articles/show/title/power-quality-improvement-byusing-synchronous-virtual-grid-flux-oriented-control-of-grid-side-conve>



Ms. P. Srividya Devi,

Assistant Professor, Dept.EEE

Qualifications: M.Tech (2008) JNTUCEH B.Tech (Electrical and Electronics Engineering) (2005).

Experience: 6yrs 1months

Research interest: Power Systems

National Journal Publications:2

1. Srividya Devi P, Pusphalatha D.V. and Sharma P.M. "Measurement of Power and Energy Using Arduino" Research Journal of Engineering Sciences ICSA ISSN 2278 9472, Vol. 2(10), 10-15, October (2013)
2. Srividya Devi P , G.Sreenivas " NOVEL IMPLEMENTATION OF PSPICE MODELING FOR RELIABILITY ANALYSIS OF DISTRIBUTION SYSTEMS" VOL 6...NO 2 ..IN SEPT 2010 JOURNAL pp 167-176



Ms. M.Rekha

Assistant Professor, Dept.EEE

Qualifications: M.Tech (2012), B.Tech (Electrical and Electronics Engineering) (2004).

Experience: 2yrs

Research interest: Power Electronics

National conference:1

1. Dr.D.V.Pushpa Latha, M.Rekha, Dr. K.R.Sudha, "System identification of dc motor-generator set using matlab/labview", National Conference on Contemporary control and Soft computing in Electrical Engineering, Andhra University, Visakhapatnam, May, 2013.

International Journal:1

1. M.Rekha , K.P Swaroop A paper titled "An Electromagnetic Vibrational Energy Harvesting Using Boost and Buck Boost Converter Published in Vol.1 Issue 7 IJERT Journal.

DEPARTMENT OF INFORMATION TECHNOLOGY

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

S.No	Name of the Faculty	Degree Awarded	No. of Publications (journals/conferences)
1	Dr. Y.Vijayalata	2012	11
2	Dr. Padmalaya Nayak	2010	12

Research Projects/FDP's/Seminar Grants/Sanctioned

S.No	Name of the Faculty	Title	Name of the Funding Agency	Amount in Lakhs	Year
1	Dr. Padmalaya Nayak	MODROBS	AICTE	8.5	2013
2	K. Prassana Lakshmi	Spatial Data Mining	TEQIP	0.50	2013
3	G. Vijendra Reddy	PHP	TEQIP	0.50	2013
4	K. Prassana Lakshmi	Web Technologies	TEQIP	0.50	2013
5	P. Gopal Krishna	Total Quality Management	TEQIP	0.50	2013
6	Y.J. Nagendra Kumar	Hardware & Networking	TEQIP	0.50	2012

FACULTY AND THEIR PUBLICATIONS



Dr.Y.Vijayalata

HOD & Professor of IT

Qualifications: Ph.D (CSE)

Experience: 18 years

Research Interest: Pattern Recognition

No. of Publications: 8

No. of Conferences attended: 6

Certifications

No. of times invited for guest lectures : 30

Books Published:

- Dr. Y. Vijayalata, Anuradha K " Formal Languages and Automata Theory", CBS Publications, New Delhi
- Dr. Y. Vijayalata, " Data Structures through C and C++", Pearson Edition (in press)

Journal Publications

International publications:

1. Y. Vijayalata, Anuradha R, "A Distuributed 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

2. Y. Vijayalata, A. Govardhan, " Query Based Face Retrieval from Automatic Reconstructed Images based on 3D Frontal View – Using EICA", Global Journal of Computer Science and Technology, Vol. 11, Issue 8, Version 1.0, May 2011. IF: 2014 Evaluation Pending.
3. Prof. Y. Vijayalata, Chandra Kiran Bharadwaj Tungathurthi, H. Ram Mohan Rao, Dr. A. Govardhan, Dr. L. P. Reddy, "Facial Recognition using Eigen faces by PCA", International Journal of Recent Trends in Engineering, Vol. 1, No. 1, May 2009. IF: 2014 Evaluation Pending.

National publications:

1. Y. Vijayalata, AshlinDeepa R N, R. RajeshwarRao, "A Multiset Approach for Recognition of Handwritten Characters using PUZZLE PIECES", CS & IT Journal. IF: -
2. Y. Vijayalata, A. Govardhan, " Impact of Image Resizing Factor in face Recognition System using PCA", Journal of Global Research in Computer Science Vol.2, No.4, April 2011, ISSN: 2229-371X. IF: 0.60.

Conference Proceedings

International Conferences

1. Y. Vijayalata, Sk. Althaf HussainBasha, Y.R. Ramesh Kumar, Karthik Narla, "Predicting Student Academic Performance using Temporal Association Mining – A Case Study on Educational Data", IEEE International Conference on Engineering for Humanity (ICEH-2013) August 2013, pp. 21-27.
2. Y. Vijayalata, Sk. Althaf HussainBasha, V. Anand, Donapati Srikanth "Study of Education Patterns using Rare Association Mining – A Case Study on Educational Data", IEEE International Conference on Engineering on Humanity (ICEH-2013), August 2013, pp. 53-61.
3. Y. Vijayalata, Sk. Althaf HussainBasha, V. Anand, " Study of Education Patterns using Rare Association Mining – A Case Study on Educational Data", International Conference on Engineering for Humanity 2013
4. Y. Vijayalata, Sk. Althaf HussainBasha, Y R Ramesh Kumar, " Predicting Student Academic Performance using Temporal Association Mining – A Case Study on Educational Data", International Conference on Engineering for Humanity 2013.
5. Y. Vijayalata, Dr. A. Govardhan, "Interactive Content-Based Image Retrieval System", International Conference on International Conference-Geoinformatics for Rural Development 2006.

National Conferences: (year wise –descending order)

1. Y. Vijayalata, AshlinDeepa R N, R. RajeshwarRao, " Overview of Pattern Algorithms", National Conference on Emerging Trends of Computing, 18-19 March 2013.



2. Y. Vijayalata, Mounika D, Sk. AlthaHussainBasha, Y R Ramesh Kumar, " Study on Education Patterns using Rare Association Mining", National Conference on Emerging trends of Computing, 18-19 March 2013.
3. Y. Vijayalata,"Recognition of Human Face by PCA using Scilab", Indian Conference on Computer Vision, Graphics ,Image & Video Processing ICCVGIP 2009 by Department of Information Technology, Ministry of Communication & Information Technology, Government of India, 2009.



Dr. Padmalaya Nayak

Qualifications: Ph.D (CSE)

Experience: 14 years

Research Interest: Computer Network

No. of Publications: 12

No. of Conferences attended: 10

Certifications

No. of times invited for guest lectures: 5

Books Published:

- Dr. PadmalayaNayak, " Wireless Network and Mobile Computing (An Outcome based Education System)", Pearson Edition (under review).

Journal Publications:

International publications:

1. PadmalayaNayak, G. Ramamurthy, "Constrained based Path selection QoS Routing Algorithms – MCP and MCOP Problems", BioInfo. Journal of Information Systems and Communications (JOISAC), (Peer reviewed), vol:4, Issue:1, Page: 384-390, ISSN: 0976-8742, , April 2013. IF: 4.57.
2. M. Sujeethanada , PadmalayaNayak, G. Ramamurthy," Quality of Service Routing Algorithm for Cognitive Wireless Sensor Network", Bonfring International Journal of Networking technologies and Applications,(Peer reviewed) Vol:2, No.1, March 2013. IF: -
3. PadmalayaNayak, Tata JaganadhaSwamy, G. Ramamurthy, "Optimal Secure Cluster Head Placement on Sensor Field through Source Coding", submitted to American Journal of Sensor Letter, Aug, 2013.IF: 1.58 .
4. PadmalayaNayak , D. Anurag, "Performance Evaluation of LEACH Protocol for Wireless Sensor Network in a Mobile Environment", submitted to IETE Journal of Research , Sep, 2013(under review). IF: 0.2.



5. PadmalayaNayak,G Rama Murthy, "Utilization of Novel Overlap Function in Wireless Sensor Fusion", Sensors & Transducers Journal Vol 94, Issue 7,July 2008. IF: 2.27.
6. PadmalayaNayak , D. Anurag, "Performance Evaluation of LEACH Protocol for Wireless Sensor Network in a Mobile Environment", submitted to IETE Journal of Research , Sep, 2013(under review), IF: 0.2.
7. PadmalayaNayak,G Rama Murthy, "Utilization of Novel Overlap Function in Wireless Sensor Fusion", Sensors & Transducers Journal Vol 94, Issue 7,July 2008, IF: 2.27.

Conference Proceedings

International Conferences:

1. PadmalayaNayak, D. Anurag, V.V.N.A. Bhargavi, " Fuzzy Method Based Super Cluster Head Election for Wireless Sensor Network with Mobile Base Station", in proceedings of ICACM'13.
2. PadmalayaNayak,Sujeethananda, G. Ramamurthy, " A novel Approach to Routing Protocol for WSNs-QoS Provisioning", in Proc. of International Conference on Advances in Computing and Communications (ICACC) 2012, IEEE Explorer, pg: 203-208, Cochin, Kerala, India 2012.
3. PadmalayaNayak, AkhilGoel, G Rama Murthy, "Modified Priority Assignment Soft Reservation Medium Access Protocol for Mobile Adhoc Network", in proc. of 10th International Symposium on Wireless Personal Multimedia Communications, WPMC(Jaipur India), , Pg No:1059 to 1063, 2007.
4. PadmalayaNayak, A. K Banerjee, G. Ramamurthy, " A novel Approach to Energy Efficient Routing Protocol in Wireless Sensor Networks", International Conference on Systemics, Cybernetics and Informatics, Hyderabad, 2010.
5. PadmalayaNayak,G Rama Murthy,"Novel Overlap Functions:Wireless Sensor Fusion",International Conference on Sensor and Related Networks SENNET' 07,Pg No 461-466, (Vellore, India),2007.

National Conferences

1. Padmalaya Nayak, Saraswati Bhakare, Nazia Tabassum, "Comparative study of DSR, AODV Routing Protocol for WPAN Using NetSim Simulator", National Conference on Innovations and Advancements in Computing, GITAM University, Hyderabad, March 2013.
2. Padmalaya Nayak,D. Anurag,Ganji Sai Krishna, " Performance Evaluation of LEACH Protocol for Wireless Sensor Network in a Mobile Environment", National Conference on Innovations and Advancements in Computing, GITAM University, Hyderabad, March 2013.



Ms. K. Prasanna Lakshmi

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

Experience: 13 years

Research Interest: Data Mining

No. of Publications:3

Journal Publications

International publications:

1. K Prasanna Lakshmi, Dr. C R K Reddy, "Compact Tree for Associative classification of Data Stream mining",IJCSI, Vol 9, March 2012, ISSN(online):1694-0814,pg 624-628 IF:0.242
2. K.Prasanna Lakshmi, Dr. C.R.K.Reddy " A Survey on Different Trends in Data Streams ", 2010 IEEE International Conference on Networking and Information Technology , Manila, Philippines, 11-12 June, 2010. Pg: 451-456
3. "Generation of Clusters for duplicate recording Union Find Alogoritm" International Conference on Advance Computing Technology 2008.



Mr. Y.J.Nagendra Kumar

Qualifications: M.Tech (CSE) Ph.D

Experience: 11 years

Research Interest: Web GIS Mining

No. of Publications:3

Journal Publications

International publications:

1. "Web GIS Mining for Effective Retrieval of Remote Sensed Data: A Survey Paper" ,Y. JeevanNagendra Kumar, Dr. T.V. RajiniKanth.
2. "Optimal Distribution of mobile network towers: an approach through Geo Spatial Data Mining" Y. JeevanNagendra Kumar, Dr. T. V. Rajinikanth, Mohana Krishna.
3. V.Sujatha, Dr.G.AppaRao, M.Archana, Y.JeevanNagendra Kumar "An Approach to integrate de-duplication with backup to cloud storage" published in International Conference on Advanced Computing Methodologies (ICACM'11), Dec 2011. Pg: 301-305



Ms. T. Veena

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

Experience: 19 years

Research Interest: Web Mining

No. of Publications: 2

Journal Publications

International publications

1. ArunaTiwari,VeenaTrivedi, "Estimating Similarity of XML Schemas using Path Similarity Measure",International Journal of Computer Applications & information Technology (IJCAIT-ISSN 2278-7720) ,Vol. 1, No.1, July 2012,pp 34-37. IF: 0.405
2. T.Veena, Dr.T.Aruna "An Approach for Reposition of XML data in Relational Repository using XML Schema", published in International Conference on Advanced Computing Methodologies (ICACM'11), Dec 2011. Pg: 295-29.

DEPARTMENT OF MECHANICAL ENGINEERING

INTRODUCTION

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 own 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.

FACULTY AND THEIR PUBLICATIONS



Mr. B.Ch.Nookaraju

Associate Professor, Department of Mechanical Engineering

Qualifications: Ph.D (Pursuing)- Heat Transfer (JNTU-Hyderabad), M.Tech – Thermal Engineering (NITC-Calicut,Kerala), B.E - Mechanical Engineering (Andhra University,Visakhapatnam)

Experience: 10 Years

Research Interest: Heat Transfer ,Electronics Cooling,Heat Pipes

Journal Publications: 06

International Publications

1. “Thermal Hydraulic analysis of Gravity Effected Sintered Heat Pipe” send to the International Journal of Thermal Engineering in March 2014 (under review)

National Publications

2. “Analytical and Experimental Investigations on cooling of stacks of Electronic Printed Circuit Boards -A review”, A National Conference in SVU, Tirupathi, August, 2004.
3. “Turbulence Cooling in Microelectronic Devices”, International Conference in Indian Institute of Technology, Kanpur,2005.
4. “Modelling of Electronic Circuit Boards for Low and High Reynolds Numbers”, National Conference in CBIT Hyderabad, March,2007.
5. “Turbulent heat and fluid flow analysis of array of heated blocks”, National Level Technical symposium in SNIST Hyderabad, DEC 2008.
6. “Turbulent heat and fluid flow analysis of array of heated blocks in Electronic Enclosures”, ASME International coference at IIT Kharagpur, Jan,2014.



Dr. Jandhyala N Murthy

Principal, GRIET

Qualifications: PhD in Combustion Cranfield Institute of Technology, UK, 1985.

MS in Thermal Propulsion Cranfield Institute of Technology, UK, 1982.

MSc in Defence Studies University of Madras, 1991.

BTech in Mechanical IIT, Madras, 1970 1975.

Experience: 17 years teaching, 20 years Industry

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

Journal Publications/Conference Proceedings: 06

International Publications

1. Dr. Jandhyala N. Murthy "Assessment Practices Engineering a Review" The Journal of Engineering Education January-2012, Vol.No.XXV-3 ISSN 0971-5843.

Conferences Proceedings

International conferences

1. "Computational Study of some of the implications for Gas Turbine Design Maintenance as a consequence of NOx generation" – 18th CIMAC Congress, Tinanjin, China, 1988.
2. "Study Of Rice Stna Biocomposite and a Comparative Study Of Flexural Strength of Various Bio Composite Ply wood Materials"-Swadesh kumar enigh, Jandhyala N Murthy, PAPN Varma, D.Sailaja, International Conference on Civil, Biological and Environmental Engineering BEE-2013,Bauskok,Thailand, ISBN978-93-82242-40-9

National conference

1. "Combustor Design Programme" – DEFCAP-88, ADE, Bangalore.
2. "Approach for Reliability and Maintainability assurance of Kaveri Engine" Workshop on "MiG Engine Experience for Kaveri Project", HAL Koraput, 1993.
3. "Reliability Data Generation" – EVIAMAT -94, New Delhi.
4. "Assessment Practices in Engineering" – A Review, 41st ISTE Annual National Convention December 2011, Fatehgarh Sahib, Punjab



Dr. K. Satyanarayana

Qualification: Ph.D (Mechanical Engineering) (NIT-Warangal, 2013), MTech (Product Design and Development) (NIT-Warangal, 2009)

Experience : 1 year

Research interests : Manufacturing and design

Journal Publications/ Conference Proceedings: 16

International Journals

1. Satyanarayana Kosaraju, Venu Gopal Anne and Bangaru Babu Popuri, "Analysis for Optimal Decisions on Turning Ti6Al4V with Taguchi-Grey Method", ProclMechEPart C: Journal of Mechanical Engineering Science, Sage Publication. (Impact factor 2012; 0.633). vol 228, Nos 1, pp 152-157, 2014. DOI: 10.1177/0954406213480599 (SCI Journal)
2. Satyanarayana Kosaraju, Venu Gopal Anne and Bangaru Babu Popuri, "Online tool condition monitoring in turning Titanium (Grade 5) using Acoustic Emission: Modeling", International Journal of Advanced Manufacturing Technology, ISSN No 0268-3768, Vol No: 67, pp 1947-1954, 2013 (Impact factor 2012: 1.205) DOI: 10.1007/s00170-012-4621-2. (SCI Journal)
3. Satyanarayana Kosaraju and Venu Gopal Anne, "Optimal Machining Conditions for Turning Ti-6Al-4V using Response Surface Methodology", International Journal of Advances in manufacturing. Vol No: 1, pp 329-339, 2013. DOI: 10.1007/s40436-013-0047-9.
4. Satyanarayana Kosaraju, Venu Gopal Anne and Bangaru Babu Popuri, "Design Optimization of Machining Parameters for Turning Titanium Alloys with Taguchi-Grey Method", International Journal of Machining and Machinability of Materials. Int. J. Machining and Machinability of Materials, Vol. 13, Nos. 2/3, pp 191-202, 2013. DOI: 10.1504/IJMMM.2013.053222
5. Satyanarayana Kosaraju, Venu Gopal Anne and Bangaru Babu Popuri, "Taguchi analysis on cutting forces and temperature in turning Titanium Ti-6Al-4V", International Journal of Mechanical and Industrial Engineering (IJMIE), ISSN No. 22316477, Vol=1, Issue=4, pp 55-59, 2012.
6. Satyanarayana Kosaraju, Venu Gopal Anne and Bangaru Babu Popuri, "Experimental Investigations and Modeling of Machining Titanium Alloy Ti-6Al-4V", International Journal of Applied Mechanics and materials. Vols. 315, pp 562-566, 2013
7. Ramanujkumar, A K Sahoo and Satyanarayana Kosaraju, "Finite element simulation of forces and temperature in turning titanium alloy using DEFORM 3D", International Journal of Mechanical Engineering and Research, ISSN No. 2249-0019, Vol-3, Issue-5, pp 330-334, 2013.



8. Kumar, Ramanuj, Ashok Kumar Sahoo, K. Satyanarayana, and G. Venkateswara Rao. "Some studies on cutting force and temperature in machining Ti-6Al-4V alloy using regression analysis and ANOVA. International Journal of Industrial Engineering Computations. Vols 4, pp 427-436, 2013.

International Conferences

1. Satyanarayana Kosaraju, Venu Gopal Anne and Bangaru Babu Popuri, "Three-dimensional numerical simulation of cutting force in turning Ti-6Al-4V", COPEN8 International conference on Precision, Meso, Micro and Nano Engineering, December 13-15, 2013, NIT Calicut, Kerala (Accepted for presentation and publication)
2. Satyanarayana Kosaraju, Venu Gopal Anne and Bangaru Babu Popuri, "Finite Element Simulation of Cutting Forces in Turning Ti-6Al-4V using DEFORM 3D", ASME 2013 International Mechanical Engineering Congress & Exposition (IMECE2013), November 15-21, 2013, SAN DIEGO, CA, USA. pp. 1-7
3. Satyanarayana Kosaraju, Venu Gopal Anne and Bangaru Babu Popuri, "Experimental Studies on the Effect of Rake Angle on Main Cutting Force and Surface Roughness in Machining Ti-6Al-4V", 2nd International conference on Advanced Manufacturing and Automation 2013 (INCAMA 2013), during 28-30th March 2013, Kalasalingam university, Tamil Nadu. pp. 565-568
4. Satyanarayana Kosaraju, Venu Gopal Anne and Bangaru Babu Popuri, "Experimental Investigations and Modeling of Machining Titanium Alloy Ti-6Al-4V", 3rd International Conference on Mechanical and Manufacturing Engineering 2012 (ICME2012), during 20th- 21st November 2012, Universiti Tun Hussein Onn Malaysia, Malaysia. pp. 155-159.
5. Satyanarayana Kosaraju, Venu Gopal Anne and Bangaru Babu Popuri, "Online Tool Wear Monitoring using Cutting Forces in Turning Ti-6Al-4V", International Conference on Trends in Industrial and Mechanical Engineering (ICTIME 2012), 24-25 March 2012, Dubai, organized by PSRC . pp. 147-150
6. Satyanarayana Kosaraju, Venu Gopal Anne and Venkateswara Rao Ghanta, "Effect of Rake Angle and Feed Rate on Cutting Forces in an Orthogonal Turning Process", International Conference on Trends in Mechanical and Industrial Engineering (ICTMIE 2011), 23-24 December 2011, Bangkok, Thailand. pp. 150-15.
7. Satyanarayana Kosaraju, Manohar Goud K, Sadasiva Rao T, Venu Gopal A, "Online tool condition monitoring in face Milling operation using Acoustic Emission", 3rd international and 24th AIMTDR conference, 13-15 December 2010, Andhra University, Visakhapatnam, India. pp. 657-662.



Dr. Swadesh Kumar Singh

Professor

Qualification: UG, MECHANICAL (ALIGARH MUSLIM UNIVERSITY) B.TECH (1997), PG IIT DELHI, PRODUCTION ENGINEERING, M. TECH, DEC.(1998), PH. D, IIT DELHI, METAL FORMING, METAL FORMING, 2005.

Experience: 10+ years

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

Journal Publications/Conference Proceedings: 92

Books published:

1. A text book on Production Engineering Publisher: Made Easy Publications.
2. A text book on Reasoning and Aptitude Publisher: Cengage Publications.
3. A text book on Industrial Engineering Publisher: LNEC Publications.

International Journals:

1. Nitin Kotkunde, Aditya D. Deole, Amit Kumar Gupta and Swadesh Kumar Singh, "Comparative study of constitutive modeling for Ti-6Al-4V alloy at low strain rates and elevated temperatures" *Materials and Design*, 55, 2014, pp 999-1005.
2. Nitin Kotkunde, Swadesh Kumar Singh and Amit Kumar Gupts, "Microstructure Study and Constitutive Modeling of Ti-6Al-4V Alloy at Elevated Temperatures" *Materials and Design*, 54, 2014, pp 96-103.
3. Syed Mujahed Hussaini, Swadesh Kumar Singh and Amit Kumar Gupta, "Experimental and Numerical Investigation of Formability for Austenitic Stainless Steel 316 at Elevated Temperatures" *Journal of Materials Research and Technology* Volume 3, Issue 1, January-March 2014, Pages 17-24.
4. Swadesh Kumar Singh, Vinay Kumar, Prudvi Reddy P and A K Gupta, "Finite Element Simulation of Ironing process under warm conditions" *Journal of Materials Research and Technology* Volume 3, Issue 1, January-March 2014, Pages 71-78
5. Nitin Muttil, J S Ravichandra, Graham ThorpeaStephan Bigger and Swadesh Kumar Singh, "Comparative Study of bond strength of Formaldehyde and Soya based adhesive in wood fibre plywood" *Procedia Material Science* (to appear).
6. Lade Jayahari, B Balu Naik and Swadesh Kumar Singh, "Effect of process parameters and metallographic studies of ASS-304 Stainless Steel at various temperatures under warm deep drawing" *Procedia Material Science* (to appear).



7. R. Ramangoud, K. Eshwar Prasad and Swadesh Kumar Singh, "Construction of formability limit diagrams for EDD steel at elevated temperatures" *Procedia Material Science* (to appear).
8. Hussaini SM, Gupta AK, Singh SK, " Investigation of Material Model for Simulations of Deep Drawing in Dynamic Strain Aging Region" *Procedia Material Science* (to appear).
9. Lade Jayahari, PV Sasidhar, P Prudvi Reddy, B. Balu Naik, AK Gupta and Swadesh Kumar Singh, " Formability studies of ASS 304 and Aluminum and evaluation of friction in deep drawing setup at elevated temperatures using LS-DYNA" *Journal of King Saud University - Engineering Sciences*, Elsevier Vol. 26, Issue 1, 2014, pp 21-31
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(Doi: <http://dx.doi.org/10.11127/ijammc.2013.02.015>)



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3. Swadesh Kumar Singh and D. Ravi Kumar (2003), "Improvement in Drawability by Hydraulic Counter-pressure Deep Drawing" Journal of Manufacturing Technology Today, Vol. 2, No. 6 pp 6-10.

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15. Swadesh Kumar Singh, Venkata Sasidhar, Vinay Kumar, Prudvi Reddy, and Amit Kumar Gupta, " Comparison of warm and hydromechanical deep drawing when low Carbon steel is subjected to ironing" 15th International Conference on Advances in Materials & Processing Technologies, 23-26 Sept, 2012, Wollongong, NSW Australia.
16. Dareddy Ramana Reddy, Banoth Balunaik, Swadesh Kumar Singh, " Development Of A Composite Mate-Rial From Agro Waste For Wear Resistance Application" 15th International Conference on Advances in Materials & Processing Technologies, 23-26 Sept, 2012, Wollongong, NSW Australia.



17. Lade Jayahari, B.BaluNaik, A. K. Gupta and Swadesh Kumar Singh, " Study of micro hardness of Deep Drawn cups for Austenitic stainless steel-304 under warm conditions" 11th International conference on high Nitrogen Steels and Interstitial alloys, September 27-29, Chennai, India.
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19. Sharat Chandra G, Raghuram K, Amit Kumar Gupta and Swadesh Kumar Singh, "Predicting of flow stress in Dynamic Strain Aging Regime of ASS 304 using support vector regression" 11th International conference on high Nitrogen Steels and Interstitial alloys, September 27-29, Chennai, India.
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29. Swadesh Kumar Singh, M. Swathi, Ramjee and Amit Kumar Gupta (2010), "Experimental Investigations and Thermal Analysis of Formability of EDD Steels in Warm Forming (up to 4500 C)" 3rd International and 24th AIMTDR, December 13-15, College of Engineering AU, Vishakapatnam, India.
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32. Swadesh Kumar Singh PAPAN Varma, K. Mahesh, Vomsri Krishna, M. Harshal, Azharuddin, D. Ramesh and SriKesh(2009), "Evaluation of friction at 2000 C and experimental study on the extent of deformation in flow forming of EDD steel using deep drawing setup" International conference of The journal La Metallurgia Italiana on hot foreming of steels and material properties Grado, Italy, 13-16 september.
33. Rahul.Shashikant.Sanghvi, M.Azharuddin, Sai Kiran.J.G and K.SriKesh, K. Mahesh, Amit Kumar Gupta and Swadesh Kumar Singh (2009), "Study the Effect of Temperature on Material Properties of EDD Steel Using Artificial Neural Network (ANN)" International Conference on Advances in Mechanical Engineering, August 3-5, S.V. National Institute of Technology, Surat – 395 007, Gujarat, India, pp 1069-1072.
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38. Swadesh Kumar Singh and D. Ravi Kumar (2003), "Experimental and Theoretical Investigations on Hydraulic Counter Pressure Deep Drawing of EDD steel sheets" Proceedings of Asia Steel International Conference, Jamshedpur, India, Apr. 9-12.
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1. Swadesh Kumar Singh, Ramana Gaud, Eswar Prasad, Jaya Hari and Balu Naik (2009), "Development and Design Considerations of Warm Forming of Aluminum-alloy" NCSAME 09, JNTU Hyderabad, 20-21 Aug India.
2. Apurv kumar, P. Viswanath, K Mahesh, M. Swati, P M Vinay Kumar, A Abhijit, Swadesh Kumar Singh (2009), "Design of Dies in V – Bending Using Finite Element Simulation" National conference on emerging trends in Mechanical Engineering, SNIST, Hyderabad, AP, June 18-19 India pp 72-78.
3. Swadesh Kumar Singh, K. Mahesh and K. Suresh (2009), "A note on design considerations in flow forming using deep drawing setup" National conference on emerging trends in Mechanical Engineering, SNIST, Hyderabad, AP, June 18-19 India pp 1-6.
4. Swadesh Kumar Singh and K. Mahesh (2009), "Evaluation of Friction in Deep Drawing Under Warm Conditions" National Conference on Recent Advances in Manufacturing Technology, Shastra, TN, March 14-15 pp 199-205.
5. Swadesh Kumar Singh and Amit Kumar Gupta (2009), "Neural Network and Support Vector Regression Modeling of Turning Operation" National Conference on Recent Advances in Manufacturing Technology, Shastra, TN, March 14-15 pp 132-140.
6. Swadesh Kumar Singh and D. Ravi Kumar (2007), "Hydro-Mechanical Deep Drawing of Interstitial-Free Steel Sheets" NATIONAL CONFERENCE ON SHEET METAL FORMING, SMF 'December 12-13 , 2007 Hotel Le Meridien, Pune, India



7. Swadesh Kumar Singh and D. Ravi Kumar (2004), "Effect of process parameters on draw ability in hydro-mechanical deep drawing" 21th All India Manufacturing Technology Design and Research Conference (AIMTDR) December India.
8. Swadesh Kumar Singh and D. Ravi Kumar (2002), "Experimental Investigation on Hydraulic Counter Pressure Deep Drawing" Proceedings of 20th All India Manufacturing Technology Design and Research Conference (AIMTDR), BIT Ranchi, India, Dec. 13-15 pp 449-454.



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Journal Publications/Conference Proceedings: 12

International Journals

1. Lade Jayahari, Balu Naik Banoth, Amit Kumar Gupta and Swadesh Kumar Singh, "Some Metallurgical Studies of Austenitic Stainless Steel 304 under Warm Deep Drawing" Journal of Iron and steel, International-Accepted for Publication. Impact factor-0.33
2. Lade Jayahari, B. BaluNaik, Swadesh Kumar Singh, "Formability studies of ASS 304 and evaluation of friction for Al in deep drawing setup at elevated temperatures using LS-DYNA". Journal of King Saud University – Engineering Sciences, (Elsevier Publication) (2014) Vol.26, 21–31.
3. Lade Jayahari, B. BaluNaik, and Swadesh Kumar Singh, "Some aspects of Formability of ASS 304 under warm conditions", International Journal of Manufacturing Engineering, December, 2013, Vol. 8, Issue. 4, pp 221-224.
4. Lade Jayahari, Balu Naik Banoth, and Swadesh Kumar Singh, "Simulations and experimental investigation of Austenitic Stainless Steel 304 under Warm Deep Drawing conditions" Materials and Design (Elsevier Publications), (Under review).

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1. Jayahari Lade, Swadesh Kumar Singh, Balu Naik Banoth, "Formability analysis of austenitic stainless steel-304 under warm conditions". Citation: NUMISHEET 2014 AIP Conference Proceedings 1567, 378-381 (2013); doi: 10.1063/1.4849994



2. L.Jayahari, Swadesh Kumar Singh, Balu Naik, "Study of Formability and Thickness Distribution in Warm Forming of ASS-304, AIMTDR-2012, December 2012, Kolkata, India.
3. Lade Jayahari, B.BaluNaik, Swadesh Kumar Singh, "Study of microhardness of Deep Drawn cups for Austenitic stainless steel-304 under warm conditions". High Nitrogen Steels (HNS -2012), PP12 Sep 2012, Chennai, India.
4. L.Jayahari, B.BaluNaik, N.Lakshmi et al, "Experimental Investigation of Punch Load of ASS 304 at Various Temperatures" International Conference on Materials Processing and Characterization (ICMPC -2012), 89-93, March, India.
5. L.Jayahari, B.BaluNaik, R.Bhargav et al, "Microhardness Studies of Austenitic Stainless steel-304" International Conference on Materials Processing and Characterization (ICMPC -2012), 94-99, March, India.
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7. Ramana Gaud, L. Jayahari, and Swadesh Kumar Singh, (2011) "Experimental and Design consideration of Stretching of EDD steel sheet at elevated temperatures" International Conference on Advances in Materials and Materials Processing, IIT Kharagpur India, Dec 9-11, 2011 pp 202.

National Conferences:

1. Jayahari.L, Ramana Goud, Swadesh Kumar Singh, Eswar Prasad, and Balu Naik (2009), "Development and Design Considerations of Warm Forming of Aluminum-alloy" NCSAME 09, JNTU Hyderabad, 20-21 Aug India.



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Experience: 13 years

Research Interest: Heat Transfer, CFD

Journal Publications/ Conference Proceedings: 02

Journal publications:

International Journal

1. Paper titled CFD ANALYSIS ON A DESKTOP HEAT SINK published in THE INTERNATIONAL JOURNAL OF ENHANCED HEAT TRANSFER (JEHT) Published by begell house Inc.(impact factor 0.4) 50 cross highway, Redding, CT 06896.

International Conference

1. 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. R. Raman Goud

Associate professor Department of Mechanical Engineering

Qualifications : M.Tech (Advanced Manufacturing Systems) (JNTUH-Hyderabad), pursuing Ph.D (Metal forming, JNTUH-Hyderabad) B,E (Mechanical Engineering O.U)

Experience: 15 years

Research Interest: Sheet metal forming

Journal Publications/Conference Proceedings:7

Journal publications

International publications

1. Raman Goud.R,K.Eswar Prasad,Swadesh kumar Singh "Formability limit diagrams of extra deep drawing steel at elevated temperatures" International Journal of Procedia Materials Science, 2014.
2. Raman Goud.R,K.Eswar Prasad,Swadesh kumar Singh "Formability predictions of EDD steel by using redrawing process" International Journal of material processing and charecterization,2014.

National publications

1. Raman Goud.R,K.Eswar Prasad,Swadesh kumar Singh" Experimental investigations on microstrure of extra deep drawn steel at elevated temperatures"2014 ,Indian journal of Manufacturing.

Conference Proceedings

International Conferences:

1. Raman Goud.R,K.Eswar Prasad,Swadesh kumar Singh "Experimental and design consideration of stretching of EDD steel at elevated temperatures." International Conference on Advances in Materials and Materials processing 2011
2. Raman Goud.R,K.Eswar Prasad,Swadesh kumar Singh "FORMING LIMIT DIAGRAM OF EXTRA DEEP DRAWN STEEL FOR STRETCHING IN SHEET METAL FORMING" International Conference on material processing and charecterization,2012.
3. Raman Goud.R,K.Eswar Prasad,Swadesh kumar Singh "Formability limit diagrams of extra deep drawing steel at elevated temperatures" International Conference on material processing and charecterization,2014.

National conferences:

1. Raman Goud.R,K.Eswar Prasad,Swadesh kumar Singh "Development and Design Considerations of Warm Forming of Aluminum-alloy"

DEPARTMENT OF MANAGEMENT STUDIES

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 MBA

S.No	Name of the Faculty	Degree Awarded	No. of Publications (journals/conferences)
1	Dr. P.B. Apparao	1986	15
2	Dr. Y.R.K.Prasad	2012	5/14
3	Dr.M.S.R.SeshaGiri	2012	5/15
4	Dr. D. Indira	2013	3

Research Projects/FDP's/Seminar Grants/Sanctioned

S.No	Name of the Faculty	Title	Name of the Funding Agency	Amount in Lakhs	Year
2	Dr. P B AppaRao	SDP on Developing Research Skills in Management Scholars	AICTE	7,00,000	2012
3	Dr.Y. Rama Krishna Prasad	SDP on Developing Research Skills in Management Scholars	AICTE	2,00,000	2013

FACULTY AND THEIR PUBLICATIONS



Dr. Babujee Apparao Punaty

Professor

Qualification: Ph.D (Sri Krishnadevaraya University, Anantapur, 1986), M.Com (Andhra University, Visakhapatnam, 1969), B.Com(S.S.&N. College, Narasaraopet, 1967)

Experience: 44 years; U.G: 17 years; P.G: 27 years

Certifications: Certificate Course in Computer Programming in BASIC, APPC, 1987.

Journal Publications/Conference Proceedings: 13

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.
3. Microfinance and Poverty Alleviation, Book of Readings, (Co-Editor), Published by Sri Ramakrishna P.G. College, Nandyal, 2010.
4. Human Resources Management Text and Cases (a text book in Telugu), Kalyani Publishers, Hyderabad, 1999 (Co-author).
5. Research Methodology and Statistical Measures, Reliance Publishing House, New Delhi (Co-author), 1995.
6. Organisational Health, Discovery Publishing House, New Delhi, 1990 (Co-author).
7. Absenteeism in Industry, Deep and Deep Publications, New Delhi, 1989 (Co-author).
8. Personnel Management in Small Scale Industries, Deep and Deep Publications, New Delhi, 1988.

Journal publications/conference Proceedings

1. Apparao, P.B., (2011 to 2013), Editorials, Management Today, Vol.1, No.1 to Vol. 3, .No.4. So far for nine issues.
2. Raju, K.V.S., and Apparao, P. B., (2012). Select Bibliography on Leadership and Leadership Development (S-Z). Management Today, Vol.2, No.4, pp.



3. Raju, K.V.S., and Apparao, P. B., (2012). Select Bibliography on Leadership and Leadership Development (M-R). Management Today, Vol.2, No.3, pp.
4. Raju, K.V.S., and Apparao, P. B., (2012). Select Bibliography on Leadership and Leadership Development (A-L). Management Today, Vol.2, No.2, pp.
5. Apparao, P.B., (Co-Author), "Human Resource Interventions for Micro-Finance: Certain Issues and Concerns", in Microfinance and Poverty Alleviation (Eds) G.Rama Krishna Reddy, P.B.Apparao, and M.Rama Subba Reddy, Sri Ramakrishna Degree and PG College, Nandyal, pp.145-157, 2010.
6. Apparao, P.B., (Co-Author), "Financial Inclusion – A Micro Finance Initiative for Poverty Alleviation and Economic Development", in Microfinance and Poverty Alleviation (Eds) G.Rama Krishna Reddy, P.B.Apparao, and M.Rama Subba Reddy, Sri Ramakrishna Degree and PG College, Nandyal, pp.89-98, 2010.
7. Apparao, P.B., (Co-Author), "Human Resource Interventions for Micro-Finance: Certain Issues and Concerns", in Microfinance and Poverty Alleviation (Eds) G.Rama Krishna Reddy, P.B.Apparao, and M.Rama Subba Reddy, Sri Ramakrishna Degree and PG College, Nandyal, pp.145-157, 2010.
8. Apparao, P.B., (Co-Author), "Financial Inclusion – A Micro Finance Initiative for Poverty Alleviation and Economic Development", in Microfinance and Poverty Alleviation (Eds) G.Rama Krishna Reddy, P.B.Apparao, and M.Rama Subba Reddy, Sri Ramakrishna Degree and PG College, Nandyal, pp.89-98, 2010.
9. Apparao, P.B., (Co-Author), "Microfinance and Poverty Alleviation", in Microfinance and Poverty Alleviation (Eds) G.Rama Krishna Reddy, P.B.Apparao, and M.Rama Subba Reddy, Sri Ramakrishna Degree and PG College, Nandyal, pp.1-10, 2010.
10. Apparao, P.B., (Co-Author), "Microfinance and Poverty Alleviation", in Microfinance and Poverty Alleviation (Eds) G.Rama Krishna Reddy, P.B.Apparao, and M.Rama Subba Reddy, Sri Ramakrishna Degree and PG College, Nandyal, pp.1-10, 2010.
11. "Human Resource Information Systems", in Human Resources Management Strategic Changes (Ed.) G.Narasimha Murthy, N.Hanumantha Rao, V.V.S.Sarma, and P.Indrasena Reddy, New Century Publications, New Delhi, September 2008, pp.220-246.
12. "Impact of Economic Reforms on Banking Industry", The Executive, Vol.1, Issue: 1, Jan-June, 2002. Pp.36-43.
13. "Impact of E-Commerce and Internet on Accounting Education, Profession and Practice", in Challenges Before Business Education in India, Edited by S.S. Hugar, Atlantic Publishers and Distributors, New Delhi, 2001, pp.358-369.
14. "Perspectives of Entrepreneurship Education and Training", (Co-author), in Challenges Before Business Education in India, Edited by S.S. Hugar, Atlantic Publishers and Distributors, New Delhi, 2001, pp.39-50.



15. "Human Resource Management – Challenges Ahead", Human Resource Management in the New Millennium, Ed. By P.Subba Rao, Himalaya Publishing House, Bombay.
16. "Credit Rating" in Financial Services (Ed.), Delta Publishers, Hyderabad, 1997.
17. "Ethical Attitudes of Small Scale Entrepreneurs" SEDME, 1991.
18. "Employer-Employee Relations", Financial Express, 3 December 1989.
19. "A Fresh Look at Sickness", Financial Express, April 12, 1989. p. 11.
20. "Labour Intensity in Small Industry", Financial Express, March 10, 1989, p.6.
21. "Sickness in Small Industry in Andhra Pradesh", Decision, Vol. 15, Nos. 3 & 4, July-October, 1988, pp. 235-245.
22. "Apparent and Real causes of Sickness in the Small Scale Industry" in Sickness in Small Industry, (ed.) T.S.Reddy and L.V.Reddy, Himalaya Publishing House, New Delhi, 1988, pp. 3-18.
23. "Human Resource Accounting" (in Telugu), Telugu, May 1988, pp. 39-43.
24. "Incentives to Small Industry", Financial Express, Madras, Sunday, April 24, 1988, p.6.
25. "Training Practices in Small Industry", SEDME, Vol. XV, No.1, March 1988, pp. 29-39.
26. "Sickness in Small Industry - Two Case Studies", pp. 142-153, in Sickness in Small Scale Industries, (ed.) K.C. Reddy, Ashish Publishing House, New Delhi, 1988.
27. "Absenteeism in Small Industry", The Manager, Vol. 10, 1985-87, pp.18-35.
28. "Entrepreneurial Development Programme", Financial Express, Bombay, Wednesday, September 9, 1987, p.4.
29. "Review of Literature on Labour in Small Industry", Southern Economist, June 15, 1987, pp. 21-22.
30. "Absenteeism - A study of Attitudinal Differences" - Published in The Economic Times, 15 January 1987.
31. "A Survey of Literature Pertaining to Entrepreneurship in Small Industry", The Indian Journal of Commerce, Vol.XXXIX, Part 4,No.149, October-December, 1986, pp.1-7.
32. "Consequences of Unionization in Small Industry" - Published in Indian Management, October 1986, pp.54-56.
33. "Unionization in Small Industry with Special Reference to Kurnool District, published in SEDME, Vol.XIII, March-June, 1986, pp.1-11.

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.



Dr. K V S Raju

Professor

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

Experience: 35 years

Journal Publications/Conference Proceedings: 9

Journal publications

1. Raju, K.V.S., and Apparao, P. B., (2012). Select Bibliography on Leadership and Leadership Development (S-Z). Management Today, Vol.2, No.4, pp.
2. Raju, K.V.S., and Apparao, P. B., (2012). Select Bibliography on Leadership and Leadership Development (M-R). Management Today, Vol.2, No.3, pp.
3. Raju, K.V.S., and Apparao, P. B., (2012). Select Bibliography on Leadership and Leadership Development (A-L). Management Today, Vol.2, No.2, pp.
4. K V S Raju (2011), "A frame work for leadership development in public sector bank", International journal of research in Commerce, Economics & Management, Vol.1, No.3, pp.5-10 (ISSN: 2232 -4245)
5. K V S Raju (2010), " Impact of flexi-time (A work life balance practices) on employee stress reduction in IT- Sector – Indian Perspective" Journal of IEM institute of Business Management, Vol.2, pp.41-46 (ISSN: 0975 -5268)

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 .
2. Presented research paper titled "Performance of Microfinance Institutions with Nationalized Banks In India - An Evaluation" in the National Seminar on Microfinance – Issues, Challenges and Policy Options in Emerging Economies (NSMF -2012) held on 17 -18 February, 2012, organized by the Department of Business Management, KRISHNA UNIVERSITY, Machilipatnam, AP.



3. Presented research paper titled "Leadership for Green Marketing" in National Seminar on Green Management, held on 2 April, 2011, organized by Hyderabad Business School, Gityam University, Hyderabad.
4. Presented research paper titled "Impact of flexi-time (A work life balance practice) on employee retention in the midst of the Global Crisis" in National Seminar on Managing In Uncertain Economic Era – Embracing held on 5- 7, November 2009, organized by University of Hyderabad, Hyderabad.



Dr. Y. Rama Krishna Prasad

Professor & Head of the Department

Qualifications: Ph.D (Commerce and Management) (Acharya Nagarjuna University, Guntur), M.B.A (University of Madras, 1998) M.Com (Nagarjuna University, Guntur, 1996) B.Com (Andhra University, 1994).

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: 13

Books published: 1

Journal publications

International publications

1. Dr. Y. Rama Krishna Prasad (2013), "A Study on the role of consumer service on consumer loyalty in Indian Grocery retailing," SUMEDHA Journal of Management (ISSN: 2277-6753), Vol.2, PP. 85 -101.
2. 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 Academic Research Journals (ISSN:2249-877X), Vol.3, PP. 126-149.
3. Dr. Y. Rama Krishna Prasad (2013), "Effect of Shopper Characteristics in Choice of a Retail Format in Food and Grocery Retailing in India," International Journal of Management studies (ISSN:2230-9764), Vol.3, PP. 43-56.
4. Dr. Y. Rama Krishna Prasad (2012), "A Study on the Effect of Shopping Motives in store patronage behavior in food and grocery retailing," African Journal of Business Management (ISSN 1193 -8233), Vol.6 (45), pp. 11294-11303.
5. Dr. Y. Rama Krishna Prasad (2011), "A Study on attributes influencing the purchasing behavior of apparel consumers in organized outlets," International Journal of Management studies (ISSN: 2230-9764), Vol.1, pp.43-56.



Conference Proceedings

International Conferences

1. Presented research paper titled "Examining the Role of Consumers in-Store Shopping Experience as a Retailers Consumer Retention Strategy in Food and Grocery Retailing - A Comparative study" in the International Conference on Marketing Strategies in Globalized Economic Era- Perspectives & Challenges (ICCDMS -13) held on 29 -30 October, 2013, organized by DMS GRIET, Hyderabad. (ISBN: 978-81-928677-0-0)
2. Presented research paper titled "E- Business Models and the role of CRM in E-Business" in the 2nd International Conference on Advanced Computing Methodologies (ICACM -13) held on 02-03 August, 2013, organized by School of Computing GokarajuRangaraju Institute of Engineering and Technology, Hyderabad.
3. 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.
4. Presented research paper titled "Role of Shopping Motivations in Store patronage Behaviour in Emerging Market: An Empirical Analysis" in International conference on Business Growth in Emerging Markets: Global Shifts and Local Effects held on 15-16 December 2011 at Institute of Public Enterprise (IPE) in association with EGADE Business School, Mexico, in Hyderabad, India.
5. Presented research paper titled "Effect of Cross Shopping Behaviour on Store Format Choice in Food and Grocery Retailing-An Empirical Analysis" in 4th IIMA Conference on Marketing in Emerging Economies held n 5-7 Jan 2011 at Indian Institute of Management, Ahmedabad (IIMA), India.
6. 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.

National Conferences

1. Presented research paper titled "Indian Retail Sector Issues and Challenges" in National Seminar on Retailing in India held on September 2013, organized by School of Management Studies, JNTUH, Hyderabad, (ISBN: 978-93-5062-330-5).
2. Presented research paper titled "Performance of Microfinance Institutions with Nationalized Banks In India - An Evaluation" in the National Seminar on Microfinance Issues, Challenges and Policy Options in Emerging Economies (NSMF -2012) held on 17 -18 February, 2012, organized by the Department of Business Management, KRISHNA UNIVERSITY, Machilipatnam, AP.



3. 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.
4. Presented research paper titled "A study on Consumer Patronage behavior decisions in Food & Grocery Retailing" in the AICTE sponsored National Seminar on Developing Research Skills in Management Scholars, held on 26-27 March, 2010 at DMS, GRIET, Hyderabad, India.
5. Presented research paper titled "Critical Factors of Viral Marketing in India- Perspectives and Challenges" in National Seminar on Innovations in the Rout to Win the Market held on 3-4 Dec, 2009 at Institute of Public Enterprise (IPE), Hyderabad, A.P, India.
6. 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.
7. Presented research paper titled "Handloom Industry In Indian Problems and Strategies" National Seminar(UGC Sponsored) on Challenges and Strategies of Handloom Industry held on 21-22 August, 2009 at PG Department of Management Studies, VRS&YRN College, Chirala, A.P, India.v

Books Published

1. Dr. Y.R.K.Prasad, Consumer Dynamics and Marketing Strategies in GI, DMS- GRIET, Hyderabad, ISBN 978-81-928677-0-0



Dr.M.S.R.Sesa Giri

Professor

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



1. "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)
2. "Post feedback appraisal-A study of NTPC, Visakhapatnam" paper published in BIFT Journal of International Management and Research, Volume-iv, No-1, July-September 2012,PP:49-54,ISSN: 0975-1378.(1st Author)
3. "Feedback On Implementation Of Online Performance Management System - A Mini Mix Model" Paper Published in International Journal of Research in Commerce, IT & Management Volume NO. 2 (2012), ISSUE NO. 4 (APRIL) ISSN: 2231(1st Author)
4. "Service Quality in Cosmetic Industry" a paper published in International Journal of Value Chain Management, Vol. 3, No. 4, 2009 - Switzerland. ISSN: 1741-5357, (2nd Author out of 3)

National Journals

1. "Dynamics of Retail Markets" paper published in the ICAI University Journal of Services Marketing, Vol.VI no.3, September 2008, PP 18-28. ISSN: 09729224, (2nd Author out of 3).

Book Publications

1. Authored a Book on "High Performance is key for organizational success", (A National seminar edited book), Excel Publishers. ISBN: 978-93-5062-198-1.
2. Authored a Book on "consumer dynamics and Marketing strategies in the globalized economic era-Perspectives and Challenges", (An International onference edited book), GRIET Publishers. ISBN: 978-81-9286-77-0-0.



Mr. S.Ravindra Chary

Associate Professor

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

Experience: 15 years

Conference Proceedings: 1

Research interest: Financial Accounting and Analysis, Financial Management, Operations Research, Cost and Management Accounting, Security Analysis and Portfolio Management, Strategic Financial Management and Financial Derivatives.

Conference Proceedings:

International Conferences:

1. Presented a research paper titled "A Study On Introduction To Customer Relationship Management" in the International Conference on Marketing Strategies in Globalized Economic Era- Perspectives & Challenges (ICCDMS -13) held on 29 -30 October, 2013, organized by DMS GRIET, Hyderabad. (ISBN: 978-81-928677-0-0).



Mr.K.K Sunil Kumar

Associate Professor

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

Research interest: Marketing Management; Management Information Systems, Strategic Management, Managerial Economics, E-Commerce, Services Marketing, Consumer Behaviour, E-Commerce.

Journal publications:

International Publications

1. K K Sunil Kumar, "Green Cars The Road Ahead", International Journal of Advanced Engineering & Management, IJAEMT.
2. K. K. Sunil Kumar, "Performance Evaluation of A Thermal Power Plant- Considerations For Questionnaire Survey International Journal of Entrepreneurship, Pezotatitte Journals

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.
2. Presented a paper on "Training and Development-Best Practices" in the International Conference on Training and Development, organized by JNTUH, Hyderabad on 6-7 Feb 2014.
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:

1. Presented research paper titled "Indian Retail Sector Issues and Challenges" in National Seminar on Retailing in India held on September 2013, organized by School of Management Studies, JNTUH, Hyderabad, (ISBN: 978-93-5062 330-5).



Dr. D.Indira

Associate Professor

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: 4

Research interest: Entrepreneurship, corporate finance, macro and micro economics, internatioNal finance, security analysis and Financial markets

Journal publications

1. D.Indira (2003), "CAS The Pandora Box", Advertising Express, July 2003.
2. D.Indira (2008), "FOOD CRISIS-IMPACT ON INDIA (A STUDY)", Published in upublish.com, <http://www.upublish.info/rssauthor/20647.xml>.

Conference proceedings

International Conferences:

1. Presented research paper titled "Strategic Issues relating to micro retailers with reference to street vendors" in the International Conference on Marketing Strategies in Globalized Economic Era- Perspectives & Challenges (ICCDMS -13) held on 29 -30 October, 2013, organized by DMS GRIET, Hyderabad. (ISBN: 978-81-928677-0-0)

National Conferences:

1. Presented research paper titled "Microfinance on street vendors" in National Seminar on Microfinance Issues, Challenges and Policy Options in Emerging Economies (NSMF -2012) held on 17 -18 February, 2012, organized by the Department of Business Management, KRISHNA UNIVERSITY, Machilipatnam, AP.
2. Presented research paper titled "Emerging Trends in Marketing Concepts, HR Practices and Financial Systems" on 23rd and 24th October 2008, organised by A.V. College P.G.Centre



Mr.K.Surya Narayana

Associate Professor

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 ChainManagement, Management of Industrial Relations.

Journal Publications

National Publications

1. K.Surya Narayana, "Oprerations research for a public distribution system,Business Analyst'2009,Kakatiya University
2. K.Surya Narayana, "SEZ Approval Mechanism Department of Commerce and Business Management,Lal Bahadur College,Kakatiya University,Warangal
3. K.Surya Narayana, "Financial Sector Reforms in India Department of Commerce and Business Management,Lal Bahadur College,Kakatiya University,Warangal.
4. K.Surya Narayana, "Hassle Free Way to invest A study on Birla Sun Life Mutual Fund Business Analyst,Department of Commerce and Business Management,Lal Bahadur College,Kakatiya University,Warangal.

International Publications

5. K.Surya Narayana, "Performance Measurement of a Power Generating Organization,Usefulness of Value Added -A study of APGENCO Performance International Journal of Financial Perspectives,Pezotatitte Journals
6. K.Surya Narayana, "Performance Evaluation Of A Thermal Power Plant-Considerations For Questionnaire Survey International Journal of Entrepreneurship,Pezotatitte Journals.



Mr.K.Venkateswara Raju

Assistant Professor

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

Experience: 4 Years(Teaching)and 2Years(Industry)

Journal Publications: 5

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

Journal Publications

International Publications

1. K.Venkateswara Raju, "SCOPE OF ORGANIZED RETAIL IN INDIA AND VARIOUS STRATEGIES", International Journal of Retailing & Rural Business Perspectives , ISSN (P):2279-0934, (O):2279-0942,379-385.
2. K.Venkateswara Raju,"BENEFITS OF FDI IN INDIAN RETAIL SECTOR AND CUSTOMER PERCEPTION OF ORGANIZED RETAIL OUTLETS IN HYDERABAD", ISSN 0976 6502(Print), ISSN 0976 - 6510(Online)
3. K.Venkateswara Raju ,"A STUDY ON CONSUMER PREFERENCE ON BRANDED JEWELLERY IN HYDERABAD", ISSN(P): 2319-4898; ISSN(E): 2319-4901.
K.Venkateswara Raju ,"The Role of Advertising in Consumer Decision Making, IOSR Journal of Business and Management (IOSR-JBM)", e-ISSN: 2278-487X, p-ISSN: 2319-7668.

Conference Proceedings

1. Presented a paper on "CUSTOMER PERCEPTION ABOUT ANDHRA BANK IN VIJAYAWADA" at Two Day National conference on EMERGING TRENDS IN MARKETING March 18-19, 2014 organized by KLUniversity, Vijayawada.
2. Presented a paper on "AN OVERVIEW OF SUPPLY CHAIN MANAGEMENT AND INCREASING ROLE OF INFORMATION TECHNOLOGY IN MANAGING THE SUPPLY CHAIN AND LOGISTICS" at One Day National Confrence on Emerging Issues and Challenges in Supply Chain Management on 21 st March 2014 by GITAM University, Hyderabad.



Y. Gayathri

Associate Professor

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

Experience: 13 years

Journal Publications: 6

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

Journal Publications

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

Journal Publications: 6

Research interest: Financial Accounting and Analysis, Human Resource Management.

Conferences

International Conference:

1. "A Study on impact of Brand on Dynamic Consumer Buying decision towards HUL Commodities" in International Conference on Marketing Strategies in Globalised Economic Era-perspectives and challenges and challenges (ICCDMS-13) held on 29th -30th October 2013, organized by DMS GRIET Hyderabad (ISBN: 978-81-928677-0-0).

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.

DEPARTMENT OF MASTER OF COMPUTER APPLICATION

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 MBA

S.No	Name of the Faculty	Degree Awarded	No. of Publications (Journals/Conferences)
1	Dr. Sk Altaf Hussain Basha	2013	25

FACULTY AND THEIR PUBLICATIONS



Dr. Sk Althaf Hussain Basha

Professor and Head of Department of MCA

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)

Experience: 14 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: 13

No. of Conference Proceedings: 13

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: 5

Journal publications

International publications:

1. Sk Althaf Hussain Basha, Praveen Kumar Gera, Katragadda Srinivas Rao, "Analyzing Education Data Through Association Rules: A Case Study" , International Journal Of Advanced Treand In Computer Science And Engineering, Vol. 3 , No. 1, pages: 161-166 (2014), ISSN 2278-309.(Special Issue Of ICETETS 2014,MRIET & WARSE).
2. Sk Althaf Hussain Basha, P M Yohan, B Sasidhar,A.Govardhan , " Automatic Named Entity Identification and Classification using Heuristic Based Approach for Telugu" , IJCSI(International Journal of Computer Science Issues), Volume 10, Issue 6,November 2013,ISSN: 1694-0814. (Impact Factor:0.242)
3. Sk Althaf Hussain Basha, T Anusha, K Butchi Raju, Vijay Kumar Gongale, "An Object Oriented Approach to Dynamic En-Route Filtering Scheme For Data Reporting In Wireless Sensor Networks ",Volume 3, Issue 10, IJARCSSE, 2013,ISSN: 2277120X. (Impact Factor:2.080)
4. Sk Althaf Hussain Basha, Ch. Prakash, D. Mounika, G. Maheetha, "An Approach for Multi Instance Clustering of Student Academic Performance in Education Domain" ,IJJDWM Journal, Volume 3,Issue 1,pp.1-9,Feb.2013,ISSN: 2249-7161.(Impact Factor:0.675)
5. Sk Althaf Hussain Basha, Sd.Muneer, E.Srinivasa Reddy, I Ramesh Babu, " Robust Watermarking Method For Any Images Based On Noise Density " International Journal of Advanced Computing(IJAC), Volume 4,Issue 3&4,2012,pp.114-121,ISSN: 0975-7686.
5. Sk Althaf Hussain Basha, A.Govardhan,Sd.Muneer, V.Uday Kumar " Generate



Eligible Students using Decision Trees-A Frame work for Employee Ability” International Journal of Advanced Computing(IJAC), Volume 4,Issue 2,2012,pp.68-76, ISSN: 0975-7686.

6. Sk Althaf Hussain Basha, , A.Govardhan ,Y.R.Ramesh Kumar , Mohd. Zaheer Ahmed, “Predicting Student Academic Performance Using Temporal Association Mining” International Journal of Information Systems and Education (IJISE), Vol.2, No.1(2012),pp.21-41,ISSN: 2231-1262. (Impact Factor :0.21)
7. Sk Althaf Hussain Basha, , A.Govardhan ,Y.R.Ramesh Kumar , Mohd. Zaheer Ahmed, “Study of Education Patterns Using Association Mining” International Journal Data Warehousing(IJDW), Vol.3 ,No.2,2011, pp. 53-64, ISSN: 0975-6124. (Impact Factor:0.412)
8. Sk Althaf Hussain Basha, A.Govardhan, “MICR: Multiple Instance Cluster Regression for Student Academic Performance in Higher Education”, International Journal of Computer Applications(IJCA), Volume 14– No.4,2011,pp.23-29, ISSN: 0975-8887 (Impact Factor : 0.821)
9. Sk Althaf Hussain Basha, A.Govardhan “A Comparative Analysis of Prediction Techniques for Predicting Graduate Rate of University” , European Journal of Scientific Research(EJSR) ,Vol.46 No.2,2010, pp.186-193, ISSN No:1450-216X . (Impact Factor :0.783)
10. Sk. Althaf Hussain Basha, A.Govardhan “Rank Analysis Through Polyanalyst using Linear Regression” , International Journal of Computer Science and Network Security(IJCSNS), VOL.9 No.9,2009, pp. 290-293, ISSN: 1738-7906. (Impact Factor:2.512)

Conference Proceedings

International Conferences

1. Sk Althaf Hussain Basha, Naga Raju Devarakonda, Shaik Subhani, “ Outliers Detection in Regression Analysis using Partial Least Square Approach”, ICT and Critical Infrastructure : proceedings of the 48th Annual Convention of Computer Society of India- Springer, Vol II Advances in Intelligent Systems and Computing, Volume 249,pp. 125-135, Visakhapatnam, December 2013,ISBN: 978-3-319-03095-1.
2. Sk.Altaf Hussain Basha, Y Ramesh Kumar, Y Vijayalata,“ Predicting Student Academic Performance using Temporal Association Mining-A case Study on Educational Data ”, IEEE International Conference on Engineering for Humanity (ICEH-2013), Hyderabad, pp. 21-27,2013, ISSN: 978-93-82880-53-0.
3. Sk.Altaf Hussain Basha, Y. Vijayalata, V. Anand , Donapati Srikanth, “ Study of Education patterns using Rare Association Mining-A case Study ” , IEEE International Conference on Engineering for Humanity (ICEH-2013), Hyderabad, pp. 53-61,2013,ISSN: 978-93-82880-53-0.
4. Sk Althaf Hussain Basha, T Naveen Kumar , V. Anand , Donapati Srikanth,



- "Categorization of Academic Student Performance using Hybrid Techniques" International Conference on Advanced Computing Methodologies (ICACM-2013), Hyderabad, pp.325-330, 2013
5. Sk.Altaf Hussain Basha, Y.Sri Lalitha, N.Sandhya, Dr.A.Govardhan "Web Usage Mining - A Survey" , IEEE International Advance Computing Conference (IACC 2009) , Thapar University ,Patiala, 1684-1689, 2009, ISSN: 978-981-08-2465.
 6. Sk.Altaf Hussain Basha, Dr.S.Viswanadha Raju, B.Shasidhar, Dr.AVinaya Babu, Dr A.Govardhan "Parallel Algorithm for string Matching on 2D Liner Array with Reconfigurable pipelined Bus system", International Conference on Advanced Computing Technologies (ICTACT 2008), GRIET, Hyderabad, 564-568, 2008, ISSN: 9788178003.
 7. Sk.Altaf Hussain Basha, K.Venkat Subbaih, A.V.N.Sharma, Dr. G.V.S.Raju "Facilities Layout Optimization using Genetic Algorithm", International Conference on Advanced Computing Technologies (ICTACT 2008), GRIET, Hyderabad, 32-36, 2008, ISSN: 9788178003.

National conferences:

1. Sk Althaf Hussain Basha, N Kartiek " Forecasting the Academic Results of Students using Artificial Neural Networks" National Conference in modern trends in Computer Science & Technogology (NCMTCSCT2013), 2013, ISSN: 978-162776537-4.
2. Sk Althaf Hussain Basha, Y.R. Ramesh Kumar, D. Mounika, Y Vijayalatha, A. Govardhan, " Study of Education Patterns using Rare Association Mining", National Conference on Emerging Trends of Computing Technologies, (NCECT2013), GRIET, Hyderabad, pp.93-103, 2013.
3. Sk Althaf Hussain Basha, Y.Sri Lalitha, N.Sandhya, Dr. A.Govardhan "Web Usage Mining-Survey" , Published in proceeding of National Conference on "Soft Computing and Artificial Intelligence" (NCSCAI 2009) at Lingaya's University, Faridabad, 222-227, 2009.
4. Sk. Althaf Hussain Basha, K.Srinivasa Rao "Planning, Forecasting and Inventing computers in Higher Education." published in proceeding of UGC sponsored National Seminar on Food Security, nutrition and poverty in India, from 28-07-2004 to 29-07-2006 at Hindu College, Guntur.
5. Sk. Althaf Hussain Basha, S.Mohan Kumar "Computational tools for poverty measurement and analysis", published in proceedings of UGC sponsored National Seminar on Quality in Higher Education and its outcome from 7-10-2004 to 8-10-2004 at Hindu College, Guntur.

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, K Butchi Raju "Taxonomy of E-learning Systems Problems with Data Mining Techniques – Review" , Zenith Publications, 2013. (Communicated to Publisher).



Citations-Publications

1. Alaa Althubaiti, Mohammad Alkhazim, "Medical Colleges in Saudi Arabia: Can We Predict Graduate Numbers? ", Journal of Higher Education Studies(Canadian Center Of Science and Eduaction), Vol. 4, No.3; pp.1-8, ISSN 1925-4741 E-ISSN 1925-475X.
2. M.Magila Priya, R.Augutian Issac, Dropout in Cost Sensitive Classification", International Journal of Advanced Computing (IJAC), Vol. 6, Issue. 1, Januray-2014, ISSN:0975-7686.
3. Anita N Chaware , U.A.Lanjewar,"A Novel Education Data Mining Model To Attain Sustainability", International journal of Advanced Research in Computer Science(IJARCS), vol. 5, no.1 ,Jan-Feb 2014, pp. 64-68, ISSN No.0976-5697.
4. P. Ajith,R Raja Sekhara Rao, "Role of Data Mining: A Technical Education Perspective", International Journal of Engineering Computer Science & Technology(IJECST), v0105, pp.01 –05,2012.
5. 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
6. Swati Vitkar , Rekha Singh, "Framework to Study Impact of Environmental Parameters on Human Health Using GIS and Data Mining ", Journal of Computing Technologies(JCT),pp.33-37,2012.
7. Raymond S. Bermudez, Joseph O. Manalang, Bobby D. Gerardo, Bartolome T. Tanguilig III, "Predicting Faculty Performance Using Regression Model in Data Mining", sera, Ninth International Conference on Software Engineering Research, Management and Applications, IEEE xplore, pp.68-72, 2011.
8. Chady El Moucary, "Data Mining for Engineering Schools Predicting Students' Performance and Enrolment in Masters Programs" , International Journal of Advanced Computer Science and Applications(IJACSA), Vol. 2, No. 10, pp.1-9, 2011.
6. J. Shana, T. Venkatachalam, "Identifying Key Performance Indicators and Predicting the Result from Student Data", International Journal of Computer Applications (IJCA),Vol. 25, No.9, pp.45-48, 2011.
7. Mazlan, E.M., Rahman, S., Ahmad, R., Kasbon, R, "Development of a manufacturing industry success rate analyzer using data mining technique", Information Technology (ITSim), International Symposium in, IEEE explore, Malaysia, Volume: 2, pp. 1032 – 1036, 2010.

Books Published

1. Sk Althaf Hussain Basha "Computer Fundamentals for Beginners", APTECH Education Publications,2005



Ms. Y. Sri Lalitha

Associate Professor , Department of MCA

Qualification:M.Tech (CSE)(JNTU, Hyderabad ,2001),

Experience: 17 Years

Research Interest: Data Mining, Algorithms

No. of Journal Publications: 3

No. of Conference Proceedings: 3

No. of Books published: 1

Journal publications

International publications:

1. Y. Sri Lalitha, N. Sandhya, Dr. A. Govardhan, Dr. K. Anuradha - "Neighbor based Text Document Clustering", (IJCSIS) International Journal of Computer Science and Information Security, Vol. 9, No. 8, August 2011 pp.146-153.
2. Y. Sri Lalitha, N. Sandhya, Dr. A. Govardhan, V. Sowmya, Dr. K. Anuradha , "Analysis of Stemming Algorithm for Text Clustering" IJCSI International Journal of Computer Science Issues, Vol. 8, Issue 5, No 1, September 2011 ISSN (Online): 1694-0814, pp.352-359.
3. Y. Sri Lalitha, Dr. A. Govardhan, N. Sandhya, Dr. K. Anuradha "An improved Approach for Document Retrieval Using Suffix Trees" (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 2, No. 9, 2011 pp. 33-36.

Conference Proceedings

International Conferences:

1. Y. Sri Lalitha, A. Govardhan "Semantic Framework for Text Clustering with Neighbors ",ICT and Critical Infrastructure: Proceedings of the 48th Annual Convention of CSI, Volume II, Advances in Intelligent Systems and Computing 249, © Springer International Publishing Switzerland 2013 December 2013 pp.261-271, ISBN: 978-3-319-03095-1.
2. Y. Sri Lalitha, Sk. Altaf Hussain Basha, N. Sandhya, Dr. A. Govardhan "Web Usage Mining A Survey ", IEEE International Advance Computing Conference(IACC 2009), Thapar University,Patiala,pp. 1684-1689,2009, ISSN: 978-981-08-2465.

National conferences:

1. Y. Sri Lalitha, Sk. Altaf Hussain Basha, N. Sandhya, Dr. A. Govardhan "Web Usage Mining Survey ", published in proceeding of National Conference on "Soft Computing and Artificial Intelligence" (NCSCAI 2009)at Lingaya's University, Garidabad, pp.222-227,2009.

Books Published

Y Sri Lalitha " Theory of Computation", Spectrum Series Publications



Mr. N V Ganpathi Raju

Associate Professor

Qualification: Ph.D(pursuing) , M.Tech (CST)(Andhra University ,2008),MCA(2000)

Experience: 13 Years

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:

1. N.V. Ganapathi Raju, Bhavya Sukavasi, Sai Rama Krishna Chava, Vidya Rani Vadisala, "An Application of Statistical Indexing for Searching and Ranking of documents A Case study on Telugu Script" , International Journal of Computer Applications (0975 8887) Volume 28 no.3, pp.22-27, August 2011
2. N.V.Ganapathi Raju, Bhavya Sukavasi, Sai Rama Krishna Chava, Vidya Rani Vadisala,,"Automatic Information Collection & Text Classification for Telugu Corpus using K-NN Algorithm" , International Journal of Research in Computer Application & Management(ijrcam),Vol.1,no. 9,November 2011,pp.88-93,2011

Conference Proceedings

International Conferences:

1. N V Ganapathi Raju, Dr Uma Maheswar Rao, Christopher M, Parameswari of CALTS "A Telugu Spell Checker based on Morphological Analyzer for Error Detection & Suggestion Generation". International Telugu Internet Conference (ITIC). Nov 2012.



Mr. Ch.V.V.Satyanarayana

Assistant Professor

Qualification:M Tech(CSE)(JNTU-K 2012)

Experience: 6.5 Years

Area of research interest: Networking and Communications

Journal Publications/ Conference Proceedings: 2

Conference Proceedings

National conferences:

1. Ch.V.V.Satyanarayana, G.Sanjiv rao, "Spread Spectrum System With DoS Attack Propertie In Wireless Sensor Networks", " Proc. National Conference on Research Trends in Computer science and Technology (NCRTCST-2012) ISBN: 978-81-923249-0-6.
2. Ch.V.V.Satyanarayana, "An En-routing Filtering scheme for Reporting the Data in Wireless Sensor Networks", " Proc. National Conference On High Performance Computing and Networking (HPCN-2011).



Mr. K. Butchi Raju

Associate Professor

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

Journal Publications/ Conference Proceedings: 10

Journal publications

International publications:

1. K Butchi Raju et.al, " Parallel String Matching Problems with Computing Models - An Analysis of the Most Recent Studies", International Journal of Computer Applications , Vol.76-No.15,pp.7-25, Published by Foundation of Computer Science, New York, USA, August 2013, IF-0.821, ISSN: 0975-8887.
2. K Butchi Raju et.al, " A Novel Structure for Parallel String Matching- A Computational Approach with Omega Model", International Journal of Advanced Computing, Vol-5, Issue-3, pp.94-100, July 2013, ISSN: 0975-7686.
3. K Butchi Raju et.al, "Recent Advancement in String matching algorithms- A survey and experimental results", International Journal Computer Information Systems, Vol 6 No 4, pp.23-30, 2013, ISSN: 2229-5208
4. K Butchi Raju et.al, " A Parallel Computational Approach for String Matching- A Novel Structure with Omega Model", Global Journal of Computer Science and Technology, Vol-13, Issue-12, pp.11-29, 2013, ISSN: 0975-4350.
5. K Butchi Raju et.al, "Recent Advancement is Parallel Algorithms for String matching - A survey and experimental results", International Journal of Advanced Computing, Vol 4 issue 4, pp-91-97, 2012, ISSN: 0975-7686.
6. K Butchi Raju et.al, "Parallel Algorithms for String Matching Problem based on Butterfly Model", pp.41-56, International Journal of Computer Science and Technology, Vol. 3, Issue 3, July Sept, ISSN 2229-4333, 2012, IF-0.478

Conference Proceedings

International Conferences

1. K Butchi Raju et.al, "Recent Advancement in Parallel Algorithms for String matching on computing models - A survey and experimental results", LNCS, Springer, pp.270-278, ISBN: 978-3-642-29279-8, 2011.
2. K Butchi Raju et.al, "PDM data classification from STEP- an object oriented String matching approach", IEEE conference on Application of Information and Communication Technologies, pp.1-9, ISBN: 978-1-61284-831-0, 2011.
3. K Butchi Raju et.al, "Implementation of Interactive Data Knowledge Management and Semantic Web for Step-Data from Express Entities", Proceedings of the 2010 3rd International Conference on Emerging Trends in Engineering and Technology, pp.537-542, ISBN: 978-0-7695-4246-1, 2010.
4. National conferences: K. Butchi Raju, "Role Based Access Control", National Conference on Information Security at Sidhardha Engineering College, Vijayawada, pp.78-84, 2007.



Mr. V Anand

Assistant Professor

Qualification: MCA (Periyar University 2004)

Experience: 10 Years

Area of research interest: Linux, DS, Soft Sciences

Journal Publications/ Conference Proceedings: 2

Conference Proceedings

International Conferences:

1. V. Anand, Sk. Altaf Hussain Basha, Y. Vijayalata, Donapati Srikanth, " Study of Education patterns using Rare Association Mining-A case Study ", IEEE International Conference on Engineering for Humanity (ICEH-2013), Hyderabad, pp. 53-61, 2013.
2. V. Anand, Sk. Altaf Hussain Basha, T Naveen Kumar, Donapati Srikanth, "Categorization of Academic Student Performance using Hybrid Techniques" International Conference on Advanced Computing Methodologies (ICACM-2013), Hyderabad, pp.325-330, 2013



Mr. Donapati Srikanth

Assistant Professor

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

Experience: 4

Research interest: Data Mining, Middleware like EAI

Journal Publications/ Conference Proceedings: 2

Conference Proceedings

International Conferences

1. Donapati Srikanth, V. Anand ,Sk. Altaf Hussain Basha, Y. Vijayalata " Study of Education patterns using Rare Association Mining-A case Study " , IEEE International Conference on Engineering for Humanity (ICEH-2013), Hyderabad, pp.53-61,2013.
2. Donapati Srikanth, V. Anand ,Sk Althaf Hussain Basha, T Naveen Kumar , "Categorization of Academic Student Performance using Hybrid Techniques" International Conference on Advanced Computing Methodologies (ICACM-2013), Hyderabad, pp.325-330 ,2013



Mr. C.N.V.B.R.Sri Gowrinath

Assistant Professor, Dept. of MCA

Qualifications : M.Tech (Computer Science and Engineering) (JNTU Kakinada, 2013), M.C.A (Andhra University, 2008).

Experience: 6 years

Research interest: Data Structures, Software Engineering.

Certifications: Java Standard Edition 5 Programmer Certified Professional Exam

Journal publications/conference proceedings: 1

Conference Proceedings

International conferences:

1. C.N.V.B.R.Sri Gowrinath, M.Satish Kumar "Cloud Oriented Remote Device Display, "International journal for Research in Information Technology(IJRIT), Volume-1 Issue- 12,2013,ISSN: 2001-5569 (Impact Factor: 1.738).



Mr. Ch. Veeranjanyulu

Assistant Professor

Qualification: MCA, M.Tech (JNTUH 2013)

Experience: 5 years

Area of research interest: Databases

Journal publications/conference proceedings: 1

Conference Proceedings

International conferences:

1. Ch. Veeranjanyulu, Ravi Mathey "Attribute information for incremental classification of large datasets" International journal of computer science information and engineering technologies (IJCSIET).



NUMBER OF PUBLICATIONS AND CONFERENCES OF ALL DEPARTMENTS

Bio-Medical Engineering

YEAR	NATIONAL JOURNAL	INTERNATIONAL JOURNAL	NATIONAL CONFERENCE	INTERNATIONAL CONFERENCE
TILL 2010	0	2	0	4
2011	0	0	0	2
2012	0	0	2	4
2013	0	1	2	5
2014	0	2	0	0

Bio-Technology

YEAR	NATIONAL JOURNAL	INTERNATIONAL JOURNAL	NATIONAL CONFERENCE	INTERNATIONAL CONFERENCE
TILL 2010	3	9	9	3
2011	3	4	1	2
2012	3	13	0	0
2013	4	6	1	1
2014	1	0	0	0

Civil Engineering

YEAR	NATIONAL JOURNAL	INTERNATIONAL JOURNAL	NATIONAL CONFERENCE	INTERNATIONAL CONFERENCE
TILL 2010	2	0	14	17
2011	0	1	8	2
2012	0	4	12	1
2013	2	8	9	5
2014	2	1	1	5

Computer Science and Engineering

YEAR	NATIONAL JOURNAL	INTERNATIONAL JOURNAL	NATIONAL CONFERENCE	INTERNATIONAL CONFERENCE
TILL 2010	3	6	7	9
2011	0	10	0	4
2012	1	7	15	4
2013	2	9	5	4
2014	1	4	5	4

Electronics and Communication Engineering

YEAR	NATIONAL JOURNAL	INTERNATIONAL JOURNAL	NATIONAL CONFERENCE	INTERNATIONAL CONFERENCE
TILL 2010	0	5	30	29
2011	0	1	0	1
2012	0	4	3	2
2013	0	1	2	4
2014	0	0	0	0



Electrical and Electronics Engineering

YEAR	NATIONAL JOURNAL	INTERNATIONAL JOURNAL	NATIONAL CONFERENCE	INTERNATIONAL CONFERENCE
TILL 2010	41	8	4	4
2011	1	1	2	12
2012	10	2	8	18
2013	9	5	2	14
2014	0	0	0	3

Information Technology

YEAR	NATIONAL JOURNAL	INTERNATIONAL JOURNAL	NATIONAL CONFERENCE	INTERNATIONAL CONFERENCE
TILL 2010	1	2	1	6
2011	1	1	0	0
2012	0	3	0	1
2013	0	5	2	5
2014	0	1	0	0

Mechanical Engineering

YEAR	NATIONAL JOURNAL	INTERNATIONAL JOURNAL	NATIONAL CONFERENCE	INTERNATIONAL CONFERENCE
TILL 2010	7	13	9	15
2011	0	1	2	7
2012	0	4	1	18
2013	1	14	0	10
2014	3	11	2	5

Management Studies

YEAR	NATIONAL JOURNAL	INTERNATIONAL JOURNAL	NATIONAL CONFERENCE	INTERNATIONAL CONFERENCE
TILL 2010	11	5	20	2
2011	4	2	0	3
2012	3	3	2	3
2013	1	3	2	5
2014	1	0	2	1

Master of computer Application

YEAR	NATIONAL JOURNAL	INTERNATIONAL JOURNAL	NATIONAL CONFERENCE	INTERNATIONAL CONFERENCE
TILL 2010	0	3	3	5
2011	0	14	1	2
2012	0	7	1	1
2013	2	6	2	9
2014	1	2	0	0

Total Number of Papers Published in National Journals: 125

Total Number of Papers Published in International Journals: 221

Total Number of Papers Presented in National Conferences: 208

Total Number of Papers Presented in International Conferences: 266



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