



# JNTUA NEWS LETTER

Jawaharlal Nehru Technological University Anantapur  
Ananthapuramu-515 002, Andhrapradesh, India.

Phone No:08554-272433 website: [www.jntua.ac.in](http://www.jntua.ac.in) Email :[registrar@jntua.ac.in](mailto:registrar@jntua.ac.in)

Volume –4

October - December, 2015

Issue –4

## In this Issue..

List of Gold Medals for 2011-2015 Batch	..2
Ph.Ds Awarded	..4
Seminars / Conferences / Work Shops / FDPs Organized	..6
Publications	..9
NSS Activities	..12
Affiliated Colleges News	..14
Theses in Shodhganga	..28

## Seventh Convocation of JNTUA



The Seventh Convocation of JNTUA was conducted on 27th December 2015 at the University Auditorium with gaiety and fervor. All the University officials and other staff had actively participated in the Convocation and there was festive atmosphere in the campus. The function was colorful as the venue was decked with floral decoration. On behalf of Chancellor of University and the Governor of Andhra Pradesh. Hon'ble Shri E.S.L. Narasimhan, the Vice-Chancellor of the University Prof. M.M.M. Sarcar conducted the proceedings of the convocation. Dr. Sekhar Basu Secretary, Department of Atomic Energy & Chairman, Atomic Energy Commission, Govt. of India, was the Chief Guest and he was conferred with Doctor of Science (Honoris Causa) Degree.



Prof. M.M.M. Sarcar, assumed charge as Vice Chancellor of the JNTUA on 29-10-2015



Prof. H. Sudarsana Rao, Chairman  
Prof. K.S.R. Anjaneyulu  
Prof. S. Krishnaiah  
Prof. V. Sankar, Convener

Prof. K. Prahlada Rao  
Prof. K. Govinda Rajulu  
Prof.N. Devanna

Prof. K.B. Chandra Sekhar  
Dr. V.B. Chitra  
Dr.T.Narayana Reddy

**JNTUA SEVENTH CONVOCATION - LIST OF GOLD MEDALS FOR 2011-2015 BATCH**

<b>S.No.</b>	<b>Student Name</b>	<b>College Name</b>	<b>Branach</b>	<b>% of Marks</b>
1	Kambham Amani	Siddartha Educational Academy Group of Institutions - Tirupati	CE	83.29
2	Sravani Kancharla	Shanthiram Engg. College - Nandyal	EEE	87
3	Neeluri Bharathi	Madanapalle Institute of Tech. & Science, Madanapalle	ME	86.25
4	Dasari Mounika Reddy	Vaagdevi Institute of Tech. & Science- Peddasettipalli, Proddatur	ECE	88.15
5	A.CHARISHMA	S.V. Engg. College for Women, Tirupati	CSE	84.88
6	Kankanampati Bhanu nadhan Chowdary	Srinivasa Institute of Tech. & Management Studies- Chittoor	EIE	82.42
7	Ambairam Muthu Siva Krishna	Madanapalle Institute of Tech. & Science- Madhanapalli	IT	79.92
8	Chenna Reddy Bhavana	Narayana Engg College - Nellore	ECM	78.94
9	Narichetti Swarnamanjari	Siddartha Institute of Science & Tech.-puttur	AE	85.63
10	Debashish Pradhan	JNTUA CEP - Pulivendala	BT	78.73
11	P.Venkata Krishna Reddy	Gokula Krishna College of Pharmacy - Sullurupet	B. Pharm.	86.84

**University Gold Medals for B.Tech. Toppers of JNTUACEA for 2011-15 Batch**

<b>S. No.</b>	<b>Branch</b>	<b>Name of the Student</b>	<b>% of Marks</b>
1	Civil Engineering	L. Krishna Kumari	84.08
2	Electrical and Electronics Engineering	Gonavaram Sai Jayasree	88.28
3	Mechanical Engineering	Netrapalli Madhusudhan Raghunandan	86.37
4	Electronics and Communication Engineering	Jilladakunta Kalpana	85.59
5	Computer Science and Engineering	K. Hemantha	86.75
6	Chemical Engineering	Nalam N V D H A S S L L Susrutha	83.28

**Best Academic Performers among Girls and Boys (2011-15) (ANECAA)**

S.No.	Award	Name of the student	Branch	% of Marks
1	Best Academic Performers among Girls	Gonavaram Sai Jayasree	EEE	88.28
	Best Academic Performers among Boys	Netrapalli Madhusudhan Raghunandan	ME	86.37

**Endowment gold medals (B.Tech.) at the Seventh Convocation**

S.No.	Gold Medal Category	Name of the Student	% of Marks
1	Prof. Tiruvengalam Gold Medal for B.Tech (E.E.E.)	Gonavaram Sai Jayasree	88.28
2	(Late) Challa Subbarayudu Endowment Gold Medal awarded for the best out going Civil student	L. Krishna Kumari	84.08
3	(Late) Challa Subbarayudu Endowment Gold Medal awarded for the best out going student in all branches	Gonavaram Sai Jayasree	88.28
4	(Late) Sri K.Venkateswara Rao Gold Medal awarded for the best out going Civil student	L. Krishna Kumari	84.08
5	(Late) Prof. T. S. Raghavan Endowment Gold Medal awarded for the best out going girl student in all branches	Gonavaram Sai Jayasree	88.28
6.	Prof. T. V. Lakshmana Rao Endowment Gold Medal for B.Tech. (Mechanical )	Netrapalli Madhusudhan Raghunandan	86.37
7	Prof. V. Pandu Rangadu's Endowment Gold Medal for B.Tech. (Mechanical Engineering, awarded to the topper of the subject <b>Thermodynamics</b> )	Netrapalli Madhusudhan Raghunandan	98

**Endowment gold medals (M.Tech.) at the Seventh Convocation (2012-14 batch) of JNTUACEA**

S.No.	Gold Medal Category	Name of the Student	% of Marks
1	Prof. M. S. Naidu memorial Gold Medal for M.Tech. ( <b>Electrical Power Systems</b> )	M. Tejaswani	84.07
2	Prof. S. Tiruvengalam Endowment Gold Medal for M.Tech. ( <b>Reliability Engineering</b> )	S. Divya	89.07
3	Prof. P.N. Damodaram Memorial Endowment Gold Medal for M.Tech ( <b>Structural Engineering</b> )	Veligani Nagavandana Reddy	84.35



## Ph.D.s Awarded

S. No.	Name	Dept.	Title	Supervisor(s), Designation & Address	Date of Award of the Degree
1	K.S. Lakshminarayana	Mech. Engg.	Study, Analysis and Optimization of Integrated Reliability Model for Redundant Systems	Dr. Y. Vijayakumar, Professor & Principal, Sri Bhagawan Mahaveer Jain College of Engineering, Bengaluru.	06.10.2015
2	M. Naresh Chandra Reddy	Chemistry	Development and Validation of High Performance Liquid Chromatography Method for Analysis of Drugs	Prof. K.B. Chandra Sekhar, Professor & Director, OTRI, JTNUA	13.10.2015
3	G. Maruthi,	Physics	Growth and Characterization of Certain Ternary Alkali Halides and Semi-Organic NLO Materials	Dr. R. Chandramani, Professor, Dayananda Sagar College of Engineering Bangalore	19.10.2015
4	Sugali Venkatesulu	ECE	Design and Implementation of an Efficient Electromagnetic Radiation Monitoring System for Different Cellular Networks	Dr. S. Varadarajan, Professor, SVU College of Engineering, Tirupati & Dr. M.N. Giriprasad, Professor, ECE, JNTUA CEA	19.10.2015
5	B. Lalitha	CSE	Efficient Techniques to Reduce Topology Mismatch Problem in Unstructured Peer to Peer Networks	Dr. Ch. D.V. Subba Rao, Professor & Head, College of Engineering, SV University, Tirupati	02.11.2015
6	Nasrullah	Mech. Engg.	Investigation on Use of Micro Emulsion of Ethanol and Diesel, Ethanol and Bio-Diesel	Dr. K. Rajagopal, Professor, Vice - Chancellor of SK University	09.11.2015
7.	P. Srikanth Reddy	Pharmaceutical Sciences	Design and Evaluation of Transdermal Drug Delivery System	Dr. M. Ravi Kumar, Principal, Geethanjali College of Pharmacy, Cheeryal Kesara and Prof. K.N. Jayaveera, Professor of Chemistry (Retd.) JNTUA CEA	09.11.2015
8	Vedavathi Aluri	Physics	Studies in thin Films-Preparation and Characterization of Iron Pyrite Films by Chemical Bath Deposition	Dr. Y. Munikrishna Reddy, Associate Professor, S.S.B.N. Degree & PG College, Ananthapuramu and Dr. K.T. Ramakrishna Reddy, Professor and HOD of Physics, SV University, Tirupati	18.11.2015
9	Abdul Muqsit Khan	CSE	NLP & Intelligent Systems	Dr. K. Chandra Sekharaiah, Professor, School of Information Technology, JNTUH, Kukatpally	18.11.2015
10	Shalaka Dinesh Kadam	Pharmacy	Isolation, Characterization & Pharmacological Screening of Some Indian Medical Plants	Dr. C. Sreedhar, Professor & HOD, Dept. of Pharmaceutical Analysis, Karnataka College of Pharmacy, Bangalore and	19.11.2015

				Prof. K.B. Chandra Sekhar, Professor of Chemistry and Director, OTRI, JNTUA	
11	K. Rajendra Prasad	CSE	Assessment of Clustering Tendency through Data Visualization Methods	Dr. B. Eswara Reddy, Professor	25.11.2015
12	Ch. Pradeep Kumar	Pharmacy	Evaluation of Hepatoprotective and Immunomodulatory Activities in Indian Medicinal Plants	Dr. Y. Narasimha Reddy, Professor, Kakatiya University, Warangal	25.11.2015
13	Shanaz Banu	Pharmacy	Pharmacognostics, Phytochemical and Pharmacological Studies of Some Medicinal Plants	Dr. G. Arunachalam, Principi, PGP College of Pharmaceutical Science and Research and Prof. K.N. Jayaveera, Professor of Chemistry (Retd), JNTUA CEA	26.11.2015
14	B.M. Thippeswamy	CSE	Quality of Service through Optimal Quality of Service through Optimizing Algorithms in Wireless Sensor Networks	Dr. Venugopal K.R, Principal, UVCE, Bangalore	02.12.2015
15	L. Sreekala	Mathematics	On MHD Fluid Flow Problems in Porous Medium	Dr. E. Keshava Reddy, Professor & HOD of Mathematics, JNTUA CEA	02.12.2015
16	M. Geethavani	Pharmacy	Synthesis and Biological Screening of Some New Quinoxaline and Stilbene Derivatives	Dr. J. Ravindra Reddy, Professor & Vice-Principal of RIPER, Ananthapuramu, and Dr. S.V. Satyanarayana, Professor of Chemical Engineering & Director R&D, JNTUA	02.12.2015
17	P. Vijaya Bhaskara Reddy	ME	Modeling and Optimization of Wire Electrical Discharge Machining of Cr-Mo-V Special Alloy Steel Using Neuro-Genetic Approach	Dr. Ch. R. Vikram Kumar, Professor, NBKR Institute of Science and Technology, Vidyanagar and Prof. K. Hemachandra Reddy, Professor of Mechanical Engineering, JNTUA CEA	17.12.2015
18	Jyothi Bellary	Mathematics	On Scalability Issues of Named Entity Recognition by Multi-Class Support Vector Machines	Dr. E. Keshava Reddy, Professor & HOD of Mathematics, JNTUA CEA	17.12.2015
19	P. Nagarjuna Reddy	Chemistry	Synthesis, Characterization, Biological Evaluation and Electro Chemical Behavior of Heterocyclic Compound	Dr. K.L. Ravindranath, SK University, Ananthapuramu and Dr. K. B. Chandra Sekhar, Professor & Director, OTRI JNTUA	17.12.2015
20	Jayam Nagasateesh	Pharmacy	Determination and Validation of Some Selective Drugs by Using Analytical Techniques	Dr. G.V. Subba Reddy, Professor & Vice-Principal, JNTUA College of Engineering, Pulivendula and Prof. K.N. Jayaveera, Professor of Chemistry (Retd), JNTUA	17.12.2015

21	D. Sai Chaitanya Kishore	ME	Experimental Investigation on Machining Parameters in Turning of Al6061-TIC IN-SITU Metal Matrix Composites Fabricated by Flux Assisted Synthesis	Dr. K. Prahlada Rao, Professor & Principal, JNTUA CEA	21.12.2015
22	K. Deepa	EEE	Design, Analysis and Control of DC to DC Quasi Resonant Converters	Dr. M. Vijaya Kumar, Professor & Director of Admissions, JNTUA,	23.12.2015
23	M. Shivaram,	Physics	Low Temperature Synthesis, Characterization, Luminescence, Studies on Undoped and Doped $\text{CaTiO}_3$ Nano Powders	Dr. H. Nagabhushana, Associate Professor, Tumkur	23.12.2015
24	S. Jagadha,	Mathematics	Numerical Study of MHD Heat and Mass Transfer in Darcy-Forchheimer Mixed Convection from a Vertical Flat Plate in a Porous Medium under The Effects of Radiation, Thermophoretic and Chemical Reaction	Dr. N. Kishan, Associate Professor, Dept. of Mathematics, University College of Sciences, Osmania University	23.12.2015
25	T.K. Suresh	Mathematics	On Certain Aspects of Subordination of Analytical Functions	Dr. M.P. Jeyaraman, Assistant Professor, L.N. Government College, Ponneri and Dr. E. Keshava Reddy, Professor & HOD of Mathematics, JNTUA CEA	30.12.2015

### **Seminars / Symposium / Conferences / Work Shops / FDPs Organized**

- Department of EEE, JNTUA CEA organized a Guest lecture on “Recent Trends in Power Electronics and Challenges” by Dr. M.H.Rashid, Professor in Electrical & Computer Engineering, University of Florida, U.S.A. on 11-12-2015.
- Department of ME, JNTUACEP organized a two-day National Level Robotics Workshop Robo-zest – 2k15 on “Wireless touch screen controlled robot” on 9/10/2015 and 10/10/2015.
- CSE Dept., JNTUACEK organized a guest lecture on “BigData& Cloud Computing” by Aasadi Srinivas, Associate Professor in CSE, Sri Vidyanikethan College of Engineering, Tirupati on 05-08-2015.
- Department of ME, JNTUACEP organized a two-day National Level Student Technical Symposium YANTRA-2k15 during 8<sup>th</sup> -9<sup>th</sup> October 2015.



## Workshop on “Indian Constitution- Role of a Citizen” at JNTUA

On the occasion of Constitution Day on 26 November 2015 NSS Cell JNTUA conducted a workshop on “Indian Constitution – Role of a Citizen”. The workshop was inaugurated by Prof. M. M. M. Sarcar, Vice Chancellor of the JNTUA, Prof. K. Prahlada Rao, Principal JNTUACEA presided over the function. Prof. M. L. S. Deva Kumar, NSS Programme Coordinator, JNTUA co-ordinated the workshop. The Keynote Speaker for this program was Dr. N. Ramesh Reddy, Coordinator, District Resource Centre.



## MoUs

- MoU has been signed between National Association of Software and Service Companies (NASSCOM) and JNT University Anantapur and Andhra Pradesh State Skill Development Corporation (APSSDC) for Qualification pack based Training Programs and Assessments for University students from the academic year 2015-16.

## Faculty attended Workshops/Seminars / Conferences / FDPs

S.No.	Name of Faculty	Dept.& College	Workshop/Conferences	Held at	Period From - To
1	Dr. A.P. Siva Kumar & Dr. K. F. Bharthi	CSE, JNTUACEA	Five-Day Masters Training on Data Analytics, NASSCOM in association with APSSDC	CR Rao Institute Hyderabad	07 <sup>th</sup> To 11 <sup>th</sup> Dec 2015
2	Dr. R. Kiranmayi	EEE, JNTUA CEA	International Conference on Emerging Trends in Engineering Applications and Basic Sciences.	Institution of Engineers, Hyderabad	08-11-2015
3	Sri. J. Sreenivasulu	EEE, JNTUA CEA	International conference on Emerging Trends in Engineering and Technology	NIER, Tirupati	13-12-2015
4	Sri. J. Sreenivasulu	EEE, JNTUA CEA	International conference on Emerging Trends in Engineering and Technology	IRAJ, Tirupati	17-12-2015
5	Sri. M. Anka Rao	EEE, JNTUA CEA	2 <sup>nd</sup> International conference on emerging trends in electrical, communication & IT	SRIT Anantapur	19 to 21 Dec. 2015
6	D.Lalitha Kumari	ECE, JNTUA CEA	Two-week workshop on "Wireless Communications Hands-on	NIT Warangal	14 <sup>th</sup> to 23 <sup>rd</sup> Dec, 2015.
7	R.Padma Suvarna	Physics, JNTUACEA	Applications of Accelerators based research	Acharya Nagarjuna University	9 <sup>th</sup> October, 2015
8	Dr. D. R.	ME &	Conference on “Effect of Fuel Injection	International	13 <sup>th</sup> -19 <sup>th</sup>

	Srinivasan	JNTUA CEP	Angle on Combustion and Emissions Characteristics in Taper Can Gas Turbine Combustion Chamber” IMECE2015	Mechanical Engineering Congress & Exposition	November 2015
9	Mr.Y.Rameswara Reddy	ME& JNTUA CEP	TEQIP-II Sponsored training on “Entrepreneurship development” Initiated by SPFU (AP) ESCI, the Institution of Engineers (India)	AU CE, Vizag	16 <sup>th</sup> -18 <sup>th</sup> December 2015
10	Dr. K.Sesha Maheswarama	Chemistry, JNTUACEP	81 <sup>st</sup> Annual meeting of Indian Academy of Science	IISER, Pune.	November 5-8, 2015
11	Dr. K. Thyagarajan	Physics JNTUACEP	International Conference on Nanoscience, Nanotechnology & Advanced Materials (NANOS 2015)	GITAM University, Vizag	14-12-2015 – 17-12-2015
12	M. Sambaiah	H&SS Dept, JNTUA CEP	<i>Caste and Gender: Portrayal of Dalit Persona in Telugu Cinema</i> ’ in an International Conference on Cast(e)ing Gender in Dalit Literature	Savitribai Phule University, Pune	14 & 15 December 2015
13	Dr. K. Aparna,	ECE & JNTUA CEP	Attended a three-day hands-on seminar on smart sensors and systems (S <sub>2</sub> S-N <sub>15</sub> ) “Tunable low-power Mems ring resonator for routing optical signals in optical communication”	AU CE, Visakhapatnam	From 8 <sup>th</sup> to 10 <sup>th</sup> December 2015.
14	P. Nagamallaiiah	ECE & JNTUA CEP	Three-day short term training programme on “TEQIP-II sponsored Faculty Development Program on Intellectual Property Rights (IPR)”	SVU CE, Tirupati	18 <sup>th</sup> – 20 <sup>th</sup> November 2015.
15	Dr. M. Suryanarayana Reddy	Mathematics & JNTUA CEP	“Soret and Dufour Effects on MHD Unsteady Heat and Mass Transfer from a Permeable Stretching Sheet”	S.K. University, ATP	28 <sup>th</sup> to 29 <sup>th</sup> November 2015.
16	Mr. K. Sidda Reddy	Mathematics & JNTUA CEP	“TEQIP II Sponsored Training on Entrepreneurship Development”	AU CE, Vizag	16-18 December 2015.
17	Prof. V. Sankar	EEE, JNTUA CEA	One-day workshop on French Embassy Delegation meeting	Bangalore	1.10.2015
18	Prof. V. Sankar	EEE, JNTUA CEA	One-day workshop on US India Education Foundation	Hyderabad	7.10.2015
19	Prof. V. Sankar	EEE, JNTUA CEA	One-day workshop on UK Science and Innovation Delegation	Secretariat, Hyderabad	12.10.2015



## Publications of Constituent Colleges / Units

S.No.	Authors	Dept. & College	Paper Title	Published in / Issue No./ Vol. No./Year/Month/Pages
<b>Publications in Journals</b>				
1	Gandikota Ramu and B.Eswara Reddy	CSE, JNTUACE A	Secure architecture to manage EHR's in cloud using SSE and ABE", International Journal of Health and Technology	Springer, , ISSN: 2190-7188 (Print) 2190-7196 (Online), pp. 195-205, Volume 5, Issue 3-4, December 2015
2	S.Vasundra,	CSE, JNTUACE A	Attribute Based Encryption and Decryption Technique	International Journal of Computer Applications (0975-8887), Volume 132, No.5 Dec.2015
3	K. Dhanasree & C. Shoba Bindu	CSE, JNTUACE A	Pchrome: An alternative Molap Indexing	Computer Society of India Communications, Volume No.39, Issue No. 7, October 2015
4	J. Sreenivasulu	EEE, JNTUA CEA	Evaluation of transmission wheeling cost using MW, MVAR and MVA Mile-Methodologies.	IJIRSET, October-2015
5	G. Uma Maheswar Dr. P. Ramana Reddy	ECE, JNTUACE A	Unique CBIR- A unified method of retrieving similar images	International Journal of Computer Applications, Vol.121, No.18, Oct-2015, (0975-8887)
6	R.Padma Suvarna	Physics, JNTUACEA	Electrical Properties of PEO-Based Electrolytes	International Journal of Research in Science, Engineering and Technology, Vol. 4, issue 11, Dec 2015
7	R.Padma Suvarna	Physics, JNTUACEA	SYNTHESIS, CHARACTERIZATION AND AC CONDUCTIVITY STUDIES OF Mgo DOPED POLYMER NANO COMPOSITES	International Journal of Research in Science, Engineering and Technology, Vol. 4, Issue 12, December 2015
8	C.Sreeja and G.Prasanthi	ME, JNTUACEA	Experimental Investigations of performance and emission characteristics of a compression ignition engine fuelled with diesel pine oil blends and by adding 2-ethoxy ethyl acetate as an additive	International Journal of Applied Research(IJAR), Vol.1, Issue 12, 2015, pp. 158-164.
9	Yeti Shiva and G.Prasanthi	ME, JNTUACEA	Performance Analysis of Eco-Friendly HC Mixture (R290/R600a) Refrigerant as an Alternative to R-134a in a Vapour Compression Refrigeration System for Sub-cooling using Heat Exchanger at Condenser Outlet and diffuser at Condenser Inlet	International Journal of Innovative Science, Engineering & Technology, (IJSET), Vol:2, Issue 12, December 2015, pp 265-271
10	N.Visali	EEE, JNTUACEP	Power flow Improvement using Static Synchronous Series Compensator(SSSC)	International Journal of Engineering Studies and Technical Approach, 11(01) and November 2015, pp.14-22
11	N.Visali	EEE, JNTUACEP	Improvement of voltage sag using DPFC in distribution system	International Journal of Engineering Studies and Technical Approach, 11(01) and November 2015, pp.
12	V. Ganesh	EEE, JNTUACEP	Design of PMBLDC Motor Pumped By PV System with MPPT for Air Conditioning System	<i>International Journal of Industrial Electronics and Electrical Engineering</i> , 3(10) and Oct 2015, PP.1-5
13	V. Ganesh	EEE, JNTUACEP	Power Flow Optimization in Microgrids with Energy storage	International Journal Of Engineering Sciences & Research Technology, Sep 2015 pp. 499-511
14	B.Narsimha Reddy	EEE, JNTUACEP	Power flow Improvement using Static Synchronous Series Compensator (SSSC)	International Journal of Engineering Studies and Technical Approach, 11(01) and

15	V.Ganesh	EEE, JNTUACEP	Automatic Generation Control of Three Area System using Fractional Order Controllers	November 2015, pp.14-22 WCECS-2015, University of California Berkeley, San Francisco, USA held on 21 <sup>st</sup> to 23 <sup>rd</sup> Oct 2015
16	D.R.Srinivasan	ME& JNTUA CEP	Effect of Fuel Injection Angle on Combustion and Emissions Characteristics in Taper Can Gas Turbine Combustion Chamber	IMECE2015
17	S.J.Saritha Assistant Professor.	CSE & JNTUA CEP	A Grid Computing for Text Mining the Biomedical Documents	Published in IJERMT, Volume 4, issue 11, November 2015, ISSN 2278-9359.
18	S.J.Saritha	CSE & JNTUA CEP	Emerging Statistical Models for the Analysis of Genomic Data	Published in IJARCSSE, volume 5, issue 11, November-2015. ISSN:2277 128X.
19	Samya Banerjee, Akanksha Dixit, K Sesha Maheswaramma	Chemistry, JNTUACE P	Photocytotoxic ternary copper (II) complexes of histamine Schiff base and pyridyl ligands	Journal of Chemical Sciences, Indian Academy of Sciences 2015.
20	M Lakshmi, K Vijaya Kumar & K.Thyagarajan	Physics, JNTUACE P	An investigation of structural and magnetic properties of Cr-Zn ferrite nanoparticles prepared by a sol-gel process	Journal of Nanostructure in Chemistry, DOI 10.1007/s40097-015-0168-8, October 2015.
21	S. Chandra Mohan Reddy	ECE & JNTUA CEP	Development of Industrial Intrusion Detection and Monitoring Using Internet of Things	International Journal of Technology Research and Applications, Special Issue, pp. 84-89
22	Dr. S.Chandra Mohan Reddy	ECE & JNTUA CEP	Implementation of High Efficient Compression Method For Fingerprint Images	International Journal of Electrical Electronics Engineering & Telecommunications Vol. 4, No. 4, pp. 7-14, October, 2015.
23	Dr. S.Chandra Mohan Reddy	ECE & JNTUA CEP	A Novel Method for Compressing Encrypted Images Using Auxiliary Information,” organized by IAENG, at University of California at Berkeley.	21-23 October 2015.
24	Dr. S.Chandra Mohan Reddy	ECE & JNTUA CEP	“Development of IoT based Vehicular Pollution Monitoring System” in 2015 IEEE International Conference on Green Computing and Internet of Things (ICGCIoT-2015) ) at Greater Noida, India	8 <sup>th</sup> & 10 <sup>th</sup> October 2015.
25	Dr. S.Chandra Mohan Reddy	ECE & JNTUA CEP	“Development of Industrial Intrusion Detection and Monitoring Using Internet of Things,” in 2 <sup>nd</sup> International Conference on Engineering Confluence (ICEC) (equinox 2015) at Navi Mumbai	30 <sup>th</sup> September 2015.
26	Dr. K. Aruna	JNTUA CEP	MEMS & NEMS, IIT, Hyderabad.	14 <sup>th</sup> to 18 <sup>th</sup> December, 2015.

#### Publications in Conferences

S. No.	Authors	Dept., College	Conference	Title of the paper	Held at	Period
1	Akella Amarendra Babu, Ramadevi Yellasiri and A. Ananda Rao,	CSE & JNTUA CEA	IEEE proceedings of SAI Intelligent Systems Conference	Unsupervised adaptation of ASR systems - An application of dynamic programming in machine learning	London, UK	November 10-11, 2015, 244-253
2	Mohammed Ismail.B, S.Mahaboob Basha and B.Eswara Reddy	CSE & JNTUA CEA	IEEE International Conference on Computer Graphics, Vision and Information Security	Improved Fractal Image Compression Using Range Block Size	KIIT University Bhubaneswar, Odisha, India	November 02-03, 2015.

3	S.Vasundra	CSE & JNTUA CEA	IEEE 2 <sup>nd</sup> International Conference on Emerging Trends in Electrical, Communication and Information Technologies(ICECIT-2015)	Blind Spectrum Sensing Techniques In Cognitive Radio-Survey	SRIT, Anantapur	19-21 December , 2015
4	K. Dhanasree & C. ShobaBindu	CSE & JNTUACEA	IEEE International Conference on Computational Intelligence and Computing Research	SPS: Distributed View Indexing	Vickram College of Engg , Madurai	10-12 December 2015
5	E. Poornima KasiViswanath & C. ShobaBindu	CSE & JNTUACEA	Conference on Power, Control, Communication and Computational Technologies for Sustainable Growth (PCCCTSG)	Secure Data Sharing for Multiple Dynamic Groups in Cloud	G. Pulla Reddy Engineering College, Kurnool	11-12 December 2015
6	Mr. Venkatesh Naik & K. Madhavi	CSE & JNTUACEA	IEEE International Conference on Applied and Theoretical Computing and Communication Technology (ICATCCT- 2015)	Cloud Computing Architecture for collaborative E- learning systems.	Bapuji Institute of Engineering and Technology, Davangere, Karnataka, India.	29-31 October 2015
7	K.Kodanda Pani, S.Aruna Mastani,	ECE, JNTUACEA	International Conference on Emerging Trends in Engineering Research	Video enhancement for intra and inter frame quality of a video		13 <sup>th</sup> October
8	K.Praveen Kumar, S.Aruna Mastani	ECE, JNTUACEA	11th International conference on instrumentation, Electrical and Electronics Engineering,	Implementation of High performance 64-bit MAC for DSP		25 <sup>th</sup> October, 2015
9	S.Aruna Mastani, K.Kusuma	ECE, JNTUACEA	13th International conference on cloud computing computer science and advances in information technology,	Hybrid Vs Memory-To-Memory communication in Multi-Core Processor		13 <sup>th</sup> December 2015
10	M. Silpasree, V. Phani Kumar, V. Sankar	EEE, JNTUA CEA	IEEE International Conference on Power, Control, Communication and Computational Technologies for Sustainable Growth (PCCCTSG)	Quantification of Reliability and Failure Analysis of a Presenter in an ATM Dispenser	GPREC, Kurnool	11 <sup>th</sup> & 12 <sup>th</sup> Dec. 2015
11	M. Bhaskar, K .V. B. V. Rayudu, V. Sankar	EEE, JNTUA CEA	International Conference on Advances in Engineering & Management (ICASEM-2015)	Reliability Analysis of Missile components by Using Monte Carlo Simulation	Sri Vasavi Engineering College, Pedatadepalli, Tadepalligudem, West Godavari District- AP	4th & 5th December 2015.



## NSS Activities

### VANAMAHOTSAVAM at JNTUA

On 2<sup>nd</sup> October 2015, on the occasion of Gandhi Jayanthi, **NSS Cell JNTUA** conducted **Swachhaa Bharath & Vanamahotsavam** at JNTUA. **Prof.H. Sudarsana Rao**, Vice Chancellor i/c, JNTUA and **Prof. S.Krishnaiah**, Registrar, JNTUA and **Prof. K. Prahlada Rao**, Principal of the JNTUACEA and **Prof.M.L.S. Deva Kumar**, NSS coordinator of the JNTUA, **Radhika Varma**, Forest Range Officer attended the program. All the NSS Volunteers attended this program. The Guests Prof. S.V.Satyanarayana, Prof. M.VijayaKumar, Prof.D.SubbaRao, Prof.C.Sasidhar, Dr.Anitha etc., planted samplings and initiated the plantation programme at New Examination Block, JNTUA Campus and all the NSS Volunteers also planted around 900 trees and made this program a huge success.



### SWACHHA BHARATH AT JNTUA

On October 2nd 2015, on the occasion of *Gandhi Jayanthi*, **NSS Units of JNTUACEA** conducted **SWACHHA BHARATH** at Chemical Engineering Department JNTUA. **Prof.H. Sudarsana Rao**, Vice Chancellor i/c of the JNTUA and, **Prof. S.Krishnaiah**, Registrar of JNTUA and **Prof. K. Prahlada Rao**, Principal of JNTUA and **Prof.M.L.S. Deva Kumar**, NSS coordinator of JNTUA attended the program. All the NSS Volunteers attended this program. Programme Officers Lt. S.Sharada & Dr.Dileep Kumar co-ordinated the event. The Guests Vice Chancellor i/c, Registrar, Principal explained about importance of *Swachha Bharath* and initiated this Program and NSS volunteers conducted clean and green program.





## Other Activities

### National Unity day at JNTUA

On 31st October 2015, NSS Cell, JNTUA conducted Rastriya Ekta Diwas (National Unity day). Prof. A.AnandaRao, Registrar i/c paid tributes to Sardar VallabhBhai Patel. He administered the 'Ekta Shapad' (Unity Pledge) by all the Staff and Volunteers and inaugurated Unity rally taken up by NSS volunteers. Prof. V.Sankar DFAAM, Prof. S.V.Satyanarayana D R&D, Prof. B.DurgaPrasad HMED, Dr.T.Narayana Reddy PRO, Prof. M.L.S.Deva Kumar NSS Programme Coordinator, Dr.B.Chandra Mohana Reddy NSS PO of Management Dept, Teaching Faculty and Non Teaching staff participated in the rally. On this day, rally was also conducted by the NSS volunteers of JNTUA.



### Dr. A.P.J ABDUL KALAM's Birthday Celebrations at JNTUA

On 15<sup>th</sup> October 2015, NSS cell JNTUA Celebrated Dr.A.P.J ABDUL KALAM's Birthday Celebrations at JNTUA. On that day Prof.H. Sudarsana Rao, Vice Chancellor i/c and Prof. S.Krishnaiah, Registrar JNTUA and Prof. K. Prahlada Rao, Principal JNTUA and Prof.M.L.S. Deva Kumar, NSS coordinator of the JNTUA attended the program. On this occasion University Level poetry competition was conducted on 'Bharath Rathna Dr. A.P.J.Abdul Kalam'.



### JNTUA NSS Volunteers at Pre-Republic Day Camp at Nagpur

Three NSS Volunteers of JNTUA viz., Ms.P.Lavanya, SVCET, Chittoor., Mr.V.L.Prasanth, JNTUA College of Engineering, Anantapur., Mr.K.Chandramohan, JNTUA College of Engineering, Anantapur were selected and participated at West Zone NSS Pre-Republic Day Parade Camp – 2015 held at R.T.M.Nagpur University, Sports Ground, Amravati Road, Nagpur, Maharastra from 08-10-2015 to 17-10-2015

### MASS PLANTATION PROGRAMME

As part of 'Anantha lo Laksha Chetlu' programme conducted in Anantapur Municipal Corporation, On 13<sup>th</sup> October, 2016 Mass Plantation Programme was conducted along the College North Compound Wall behind the APSDCL substation. Prof.H.Sudarsana Rao Vice Chancellor i/c, Prof. S.Krishnaiah Registrar, Prof. K.Prahlada Rao Principal, Dr.K.Ramanaidu Director of Evaluation, Dr.B.DurgaPrasad HMED, Prof. M.L.S.Deva Kumar, NSS Co-ordinator, Sri. Dileep Kumar NSS PO, Dr.B.Chandra Mohana Reddy NSS PO etc., participated in the programme.

### Workshops Organized:

- Department of CSE, Ravindra College of Engineering for Women, Kurnool organized a Two-day National Level Technical Workshop on “Android Application Development” during 26<sup>th</sup>, 27<sup>th</sup> August, 2015. The resource person was Mr. Mithilesh Pandey from Geeks Lab Technologies, New Delhi.
- Department of CSE, Ravindra College of Engineering for Women, Kurnool organized a One-Day National Level Technical Faculty Development Program on “Big-data and Data Analytics” on October 11, 2015. The resource person was Prof. R.B.V. Subramanyam, Professor of CSE Dept., NIT, Warangal.
- Department of ECE, Ravindra College of Engineering for Women, Kurnool organized a Two-day National Level Technical Workshop on “Mobile Robotics” during 15<sup>th</sup>, 16<sup>th</sup> October, 2015. The resource person was Mr. Raju, Senior Engineer, Roboversity-Skyfi Labs, Bangalore.
- Department of EEE, Ravindra College of Engineering for Women, Kurnool organized A Two-Day National Level workshop on “POWER SYSTEM SIMULATION TOOLS-MIPOWER SOFTWARE” during 28<sup>th</sup> and 29<sup>th</sup> Oct. 2015 in association with PRDC Pvt. Ltd. & ZONTA academy Pvt. Ltd.
- Department of CSE, S.V.Engineering College for Women, Tirupati organized a Two-Day Workshop on “Open Source Software” during 6<sup>th</sup>, 7<sup>th</sup> Oct. 2015.
- Department of CSE, S.V.Engineering College for Women, Tirupati organized a Seminar on “Health Awareness” on 26<sup>th</sup> Nov. 2015.
- Department of CSE, S.V.Engineering College for Women, Tirupati organized a One-Day Workshop on “SPOKEN TUTORIAL PROJECT ON LINUX” on 12<sup>th</sup> Oct. 2015.
- Department of CSE, S.V.Engineering College for Women, Tirupati organized a One-Day Workshop on “SPOKEN TUTORIAL PROJECT ON C++” on 28<sup>th</sup> Oct. 2015.
- Department of ECE, S.V.Engineering College for Women, Tirupati organized a Two-Day Workshop on “Electronics specification in industry & PCB design” on 17<sup>th</sup> & 18<sup>th</sup> Oct. 2015.
- Department of ECE, S.V.Engineering College for Women, Tirupati organized a One-Day Workshop on “Embedded Systems & design” on 19<sup>th</sup> Dec. 2015.
- Department of M.B.A., GLOBAL College of Engineering & Technology, Kadapa organized a two-day Expert Lecture series titled “Investment & Portfolio Management”, during Nov. 3-4, 2015. The Resource person was Dr. Sabitha Srinivas, Associate Professor & Head, MBA Department, Anurag Group of Institutions, Ghatkesar, Hyderabad.
- Department of E.C.E., GLOBAL College of Engineering & Technology, Kadapa organized one-day Expert Lecture on “Computer Networks” on 10<sup>th</sup> Oct. 2015. The Resource person was Dr. C.ShobaBindu, Assoc. Professor & Ex-Head, CSE Department, JNTUA, Anantapuramu.
- By the directions of District Collector, Kadapa, the CSE Department, Global College of Engineering & Technology, Kadapa (GCET) successfully organized a Two-day workshop on “Digital Literacy” at the CP Lab of GCET during Nov.3-4, 2015.
- G.Pullaiah college of Engineering & Technology, Kurnool, organized a One-day Seminar On “Quality Practices In Technical Education –Challenges” on 29<sup>th</sup> December 2015. Sri E.S. Chakravarthy, Centre Head, TCS, Bangalore, Dr.K.Hemachandra Reddy, Professor ME, JNTUA, Anantapur, Dr T. Kishenkumar Reddy, Chairman –ISTE – TS, Prof. D.N.Reddy, Ex Chairman, ISTE-TS were the resource persons of the event.
- Department of ECE, G.Pullaiah College of Engineering and Technology conducted a Two-Day FDP on “Design and Simulation of antennas and microwave devices using HFSS tool” under ISTE faculty chapter on 5-6 Dec, 2015. Dr.N.V.S.N.Sarma, Professor, NIT Warangal was the Chief Guest.
- Department of Computer Science and Engineering, G.Pullaiah College of Engineering and Technology organized a one-day national level workshop on “ETHICAL HACKING” in association with CSI & IEEE student chapter on 9-10-2015. The Resource person of the event is Dr. S.Prem Kumar, HOD CSE, GPCET, Kurnool.
- Department of ECE, G.Pullaiah College of Engineering and Technology organized a one-week FDP on “Teaching and Learning of English for Communication Skills” under ISTE faculty chapter from 30<sup>th</sup> Nov to 5<sup>th</sup> Dec, 2015. Mr.S.Sashi Kumar, Professor, H&S Department was the resource person of the event.
- Department of Computer Science and Engineering, G.Pullaiah College of Engineering and Technology conducted a Two-day faculty development program, “Microsoft .Net framework for project development Environment” under ISTE faculty chapter on 19<sup>th</sup> and 20<sup>th</sup> December 2015. The Resource person of the event was Mr. P. Prasanna, Senior Software Engineer.

- The Department of Civil Engineering had organized a one-day faculty interaction program under ISTE Faculty chapter on 15-12-2015. The Resource person was Sri K Pratap Reddy, Managing Director, Continental Designers & Consulting Engineers & Architects, Hyderabad.
- Department of CSE, GPREC, Kurnool organized a one-day workshop on “Cloud, Big Data and IoT” on 12<sup>th</sup> December 2015. Professor Raj Kumar Buyya, University of Melbourne, Australia, was the Chief Guest at the inaugural function.
- IEEE Branch of GPREC, Kurnool in association with IEEE Hyderabad Section organized a two-day International conference during 11 - 12<sup>th</sup> December 2015. Dr. Muhammad H. Rashid, Professor, University of West florida, USA and Dr. B.K. Bose Professor, University of Tennessee, USA were the Key note speakers.
- Department of EEE, GPREC, Kurnool organized a One-Day workshop on “Awareness of Spoken Tutorial Project” on 14<sup>th</sup> October 2015. Prof. V. Sankar, Director, Foreign Affairs & Alumni Matters, JNTUA, Ananthapuramu was the Chief Guest at the Inaugural Function
- Department of ME, GPREC organized a two-day National Level workshop “Development and analysis of composite materials”, during 9 - 10<sup>th</sup> October 2015. Dr. Varadarajulu, (Retd.) Professor, SK University, Ananthapuramu, was the Chief Guest at the Inaugural Function.
- S.V. College of Engineering, Tirupati Department of Computer Science and Engineering conducted a Two-Day Workshop on “Open Source Software” on 6<sup>th</sup> & 7<sup>th</sup> Oct. 2015.
- S.V. College of Engineering, Tirupati Department of Computer Science and Engineering conducted a One-Day Workshop on “SPOKEN TUTORIAL PROJECT ON LINUX” on 12<sup>th</sup> Oct. 2015.
- S.V. College of Engineering, Tirupati Department of Computer Science and Engineering conducted a One-Day Workshop on “SPOKEN TUTORIAL PROJECT ON C++” on 28<sup>th</sup> Oct. 2015.
- S.V. College of Engineering, Department of ECE conducted a Two-Day Workshop on “Electronics specification in industry & PCB design” on 17<sup>th</sup> & 18<sup>th</sup> Oct. 2015.
- S.V. College of Engineering, Tirupati Department of ECE conducted a One-day Workshop on “Embedded Systems & design” 19<sup>th</sup> Dec. 2015.
- S.V. College of Engineering, Tirupati Department of EEE conducted a Technical seminar on “GATE Orientation Program” on 13<sup>th</sup> Oct. 2015. Mr. M.V. Raja Rao Sastri, IIT, Madras and regular faculty for MADE EASY, Hyderabad was the resource person.
- S.V. College of Engineering, Tirupati Department of EEE conducted a Technical workshop on “Career Opportunities & Awareness on Electrical Manufacturing Industries” 6<sup>th</sup> Oct. 2015. Mrs. V. Lakshmi Devi was the resource person having 8 years of experience working in SVCE, Tirupati.
- S.V. College of Engineering, Tirupati Department of Mechanical Engineering conducted a Technical Seminar on “GATE Orientation Programme and Career Opportunities” -13<sup>th</sup> OCTOBER 2015. Mr. M.V. Rajarao Sastri, IIT Madras, Ex-IES, Faculty of MADE EASY, and NEW DELHI was the resource person.
- S.V. College of Engineering, Department of Mechanical Engineering conducted a Technical Seminar on “INDUSTRIAL ROBOTICS” on 13<sup>th</sup> Oct. 2015
- Department of CSE, MITS organized a Two-Day Workshop on "Wave Maker Platform" on 20<sup>th</sup> & 21<sup>st</sup> November 2015.
- Entrepreneurship Development Cell, MITS organized a Two-Day Work Shop on “Entrepreneurship Development” on 3<sup>rd</sup> – 4<sup>th</sup> November 2015. Sri M.V. Somasekhar, Chief Manager, National Small Industries Corporation, Hyderabad was the Resource Person.
- Department of MCA, MITS organized a Graduates’ Meet CRESCENDO on 12<sup>th</sup> December 2015.
- Department of MCA, MITS organized a Workshop “ENRICH” on 30<sup>th</sup> December 2015.
- Dept. of Mathematics, MITS, Madanapalle celebrated “National Mathematics Day” on 22<sup>nd</sup> Dec., 2015 on the eve of 128<sup>th</sup> birthday of Srinivasa Ramanujan.
- Dept. of Mechanical Engg, MITS Madanapalle organized a Three-Day Program “CATIA V5 Essentials in Mechanical Engineering” in association with EDS Technologies, Bangalore during 28<sup>th</sup> – 30<sup>th</sup> December 2015
- Department of Management studies, Siddharth Institute of Engineering & Technology, Puttur organized a Workshop on “Goal setting-Role of meditation” by Pullaiah Guruji, Yoga Guru, on 01/10/2015.
- Department of Mechanical Engineering, Siddharth Institute of Engineering & Technology, Puttur organized a “Robotics Workshop” during 7<sup>th</sup> & 8<sup>th</sup> October, 2015.
- Department of MCA, Siddharth Institute of Engineering & Technology, Puttur organized a Workshop by “IBM Mainframe Technologies” on 17<sup>th</sup> Oct 2015.



## Guest Lectures

- Department of CSE, RCEW, Kurnool organized a guest lecture “Internet of Things”- Dr.R.Venkatesh, Tech Lead, IOT Solutions, Chennai on 9<sup>th</sup> to 18<sup>th</sup> Oct. 2015.
- Department of Mathematics, MITS, Madanapalle organized a guest lecture on “Differential Equations and its Applications” on 25<sup>th</sup> August 2015, delivered by Prof. S. Sreenivas, VIT, University, Vellore, TN.
- Department of E.E.E, MITS organized a guest lecture on “Best Practices in Installation of Solar Water Pumping Systems & Performance Monitoring” on 16 Dec.2015, delivered by Sri K. VidyaSagar Reddy, Chairman, E.C.M. & Former CMD, A.P.S.P.D.C.L. and Sri M. Devendranath Reddy, Convener, E.C.M. & Retd. S.E., A.P.S.P.D.C.L.
- Guest Lecture on “Data Base Management in Real Time Environment” by D.Madhusudhan, Alumni of MITS, Madanapalle on 7<sup>th</sup> November 2015, II B.Tech CSE (A & B) students actively took part in the event.
- Department of Management studies, Siddharth Institute of Engineering & Technology, Puttur organized a Guest lecture on “National and International Financial Environment” by Dr.I.Lokanandha Reddy, Chairman Wings Business School on 6<sup>th</sup> Nov. 2015.
- Department of Management Studies, Siddharth Institute of Engineering & Technology, Puttur organized a Guest lecture on “Motivation-Real time experiences” by Dr.KVV. Raaju, Professor, Department of MBA, MITS, Madanapalle on 16<sup>th</sup> Oct. 2015.
- Department of Civil Engineering, Siddharth Institute of Engineering & Technology, Puttur organized a Guest lecture on “Opportunities in Construction & Infrastructures in India” by Dr. K.N. Satyanarayana, IIT, Madras on 7<sup>th</sup> October, 2015.
- Department of Mechanical Engineering, Siddharth Institute of Engineering & Technology, Puttur organized a Guest Lecture on “Innovations in Materials and Manufacturing” on 9<sup>th</sup> Oct. 2015 by Dr. M. Nageswara Rao, Professor, VIT University, Vellore
- Department of EEE, Siddharth Institute of Engineering & Technology, Puttur organized a Guest Lecture on “Operation and Maintenance of Substation” by Mr. S.V. Mahesh Babu, ADE, APTRANSCO, Chittoor on 14<sup>th</sup> October, 2015.
- Department of ECE, Siddharth Institute of Engineering & Technology, Puttur organized a Guest Lecture on “Embedded Systems” by Mr. Bhagyaraja, Senior Engineering, M/S. Josmin Infosys (P) Limited, Chennai on 15<sup>th</sup> October, 2015.

## Workshops/Conferences /FDPs/ Attended

S. No.	Name of Faculty	Dept. , College	Workshop/Conferences	Held at	Period From - To
1	Dr. V. Suresh Babu	H&S, RCEW	Recent Trends And Challenges In Mathematical Sciences	S. K. University, Anantapuramu	28 <sup>th</sup> & 29 <sup>th</sup> Nov. 2015
2	C. Madhu	ECE,SVEC W	Workshop on “MATLAB Application to Engineering Problems”	AITs, Rajampet	27 <sup>th</sup> & 28 <sup>th</sup> Nov. 2015
3	B. Naresh Babu	ECE,SVEW	Workshop on “A Two Day FDP on Design & Simulation of Antennas & Microwave Devices Using HFSS Tool by ISTE Faculty”	GPCET	5 <sup>th</sup> , 6 <sup>th</sup> Dec. 2015
4	A. Anusha	CHEMISTR Y,SVEW	Conference on Recent Advances in Biosciences and Applications of Engineering in the production of Bio-pharmaceuticals	K. L. University, Vijayawada	14 <sup>th</sup> – 16 <sup>th</sup> Dec. 2015
5	P.A. Ashoka Vardhini & P. Raghavendra	CSE & GCET, Kadapa	Workshop on “Panel of Conference Organizers”	AIST, Rajampet	30 <sup>th</sup> Dec. 2015
6	S. Yakhoob Ali, P.Raghavendra, P.A.Ashoka Vardhini, S.Nasreen Begum, I.Kavitha Jackleen & G.Vara Prasad	CSE & GCET, Kadapa	One day FDP on “IBM Cloud Bluemix Enablement Session”	VITS, Produtur	29 <sup>th</sup> Dec. 2015



7	G.V. Nagamani	ME & GCET	3 <sup>rd</sup> National Conference on Innovations in Mechanical Engineering”	MITs, Madanapalle	23 <sup>rd</sup> to 25 <sup>th</sup> Dec. 2015
8	T. Tirupal	ECE , GPCET	“Soft Computing & Optimization” under TEQIP	G.H.Raisoni College of Engineering, Nagpur	1 <sup>st</sup> to 5 <sup>th</sup> Oct. 2015
9	Dr. K. Mallikarjuna A. Sreekanth	ME & GPCET	Design of Experiment-Research Orientation	AIST, Tirupathi.	1 <sup>st</sup> and 2 <sup>nd</sup> Dec. 2015
10	Dr. K. Mallikarjuna, Dr. S. Venkateswarlu, Dr.C.Srinivasa Rao, S. Afzal Basha, D.RajaSekhar & Dr. S. Premkumar	GPCET	IEEE - A One day workshop on Outcome based Education	GPREC, Kurnool AP India.	10 <sup>th</sup> Dec. 2015
11	S.N. Vamsinath Reddy & R. Sheeba Rani	EEE & GPCET	IEEE – A One-day workshop on Renewable Energy Sources & Smart Grid	GPREC, Kurnool AP India.	11 <sup>th</sup> Dec. 2015
12	Dr N Kasiviswanath and Dr S Zahoor-ul-hug	CSE & GPREC	Python Programming	IIT Bombay	14 <sup>th</sup> – 16 <sup>th</sup> Dec. 2015
13	Sri R. Sudheer Babu, Sri G. Amjad Khan	ECE, GPREC.	Real Time & FPGA Training	NI, Bangalore	12 <sup>th</sup> -16 <sup>th</sup> October-2015
15	Dr Y Rajasekhara Gowd, Dr. M Siva sankar Reddy, Dr. V Raghavendra Prasad, Sri G Venkatarami Reddy	BE & GPREC	Recent Trends and Challenges In Mathematical Sciences	S K University Ananthapuramu	28 <sup>th</sup> -29 <sup>th</sup> Nov. 2015
16	Dr. S. Nagaraja Rao	ECE, GPREC.	A Two-day workshop on ”NBA Accreditation”	MITs, Madanapalle	9 <sup>th</sup> -10 <sup>th</sup> October, 2015
17	Dr P Abdul Khayum	ECE, GPREC.	One-day seminar on Quality Practices in Technical Education- Challenges	G Pullaiah Engg. College, Kurnool	29 <sup>th</sup> Dec 2015
18	W Yasmeen, G Divyapraneetha	ECE, GPREC.	UGC Sponsored National seminar on Recent Trends and Developments in communication technology	S K U, Ananthapuramu.	27 <sup>th</sup> -28 <sup>th</sup> Nov 2015
19	Dr. S. Radhakrishna	CE, GPREC	Three-week Winter School Professional Development Programme on “Geospatial Technologies and Engineering Research	GITAM University, Vishakapatnam	19 <sup>th</sup> Dec.2015 to 8 <sup>th</sup> Jan.2016.
20	Dr. R. Meenakshi Reddy	ME, GPREC.	One-day seminar on Quality Practices in Technical Education- Challenges	G Pullaiah Engg College, Kurnool	29 <sup>th</sup> Dec 2015
21	P.Suresh Babu, S.Yoganand & E. Anant Shankar	ECE,SVCE	Workshop on “MATLAB Application to Engineering Problems”	AITs	27 <sup>th</sup> & 28 <sup>th</sup> Nov. 2015
22	K. M. YagnaTeja	ECE,SVCE	Workshop on “A Two-Day FDP on Design & Simulation of antennas & Microwave Devices Using HFSS Tool by ISTE Faculty”	GPCET	5 <sup>th</sup> & 6 <sup>st</sup> Dec. 2015

23	V. Mounika Reddy & NP. Dharani	ECE,SVCE	Workshop on “Train the Trainer – Quantitative Aptitude”	SVCE	28 <sup>th</sup> to 31 <sup>st</sup> Dec. 2015
24	V.Lakshmi Devi	EEE,SVCE	Conference on A hybrid BAT search Approach for security constraint Unit Commitment for 3-unit System	RL JIT, Bangalore	17 <sup>th</sup> to 18 <sup>th</sup> Dec. 2015
25	T.Madhuranthak a, P.Suresh, K.Jyotheeswar Reddy, MCV Suresh	EEE,SVCE	Workshop on Power System Simulation	Narayana Engg. College,Nellore	5 <sup>th</sup> Dec. 2015
26	Dr. M. Chandra Sekhara Reddy	ME,SVCE	Conference on 23rd National Heat and Mass Transfer Conference & 1st International ISHMT-ASTFE Heat and Mass Transfer	ISRO	7 <sup>th</sup> to 10 <sup>th</sup> Dec. 2015
27	Dr. S Mahaboob Jilani Dr. N. Manohar Reddy	PHYSICS, SVCE	Workshop on International Workshop on Physics of Semiconductor Devices (IWPSD-2015)	IISc Bangalore	7 <sup>th</sup> to 10 <sup>th</sup> Dec. 2015
28	Dr. V. Madhu Mohan Dr. N. Manohar Reddy	PHYSICS, SVCE	Workshop on International Workshop on Physics of Semiconductor Devices (IWPSD-2015)	IIScBangalore	7 <sup>th</sup> to 10 <sup>th</sup> Dec. 2015
29	D. V. SaiSireesha	CHEMISTR Y,SVCE	Conference on Recent Advances in Biosciences and Applications of Engineering in the production of Bio-Pharmaceuticals	K. L. University, Vijayawada	14 <sup>th</sup> to 16 <sup>th</sup> Dec. 2015
30	M.V. Jagannath Reddy	CSE,MITS	Management capacity enhancement programme	IIM Indore	16 <sup>th</sup> – 22 <sup>nd</sup> Nov. 2015
31	Y.C.A Padmanabha Reddy & D. Kasiviswanath	CSE,MITS	APSDC-NASSCOM (Data Analytics & Cyber Security)	CR Rao Institute, Hyderabad	7 <sup>th</sup> - 11 <sup>th</sup> Dec.2015
32	Dr. G. Hari Krishnan	ECE Dept., MITS, Madanapalle	Conference on Heart Rate Extraction from Electrical Bio-impedance Signal	IIT, Madras	Dec 2015
33	G. Subba Rao and G. Rajiv	ECE Dept., MITS, Madanapalle	Workshop on MEMS & NEMS Design & Fabrication	IIT, Hyderabad	14 <sup>th</sup> -18 <sup>th</sup> Dec. 2015
34	P. Sravan Kumar, B. Vamsi Krishna and G. Sambasiva Rao	ECE Dept., MITS, Madanapalle	Workshop on Wave Maker-Platform	MITS, Madanapalle	20th Nov. 2015
35	P. Sree Brahmanandam	Physics Dept., MITS	Workshop on International Reference Ionosphere 2015 (IRI 2015)	King Mongkut’s Institute of Tech Ladkrabang (KMILT), Bangkok, Thailand	9 <sup>th</sup> – 13th Nov. 2015
36	Mr. A. R. V. Siva Krishna	Physics Dept.,MITS	Workshop on Modelling, Simulation and Characterization of Nano-Transistors	IIT-Kanpur	26 <sup>th</sup> – 30 <sup>th</sup> Oct. 2015
37	Dr. S. Victor Vedanayakam	Physics Dept.,MITS	Workshop on Management Capacity Enhancement Programme (MCEP)	IIM Tiruchirapalli	12 <sup>th</sup> – 16 <sup>th</sup> Oct. 2015
38	Dr.S.Kishore & G.Venkatwarlu	MBA & SIET, Puttur	Workshop on Entrepreneurship Development sponsored by Rajiv Gandhi National Institute of Youth Development	Govt. Degree & P.G college, Puttur	14 <sup>th</sup> -18 <sup>th</sup> Oct. 2015

## Publications of Affiliated Colleges

S. No.	Authors	Dept. & College	Paper Title	Published in / Issue No./ Vol. No./Year/Month/Pages
<b>Publications in Journals</b>				
1	K Sathish Babu	RCEW, KNL	Multi Objective Evolutionary Optimization of Process Parameters In Tunring Annealed Beryllium Copper Alloy	Elixir International Journal of Mechanical Engineering, Volume-89, Issue No: 1, Pages: 51-58, 2015.
2	K Sathish Babu	RCEW, KNL	Optimization of Cutting Force and Tool Temperature Using Ann Based Multi Objective Genetic Algorithms In Turning Heat Treated Beryllium Copper Alloy	International Journal of Mechanical and Production Engineering Research and Development, Trans stellar Publications, Volume-6, No.1, Issue No: 1, Pages:11-22.
3	K Sathish Babu	RCEW, KNL	Mathematical Modelling and Optimization of Turning Process Parameters Using Response Surface Methodology	International Journal of Applied science and Engineering, Volume-6, No.1, Issue No: 1, Pages: 55-68.
4	B.V. Ramireddy	RCEW, KNL	Fuzzy Logic and PSO Based Hybrid Technique Formulation For Optimal Placement and Sizing Of Interline Power Flow Controller	Acta Electrotechnica et Informatica, Vol. 15, Issue No.1, Page No: 50-60, 2015, ISSN NO: 1335-8243
5	B. Aruna Bala	RCEW, KNL	High Speed Error Detection and Data Recovery Architecture for Video Testing Applications	IJARECE, Vol. 3, Issue No: 9, Page No's: 1219-1229, 2015, ISSN: 2278-909X
6	G. Sivaiah, T. Kishore, K. Vijay Kumar	RCEW, KNL	Impact of Hybrid Pass Pass-Transistor Logic (Hptl) On Power, Delayand Area in VLSI Design	IJMER, Vol.: 4, Issue No: 6, Pages: 1 to 6, 2015, ISSN No: 2249-6645
7	K. Abdul Munaf, K.V. Siva Reddy, M.V.Ramana Reddy	RCEW, KNL	Hardware Sharing Design For Programmable Memory Built-In Self Test	IJERD, Vol. 10, Issue 6, Page: 77-83, 2015
8	K. Abdul Munaf, K.V. Siva Reddy, M.V.Ramana Reddy	RCEW, KNL	Power Point Presentation Tool Control Using RF	IJERD, Vol. 10, Issue 6, Page: 72-76, 2015
9	S Divya, A Sumalatha	RCEW, KNL	Simulation of Z Source DVR For Enhancement Of Power Quality	GJTE, Vol. 2, Issue No: 3 2015
10	V. Suresh Babu	RCEW, KNL	Study Of Hydromagnetic Convective Heat And Mass Transfer Flow Of A Visco-Elastic Chemically Reacting Fluid With Radiation Absorption And Soreteffect	International Journal of Advanced Information Science and Technology (IJAIST), Vol. 40, Pages: 234-246, 2015.
11	P.Ragha Vardhini	RCEW, KNL	Pattern Finding In Large Databases With Bigdata Analytics Mechanisms	IJCERT, Vol. 2, Issue No: 5, Pages: 359-364, 2015
12	G.Fayaz Hussain, S.Vinod Kumar	RCEW, KNL	Cloud Data Protection For Secure and Dependable Storage Services	IJARCSSE, Vol. 5, Issue No: 5, May, 2015
13	B.Ravi	RCEW, KNL	Statistical Models For Pos Tagging In Telugu	IJSIMR, Vol. 3, Issue No: 1, May 2015
14	B.Ravi	RCEW, KNL	Security Providing When Disclosing Information by Using K-Anonymity Privacy Concept Method	IJACECT, Vol. 4, Issue No: 2, June 2015
15	K. Mahesh Babu	RCEW, KNL	Efficient Anonymous Authentication of Data Secured in Clouds Based On Decentralized Access Control	IJSETR, 2015

			Techniques	
16	K. Mahesh Babu	RCEW, KNL	Implementation of Autonomous Mobile Mesh Networks Based On Multipath Routing Technology	IJATIR, 2015
17	K. Mahesh Babu	RCEW, KNL	A Survey on Public Auditing For Shared Data With Efficient User Revocation in Cloud Computing	IJATIR, 2015
18	K. Mahesh Babu	RCEW, KNL	A Novel Approach For Hybrid Cloud Computing For Secure Authorized Deduplication	IJATIR, 2015
19	C. Aruna Bala	RCEW, KNL	Qualitative Analysis of Segmentation Methods in Detection Of Atherosclerosis In Diabetic Patients and Omphalocele Fetus	IJCAE, Vol. 4, Issue No: 3, Pages: 268-278, 2015
20	Y. Sreenivasulu Goud	RCEW, KNL	Benchmarking Models of Low Power VLSI Testing: Current State Of Art	GOBEL JOURNAL, Vol. 13, Issue No: 7, Pages: 1-21, 2015
21	Y. Sreenivasulu Goud	RCEW, KNL	An Optimal Swarm Intelligence Approach For Test Sequence Restructuring To Conserve Power Usage In VLSI Testing	IJCTT, Vol. 4, Issue: 10, Pages: 3693-3696, 2015
22	P. Rama Krishnaveni	RCEW, KNL	Implementation of Qpsk Modulator On Modelsim	IJERT, Vol. 2, Issue: 9, Pages: 2073-2076, 2015
23	Y. Sreenivasulu Goud	RCEW, KNL	Testing Of Digital Circuits With Compressed Power Utilization Jumbled Test Sequence Approach	IJSER, Vol. 5, Issue No: 3, Pages: 896-900, 2015
24	K. Vijay Kumar, P. Kishore Kumar	RCEW, KNL	Cognitive Radio Networks Performance Comparison in Different Channels	IJERMT, Vol. 3, Issue No: 3, 47-51, 2015
25	M. Jyothirmai, R. Hima Bindu	RCEW, KNL	Vehicle Counting System Using Optimized Virtual Loop Method Based on Real Time Video	IJERA, Vol. 4, Issue No: 3, Pages: 931-934, 2015
26	C. Gayathri	RCEW, KNL	Low Cost Em Signal Direction estimation with Two Element Time Modulated Array System	IJCTT, Vol. 4, Issue No: 7, Pages: 2113-2118, 2015
27	A Sumalatha	RCEW, KNL	Power Quality Improvement of Grid Inter Connected 3 Phase, 4 Wire System Of Distribution Generation	IJMERE, Vol No: 4, Issue No: 3, Pages: 1731-1738, 2015
28	A.Raghavi	RCEW, KNL	Design And Analysis of Effective Coding Technique For Serial Links	IJSR, Vol No: 3, Issue No: 4, Pages: 760-764, 2015
29	V.Supraja	RCEW, KNL	Comparative Logic Styles Design Of Adder Using VLSI	IJERDVol No: 6, Issue No: 9, Pages: 31-36, 2015
30	V.Supraja	RCEW, KNL	Alternative Design Implementation and Verification of Embedded Systems	IJERA, Vol No: 6, Issue No: 9, Pages: 1 to 5, 2015
31	V.Supraja	RCEW, KNL	ECG De-Noising Using Thresholding Based On Wavelet Transforms	IJERA, Vol No: 3, Issue No: 2, Pages: 1 to 5, 2015,
32	M.Jayalakshmi	RCEW, KNL	A New Low Power Technology For Power Reduction in SRAM's Using Column Decoupling Combined With Virtual Grounding	IJERT, Vol No: 1, Issue No: 7, Pages: 1 to 5, 2015
33	M.RamaSubbamma	EEE & GCET, Kadapa	Optimum Power Oscillation Damping Improvement using an Add-On Self Tuning Control System For UPFC Application	Journal Research In Electrical Electronics And Communications. Issue-6, vol.-3
34	K.Vijay	EEE & GCET, Kadapa	Growth of Power Quality Under Strange Fault Conditions By Using D-STATCOM	Journal Research In Electrical and Electronics Communications
35	P.A.AshokaVar	CSE & GCET,	Extracting User Interest Through	Journal Research In Electrical



	dhini	Kadapa	Personalized Web Search	and Electronics Communications Vol.-3, Issue-3
36	P.A.AshokaVar dhini	CSE & GCET, Kadapa	Verifiable Attribute Based Keyword Search Over Outsourced Encrypted Data	Journal Research In Electrical and Electronics Communications, Vol.- 3, Issue-3
37	M.RamaSubbam ma	EEE & GCET, Kadapa	A Simplified Control Technique For A Dual Unified Power Quality Conditioner	Journal Research In Electrical and Electronics Communications Vol.-3, Issue-6
38	M.Rama Subbamma	EEE & GCET, Kadapa	Design and Control of A Dstatcom for Power Quality Improvement	Journal Research In Electrical and Electronics Communications Vol-2, Issue-6
39	G. Panduranga Reddy	EEE & GPCET, Kurnool	Analysis of Wind Energy Conversion System Employing DFIG with SPWM and SVPWM type Converters	Journal of Electrical Engineering, pp 1-12, Volume 15 (4), December, 2015,
40	G. Pavana Jyothi	EEE & GPCET, Kurnool	Implementation of New PWM Method for Diode Clamped Multilevel Inverter	International Journal of Scientific Engineering and Applied Science (IJSEAS) - Volume-1, Issue-7, October 2015, pp 444-448
41	S. Sankar Prasad	EEE & GPCET, Kurnool	Stability Enhancement of Three Phase Grid Connected Photovoltaic System Using Robust Partial Feedback Linearization Scheme	International Journal Of Global Innovations -Vol.3, Issue .II, Oct 2015, pp 119-124
42	U Chaitanya	EEE & GPCET, Kurnool	A Modified High Frequency Link Bidirectional Inverter Based On Switched Capacitor Resonant Converter	International Journal Of Global Innovations -Vol.3, Issue .2, Oct 2015, pp 102-106
43	T. Tirupal	ECE & GPCET, Kurnool	Comparative Analysis of Digital Image Compression with different Wavelets using ANN and RLE	Journal of Electrical Engineering, Volume 15 (4), December, 2015, pp. 22-27
44	A.Swetha, and P.Nageswara Rao,	ECE & GPCET, Kurnool	Design of Conical Horn Antenna for UWB Applications	International Journal of Research In Electronics and Computer Engineering IJRECE VOL. 3 ISSUE 4 OCT.-DEC. 2015, pp.19-21
45	T.Tirupal	ECE & GPCET, Kurnool	Multimodal Medical Image Fusion based on à trous Wavelet Decomposition and Contrast Visibility	3 <sup>rd</sup> International Conference on Nanotechnology for Biological and Biomedical Applications, Nano-Bio-Med 2015, IITBOMBAY, Mumbai, India, 1-4 December, 2015.
46	S. Venkateswarlu	ME & GPCET, Kurnool	Analysis and optimization of process parameters during boring process	International Journal of informative and futuristic research/ ISSUE 3/ VOL 3/NOV 2015
47	S. Venkateswarlu	ME & GPCET, Kurnool	Feasible Interfacing and Programming of Industrial Control Technology Unit with PLC's and Robots	The International Journal of Engineering And Science (IJES)/ISSUE 12/VOL 4/2015/42-48
48	K.Nirmala B.Sreelakshmi	ME & GPCET, Kurnool	Optimization of Air Conditioner Condenser Using R404 to Improve heat Transfer Rate	International Journal of scientific research and management (IJSRM) Volume3, Issue 11, Pages, 3723-3727, 2015,

49	K.Nirmala R.Narasamma	ME & GPCET, Kurnool	Modelling & Analysis of a Suspension System for Variable Loads	Journal of Technological Advances & Scientific Research/ eISSN- 2454-1788, pISSN- 2395-5600/ Vol. 1/ Issue 04/ Oct-Dec. 2015
50	T.Sujatha	English & GPCET, Kurnool	A Study of Attitude of Engineering Students towards Value Oriented Education with managemnet and year of study.	Paripex-Indian Journal Of Research-Volume: 4, Issue: 11, Nov 2015,pp 35-36.
51	T.Sujatha	English & GPCET, Kurnool	A Study of Attitude of Engineering Students towards Value Oriented Education with Type of Family and Mother Education.	Global Journal For Research Analysis,Volume:4,Issue:11,N ov 2015,pp: 10-11
52	W. Yasmeen	ECE,GPREC	The Design and Optimization of UWB PHY Transceiver IC by Using CMOS Technology- A state of the art Literature survey and review	International Journal of VLSI System Design and Communication Systems, 17 <sup>th</sup> Dec 2015
53	KVSGK Sastry	CE, GPREC	Effect of Granite Waste and Mineral Admixtures on Strength Properties of Concrete	International Journal of Civil, Structural Environmental and Infrastructure Engineering Research and Development (IJCEIERD), Vol. 5, Issue 5, October 2015, PP.67-76.
54	Abid Nayeemuddin	EEE, GPREC	A Novel Hybrid Random PWM for VSI fed Induction motor Drive	International Journal of Engineering Reasearch (IJOER) Volume-3, Issue-5, pp. 159-164, Sept. – Oct 2015.
55	M.Harshavardhan Reddy	EEE, GPREC	Multilevel Inverter Topology for Renewable Power Generation System	International Journal of Engineering Reasearch (IJOER) Volume-3, Issue-5, pp. 135-144, Sept. –Oct 2015
56	Y.V.Mohan Reddy	ME, GPREC	Performance of blended hybrid fiber epoxy/polyester composites	International Journal of Engineering, Sciences, Technology and Management . Vol. 01, No. 01 pp 23-29, Oct- 2015
57	K.Devaki Devi	ME, GPREC	Multi objective Evolutionary optimization of process parameters in turning annealed beryllium capper alloy	Elixir International Journal Elixir Mech. Engg. 89(2015), Dec-2015
58	K. Mallikarjunudu M Ravikumar	BE,GPREC	Reliability Values of Shared Load K- Out-of-n:G System in the Presence of Non-Lethal Common Cause Shock Failures	Journal of Computer and Mathematical Sciences, Vol. 6 (11),592-597, November 2015
59	Dr. G. Hampamma	Dept. of English, MITS	Old Widows &Woodroses: A Reference to The Short Stories of Chitra Banerjee Divakaruni, Anita Desai, &Abhuri Chaya Devi	International Research Journal of Humanities, Language & Literature/ 12 / 2/ 2015/Dec/14-21 ISSN – 2394-1642
60	A. Subba Rao, V.R.Prasad, et al.	Mathematics, MITS	Modelling Laminar Transport Phenomina In A Casson Rheological Fluid From An Isothermal Sphere With Partial Slip	Thermal Science, Vol.19, No.6, pp.1-13(2015)
61	A. Subba Rao, V.R. Prasad , N. Nagendra, K.V.N Murthy, et al.	Mathematics, MITS	Numerical Modeling of Non-Similar Mixed Convection Heat Transfer Over A Stretching Surface With Slip Conditions	World Journal of Mechanics, Vol.5,No.6,pp.117 -128 (2015)

62	A.Subba Rao, V.R. Prasad & N. Nagendra	Mathematics, MITS	Heat Transfer In A Non-Newtonian Jeffrey's Fluid Over A Non- Isothermal Wedge	Procedia Engineering, Elsevier, Vol. 127C, pp. 775- 782, 2015
63	Dr.S.Jeelani Begum	Mathematics, MITS	Convexity of Minimal Dominating Functions of Quadratic Residue Cayley Graphs	International Journal of Scientific and Innovative Mathematical Research Vol. 3 Issue. 2, Dec, 2015
64	R. Saravana, et al.	Mathematics, MITS	Influence of Elasticity on Mhd Peristaltic Transport of A Jeffrey Fluid Through Porous Medium Channel With Heat and Mass Transfer	Advances and Applications in Fluid Mechanics, 17(1), 1-16, Nov, 2015.
65	R. Saravana, et al.	Mathematics, MITS	Peristaltic Transport of A Jeffrey Fluid In Contact With A Newtonian Fluid In An Inclined Channel	AIN Shams Engineering Journal, Article in Press, Dec, 2015
66	Meharaj Unnisa, G.R. Hemantha	ECE, MITS	ARM7 Based Globalized Electronic Voting Machine	IJATIR, Vol. 7, Issue 15, Oct- 2015,3015-3018
67	Lohitha Priya, C.K. Hemantha Lakshmi	ECE, MITS	Passenger Friendly Transport System Using Zigbee as Communication Medium	IJER-Online, Vol. 3, Issue 5, Sep-Oct 2015, 491-494.
68	J.L. Mazher Iqbal, J. Lavanya, S. Arun	ECE, MITS	Abnormal Human Activity Recognition Using Scale Invariant Feature Transform	IJCET, Vol. 5, Issue - 6, Dec- 2015, 224-229.
69	J.L. Mazher Iqbal, V. Siva Krishna, S. Arun	ECE, MITS	Embedded System Based Air Pollution Detection in Vehicles	IJETCAS, Vol. 14, Issue 435, Dec -2015, 286-289.
70	J.L. Mazher Iqbal, K. Muni Gayathri	ECE, MITS	Intelligent Medicine Box With Weight Management And Alerting	IJAER, Vol. 10, Issue 87, Dec -2015, 123-129.
71	J.L. Mazher Iqbal, HeenaKoushar	ECE, MITS	Automatic Vehicle Accident Detection and Reporting With Black Box	IJAER, Vol. 10, Issue 87, Dec -2015, 139-145.
72	Saravana Kumar N, Sakthisudhan K	ECE, MITS	Certain Study on Improvement of Bandwidth in 3 GHz Microstrip Patch Antenna Designs and Implemented on Monostatic Radar Approach for Breast Cancer Diagnosis in Microwave Imaging System	Journal Circuit, Systems and Computers, Vol. 25, Issue 2, Oct -2015, 32.
73	A. Pavankumar, S.Praveen Kumar, Sreenivasulu Bezawada	ME, MITS	Structural and vibrational analysis of Hybrid composite marine propeller	Elixir-Mechanical Dept., Madanapalle Institute of Technology & Science, 2015- Oct, 87(2015)36049-36055,
74	B.Amuilnag, M.Vamsikrishna , Ashwinkumar	ME, MITS	A review on design and thermo structural analysis of wind turbine disc brake	International Journal on engineering development and research, Vol-3, Issue-4, 2015
75	M. Vamsi Krishna, M.AnthonyXavi or	ME, MITS	Optimization of End milling parameters for AL/SIC by response surface methodology	Journal of Advanced Microscopy Research (ASP), volume :10, pages 1-11, 2015.
76	G. Guru Mahesh,	ME, MITS	Design and analysis of rear under run protection device for safety of passenger car	International journal Advanced engineering research and science, Volume-2 -issue-11, 2015.
77	S.Balamurali & G.Venkateswarlu	MBA & SIET Puttur	Remedies on Non-performing Assets on Commercial Banks in India	International Journal of Marketing and Technology, Vol. 5, Issue 10, October 2015, PP – 29-37.

78	G.Venkateswarlu & M.Jayalakshmi	MBA & SIET Puttur	“Destinations of Eco tourism in Kerala- A theoretical study”	International Journal of Physical and Social Sciences , Vol. 5, Issue- 12, December 2015, PP –104-113.
79	G.Venkateswarlu	MBA & SIET Puttur	Spirituality at work place - the kind of mutual respect among the employees	International Journal of Commerce, Business and Management (IJCBM), Vol 6, December 2015, PP –760-765.
80	G.Venkateswarlu & M.Jayalakshmi	MBA & SIET Puttur	Online Banking Safety and Security Measures – Theoretical study	E- Commerce and e-banking, First edition October 2015, PP-264-267.
<b>Publications in Conferences</b>				
1	P Parvathi	ECE, GPREC.	FPGA Based Design and implementation of reed-solomon encoder and decoder for error detection and correction	IEEE Co-Sponsored International Conference, PCCCTSG-2015, GPREC, Kurnool.11 <sup>th</sup> -12 <sup>th</sup> Dec 2015
2	D.SharathBabu Rao	ECE, GPREC.	The Evolution of the Ethernet	IEEE Sponsored Online International Conference on Green Engineering and Technologies (IC-GET 2015), 27 <sup>th</sup> Nov 2015
3	D.SharathBabu Rao	ECE, GPREC.	The Journey of Ethernet towards 1 TBPS & Various Fields of Applications	DRDO Sponsored 2nd International Conference on Electrical, Electronics, Instrumentation and Computer Communication, 18 <sup>th</sup> -19 <sup>th</sup> Dec 2015
4	G Ramesh	ECE, GPREC.	Efficient Cache Level Management Approaches in Embedded systems	International Conference on challenges and Emerging trends in Management & Technology, Dec 12, 2015.
5	R.Meenakshi Reddy	ME, GPREC	Experimental Investigation on Performance of Pulsating Heat Pipe	ASME- 2015 Gas Turbine India Conference. Dec-2015
6	R. Praveen Sam	CSE, GPREC	Analysis of Load Balancing Strategy using Cloud Partitioning	International Conference on Research Advancements in Engineering, Science and Information Technology during 15 <sup>th</sup> & 16 <sup>th</sup> December 2015.
7	W Yasmeen, G DivyaPraneetha	ECE, GPREC.	Reduction of Power Consumption in LC Resonant clock Distribution Networks Based on LS-DCCFF	A Two day national conference on VLSI Design, Signal Processing, Image Processing, Communications and Embedded Systems” 6 <sup>th</sup> - 7 <sup>th</sup> Nov 2015
8	Ganala Santhoshi, R.J.D’ Souza	MCA, MITS	Randomly deployed mobile sensor nodes traversal schemes	4th, International Conference on Eco-friendly Computing and Communication Systems (ICECCS - 2015), December 7-8, NITK Kurukshetra, Haryana, India, Proceedings by Elsevier Procedia Computer Science



9	N. Seshadri,	MBA, MITS	Comparative Efficiency of Public & Private Sector Banks in India	6 <sup>th</sup> International Conference at Acharya Bangalore B-School, Bengaluru, on 17& 18December 2015
10	A. Subba Rao & N. Nagendra	Mathematics, MITS	Heat Transfer In A Non-Newtonian Jeffrey's Fluid Over A Non-Isothermal Wedge	NIT, Warangal, during 30 <sup>th</sup> Nov – 2 <sup>nd</sup> Dec 2015.
11	S. Jeelani Begum	Mathematics, MITS	Edge Independent Functions of Quadratic Residue Cayley Graphs	National Conference on Recent Developments in Mathematical Sciences & their Applications to Science and Technology", VBIT, Ghatkesar on 11-13, December 2015.
12	P. Devaki	Mathematics, MITS	Pulsatile Flow of a Power-Law fluid in a circular tube Having internal Porous Lining	National Conference on Mathematics and its Applications organized by Department of Mathematics Sri Venkateswara University, Tirupati during 22 <sup>nd</sup> to 23 <sup>rd</sup> December 2015.
13	P.Kalpana	Mathematics, MITS	Maximum Likelihood Estimation for a Bivariate Stochastic Models of Multiple Sclerosis	National Conference on Mathematics and its Applications organized by Department of Mathematics Sri Venkateswara University, Tirupati during 22 <sup>nd</sup> to 23 <sup>rd</sup> December 2015
14	M.Sudhakar Reddy	Mathematics, MITS	Heat Source Effects on MHD Micropolar Fluid Flow Past a Porous Vertical Plate in the Presence of Radiation Absorption	National Conference on Mathematics and Its Applications organized by Department of Mathematics Sri Venkateswara University, Tirupati during 22 <sup>nd</sup> to 23 <sup>rd</sup> December 2015
15	B.Venkateswarlu	Mathematics, MITS	Effect of Chemical Reaction and Thermal Radiation on MHD Mixed Convective Heat and Mass Transfer Flow in a Vertical Channel with Non-Uniform Concentration	National Conference on Mathematics and its Applications, Sri Venkateswara University, Tirupati during 22 <sup>nd</sup> to 23 <sup>rd</sup> December 2015
16	R.Saravana	Mathematics, MITS	Influence of Velocity, Slip on the peristaltic Transport of a Conducting Pseudo Plastic Fluid in a Channel with Heat Transfer	National Conference on Mathematics and Its Applications organized by Department of Mathematics Sri Venkateswara University, Tirupati during 22 <sup>nd</sup> to 23 <sup>rd</sup> December 2015.
17	A.Subba Rao & N. Nagendra,	Mathematics, MITS	Thermal Radiation Effects on Oldroyd-B Nano fluid from a Stretching Sheet in a non-Darcy Porous Medium	11-13, December 2015 at VignanaBharathi Institute of Technology, Ghatkesar, Hyderabad

18	K. Mallikarjuna	ME & GPCET, Kurnool	Optimization of Open field Layout in Flexible Manufacturing System with Scheduling as constraints –An Approach of evolutionary algorithm and Trajectory based method	International Conference on Technological innovations in Mechanical EngineeringTIME-2016', held at CBIT, Hyderabad.
19	K. Mallikarjuna A. Sreekanth	ME & GPCET, Kurnool	An Application of Metaheuristics for Optimization of Loop Layout Design in Flexible Manufacturing System with Batch Scheduling Constraints	National Conference (Ncirt-2015) Innovative research In Engineering And Technology, KVSRT Kurnool.
20	S. Venkateswarlu	ME & GPCET, Kurnool	Study of Flow of Variable Viscosity Fluids in Peristaltic Pump	National Conference (RAME-2015) Recent Advances in Mechanical Engineering held at SVCET Chittoor.
21	S. Javeed S. Drakshayani	ME & GPCET, Kurnool	Analysis of Pollution Characteristics on 4-Stroke Single Cylinder Diesel Engine at Inclined Intake Manifold	National Conference on Recent Advances in Mechanical Engineering (RAME-2015) SVCET, Chittoor, December 2015.
22	S. Drakshayani S. Javeed	ME & GPCET, Kurnool	Assessment on boiler performance	National conference on Recent advances in Mechanical Engineering (RAME-2015), SVCET, Chittoor, December 2015.
23	A. Sreekanth	ME & GPCET, Kurnool	Optimization of Open field Layout in Flexible Manufacturing System with Scheduling as constraints –An Approach of evolutionary algorithm and Trajectory based method	International Conference on Technological innovations in Mechanical EngineeringTIME-2016', held at CBIT, Hyderabad, INDIA.

### NSS Activities of Affiliated Colleges

- NSS Unit of G.Pulla Reddy Engineering College visited “**M.P.U.P School, B.Thandrapadu**” village on **07-10-2015** and conducted programs like cleaning surroundings of school, interacted with students and told them the importance of keeping surroundings clean.
- NSS Unit of G.Pulla Reddy Engineering College visited **Vignanapeetham Aided High School, Orphanage of Vishwa Hindu Parishath** beside our college on **28-10-2015**. NSS volunteers conducted programs like cleaning surroundings of school, interacted with Orphanage, distributed fruits to Orphans.
- NSS Unit of G.Pulla Reddy Engineering College organized “**Rashtriya Ektha Diwas Pledge**” on **31-10-2015** to motivate volunteers to strive to maintain Unity and Integrity of the country. The program concluded with collective singing of “National Anthem”.
- NSS Unit of G.Pulla Reddy Engineering College visited “**Sri Saraswathi Sishu Mandir High School**” on **04-11-2015**. NSS volunteers interacted with school students and told the importance of goal setting in every one's life.
- NSS Unit of G.Pulla Reddy Engineering College visited **G.Pulla Reddy respite home** beside our college on **19-12-2015**. NSS volunteers conducted programs like cleaning surroundings of respite home, interacted with challenged people and distributed fruits to them.
- NSS Unit of G.Pulla Reddy Engineering College conducted “**College Level Youth Festival**” from **29-12-2015 to 31-12-2015** and conducted various competitions for NSS volunteers on theme “**NATIONAL INTEGRATION**”.
- NSS Cell- MITS Organized Mega Blood Donation Camp on 29 October 2015.

## THESES INSHODHGANGA

S.No.	Title of the Thesis	Name of the Student	Name of the Research Supervisor(s)
<b>Physics</b>			
1	Growth and characterization of certain ternary alkali halides and semi organic NLO materials	G. Maruthi	Dr. R. Chandramani
2	Studies in thin films preparation and characterization of iron pyrite films by chemical bath deposition	Vedavathi Aluri	Dr. Y. Muni Krishna Reddy and Prof. K. T. Ramakrishna Reddy
<b>Chemistry</b>			
1	Development and validation of high performance liquid chromatography method for analysis of drugs	M. Naresh Chandra Reddy	Prof. K. B. Chandra Sekhar
2	Synthesis characterization biological evaluation and electro chemical behavior of heterocyclic compound	P. Nagarjuna Reddy	Prof. L.K. Ravindranath and Prof. K. B. Chandra Sekhar
<b>Mathematics</b>			
1	Effect of radiation on heat transfer flows of some non newtonian fluids	S. Vijayalakshmi	Dr. M. Suryanarayana Reddy
2	On MHD fluid flow problems in porous medium	L. Sreekala	Prof. E. Keshava Reddy
<b>Mechanical Engineering</b>			
1	Study analysis and optimization of integrated reliability model for redundant system	K.S. Lakshminarayana	Dr. Y. Vijaya kumar
2	Investigation on use of micro emulsions of ethanol and diesel ethanol and biodiesel	Mohammed Nasrullah	Prof. K. Rajagopal
3	Experimental investigation on machining parameters in turning of al6061 tic situ metal matrix composites fabricated by flux assisted synthesis	D. Sai Chaitanya Kishore	Prof. K. Prahada Rao
4	Modeling and optimization of wire electrical discharge machining of cr mo v special alloy steel using neuro genetic approach	P. Vijaya Bhaskara Reddy	Dr. Ch. R. Vikram Kumar and Prof. K. Hemachandra Reddy
<b>Electronics and Communication Engineering</b>			
1	Design and implementation of an efficient electromagnetic radiation monitoring system for different cellular networks	Sugali Venkatesulu	Dr. S. Varadarajan
<b>Computer Science and Engineering</b>			
1	Efficient Techniques to reduce topology mismatch problem in unstructured peer to peer networks	B. Lalitha	Dr. Ch.D.V. Subba Rao
<b>Pharmaceutical Sciences</b>			
1	Isolation characterization and pharmacological screening of some Indian medicinal plants	Shalaka Dinesh Kadam	Dr. C. Sreedhar and Prof. K.B. Chandra Sekhar
2	Determination and validation of some selective drugs by using analytical techniques	Jayam Nagasateesh	Prof. G.V. Subba Reddy and Prof. K.N.Jayaveera
3	Phytochemical investigation and pharmacological screening of some Indian medicinal plants	Sandip S. Shelke	Dr. C. Sreedhar and Prof. K.B. Chandra Sekhar

## Sports News

- JNTUA Basket Ball (Women) team participated South Zone Inter University Basket Ball (Women) Tournament held at SRM University, Chennai on 24<sup>th</sup> to 28<sup>th</sup> September – 2015.
- JNTUA Shuttle Badminton (M&W) teams participated South Zone Inter University Shuttle Badminton (M&W) Tournament held at SRM University, Chennai on 01<sup>st</sup> to 05<sup>th</sup> October - 2015.
- JNTUA Chess (M&W) team participated South Zone Inter University Chess (M&W) Tournament held at Amrita University, Coimbatore on 06<sup>th</sup> to 10<sup>th</sup> October - 2015.
- JNTUA Kabaddi (M) team participated South Zone Inter University Kabaddi (Men) Tournament held at Kuvempu University, Shimoga on 15<sup>th</sup> to 19<sup>th</sup> October - 2015.
- JNTUA Hockey (Women) team participated South Zone Inter University Hockey (Women) Tournament held at University of Mysore, Mysore on 02<sup>nd</sup> to 06<sup>th</sup> November - 2015.
- JNTUA Lawn Tennis (Women) team participated South Zone Inter University Lawn Tennis (Women) Tournament held at Dr. NTR Health University, Vijayawada on 07<sup>th</sup> to 09<sup>th</sup> November – 2015.
- JNTUA Foot Ball (Men) team participated South Zone Inter University Foot Ball (Men) Tournament held at Amrita University, Coimbatore on 10<sup>th</sup> to 19<sup>th</sup> December - 2015
- JNTUA Judo (M&W) team participated All India Inter University Judo (M&W) Tournament held at KIIT University, Bhubaneswar on 25<sup>th</sup> to 28<sup>th</sup> December - 2015.
- JNTUA Volley Ball (Men) team participated South Zone Inter University Tournament held at Andhra University, Visakhapatnam on 24<sup>th</sup> to 28<sup>th</sup> October - 2015
- JNTUA Basket Ball (Men) team participated South Zone Inter University Tournament held at SRM University, Chennai on 29<sup>th</sup> Dec- 2015 to 03<sup>rd</sup> Jan – 2016.
- Students of JNTUACEP have won winners position in Kabadi and Table Tennis in 2<sup>nd</sup> Autonomous College Games meet conducted by NBKR Institute of Technology, Vidyanagar, Nellore from 19<sup>th</sup>, 20<sup>th</sup> & 21<sup>st</sup> December 2015-2016.

## JNTUA NSS - Adventure Camp at Manali (Himachal Pradesh)

JNTUACEA NSS Unit-I Program officer Lt. S.Sharada has been selected as Contingent Leader and NSS Volunteers of JNTUACEA viz., P. Anusha, V.Brahmani, A.Rekha, P.Lakshmi Prasanna, Samiya were selected and participated at National Adventure Camp – 2015 held at Atal Bihari Vajpayee Institute of Mountaineering and Allied Sports, Manali, Himachal Pradesh from 04-10-2015 to 13-10-2015.



## Awareness Program on Neeru Chettu at JNTUA



On 4<sup>th</sup> November 2015, NSS Cell JNTUA Conducted an Awareness Program on **Neeru Chettu** a flagship programme of Govt. of Andhra Pradesh. As a part of the awareness program on 10<sup>th</sup> November 2015 NSS Cell JNTUA conducted a Neeru Chettu Competitions in Elocution, Essay Writing, One Act Play, Model Exhibition and Spot Painting at JNTUA. **Prof. M.M.M. Sarcar**, Vice Chancellor of the JNTUA and **Prof. S.Krishnaiah**, Registrar of the JNTUA and **Prof.M.L.S. Deva Kumar**, NSS Programme Coordinator of the JNTUA attended the program.