## In this Issue..

Prof. H. Sudarsana Rao
Vice-Chancellor i/c
(w.e.f. 30.06.2015)

## Laying of Foundation stone for I.T. Incubation Centre at JNTUA



Foundation stone for IT Incubation centre was laid by Hon'ble Minister for IT & PR Dr. Palle Raghunatha Reddy in the august presence of i/c Vice-Chancellor and Registrar of the University, MP/MLA/MLCs, Govt. officials etc.

The University has identified five acres of land for construction of Incubation centre in the campus of JNTUA Ananthapuramu. The joint Director ITE & Dept. of Govt. of AP IT, E&C Dept. has proposed to construct incubation tower of 30000 sq.ft. In JNTUA campus and is to be constructed by APIIC.



| Prof. H. Sudarsana Rao, Chairman | Prof. K. Prahlada Rao | Prof. K.B. Chandra Sekhar |
| Prof. K.S.R. Anjaneyulu | Prof. K. Govinda Rajulu | Dr. V.B. Chitra |
| Prof. S. Krishnaiah | Prof.N. Devanna | Dr.T.Narayana Reddy |
| Prof. V. Sankar, Convener | | |

# Ph.D.s Awarded

| S. No. | Name | Dept. | Title | Supervisor(s), Designation & Address | Date of Award of the Degree |
|---|---|---|---|---|---|
| 1 | A. Saravana Kumar | Pharmacy | Pharmacological Screening of Some Indigenous Drug for anti Diabetic and anti angiogenic Potential | Dr. S. Kavimani, Professor & Head, Mother Theresa Post Graduate and Research Institute of Health Sciences Puduchery | 04.07.2015 |
| 2 | Rajesh Gopinath | Civil Engg. | Parametric Study of Heat Island Effect Due to Urban Sprawl in Bangalore | Dr. Vijayalakshmi Akhela, Bangalore,Dr. P. R. Bhanumurthy, Professor in Civil Engineering, JNTUA | 13.07.2015 |
| 3 | M. Muthukumaran | Pharmacy | Formulation and Evaluation of Sustained Release Mucoadhesive Builayer Tablets of the Active Medicament using Statistical Optimization Technique | Dr. D. Dhachinamurthy, Principal, QIS College of Pharmacy, Vengamukkapalem, / Dr. K.B. Chandrasekhar, Professor of Chemistry and Director OTRI, JNTUA | 13.07.2015 |
| 4 | G. K. Siva Sanakra Yadav | Physics | Synthesis and Characterization of Bulk and Nano Pervoskite Manganite Materials | Dr. K. Thyagarajan, Professor, JNTUA CEP | 13.07.2015 |
| 5 | P.C. Vijaya Kumar | Physics | Sythesis and Charecterization of Some Novel Thermoplstic Elastomeric Blends of Exudated Resin (ER/Polystyrene(PS) | Dr. R. Jeevan Kumar, Asst. Professor, Dept. of Phsysics, S.K.University, Ananthapuramu | 13.07.2015 |
| 6 | *Sampath Kuamr Moola* | Pharmacy | Development and Validation of Different Drugs by Modern Analytical Techniques in Biological Matrices | Prof. Ch. Balasekhar Reddy, Principal, Vagdevi College of Pharmacy, Guntur, / Dr. K.B. Chandrasekhar, Professor of Chemistry and Director OTRI, JNTUA | 16.07.2015 |
| 7. | Hari Hara Theja Dugga | Pharmacy | A Validated RP-HPLC Method Development for Selected API's and Its Application Forced Degradation Studies | Dr. P. Ramalingam, Professor, Centre for Pharmnaceutical Research, RIPER, Ananthapuramu, / Dr. N. Devanna, Princiapl, JNTUA CEK | 23.07.2015 |
| 8 | *Raghuram Choudary Yanamadala* | *Mech. Engg.* | Evaluation of Mechanical and Thermal Properties of Silicon Carbide and Graphite Reinforced Hybrid Metal Matrix Composite | Prof.K.Prahlada Rao, Principal, JNTUA CEA, B. Durgaprasad, Professor &Head, JNTUA CEA | 23.07.2015 |
| 9 | K. Mehraj Pasha | Bio-Tech. | Molecular and Biochemical Characterization of Pectinolytic Potential of Microbs Isolated from Industrial Fruit Waste | Dr. P. Anuradha, Criya Bio-Labs Tirupathi, / Dr. D. Subba Rao, Professor of Chemical Engg., JNTUA CEA | 01.08.2015 |
| 10 | Vaseeha Banu T.S. | Pharmacy | Formulation and Evaluation of Trasndermal Drug Delivery System for the Treatment of Angina Pectoris | Dr. Sandhya, T. John College of Pharmacy Bangalore, / Prof. K.N. Jayaveera, Professor (Retd) Chemistry, JNTUA CEA | 03.08.2015 |
| 11 | Md.Afrozuddin | English | The Face behind the Mask: Selected Plays of George Bernad Shaw | Dr. V.B. Chitra, Assistant. Professor, Dept. of Humanities, JNTUA CEA | 10.08.2015 |
| 12 | T.S. Ghouse Basha | ECE | Beamforming in smart Antennas with Spatial Diversity along with Precise Direction of Arrival Estimation | Prof. M.N. Giriprasad, Dept. of ECE, JNTUA CEA | 28.08.2015 |
| 13 | G. Sumalatha | Pharmacy | Pharmacological Investigations of Some Indian Medicinal Plants as Antiepileptics | Prof. A. Sridevi, Sri Padmavathi Mahila Viswavidyalayam, Tirupathi | 28.08.2015 |

| 14 | *S.M. Sanjay kumar* | *Mech. Engg.* | Development of Particulate Reinforcement Aluminium MMCs with Superior Thermal Properties for Electronic Applications | Dr. D.P. Girish, Professor & HOD, Govt. Engineering College, Ramanagara, Prof. K. Prahlada Rao,Principal, JNTUA CEA | 04.09.2015 |
|---|---|---|---|---|---|
| 15 | G. Mamatha | ECE | Imnplementation of High Speed DWT based Satellite Image Fusion Algorithms on Re-Configurable Hardware | Dr. M.V. Lakshmaiah, Assistant Professor, Dept. of Science and Electronics, S K university, Ananthapuramu, Dr. V. Sumalatha, Professor& Head, JNTUA CEA | 04.09.2015 |
| 16 | Pathan Mohd Shafi | CSE | Risk and Mitigation of Authentication Protocol Kerberos: A Public Key Approach | Prof. Syed Abdul Sattar, Dean of Academics, Royal Institute of Technology & Science, / Dr. P. Chenna Reddy, Professor, JNTUA CEP | 10.09.2015 |
| 17 | Sunil Kumar Reddy T | CSE | Adaptive Task Scheduling Algorithm in Grid Computing | Prof. P. Venkata Krishna, SPMV University, Tirupathi, Dr. P. Chenna Reddy, Professor, JNTUA CEP | 16.09.2015 |
| 18 | Mourougane | Civil Engg. | An Investigation on the Production, Mechanical Properties and Performance of Geopolymer Concrete | Prof. C.G. Puttappa, M.S. Ramaiah Institute of Technology, Bangalore, / Prof. C. Sashidhar, Professor, JNTUA CEA | 16.09.2015 |
| 19 | Vijayalakshmi S | Maths | Effect of Radiation on Heat Transfer Flows of some Non-Newtonian Fluids | Dr. M. Suryanarayana Reddy, Assistant Professor &HOD, JNTUA CEP | 16.09.2015 |
| 20 | V. Nagaprasad Naidu | Mech. Engg. | Performacne Evaluation of a Four Stroke Diesel Engine by Using Various Biodiesel Blends with an Air Gap and Insulated Piston Inserts | Prof. V. Pandurangadu, JNTUA CEA | 16.09.2015 |

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

➢ Department of EEE, JNTUA CEA organized a one-day workshop on "Awareness on Power Systems Simulation Analysis using Mi Power" on 22-09-2015 in collaboration with PRDC, Bangalore. Dr. K. Jithendra Gowd, Assistant Professor of EEE was Coordinator for the Workshop.

➢ In association with JNTUHCEH, JNTUACEA organized a two-week Faculty Development Programme on Entrepreneurship from 06th July 2015 to 18th July 2015. The programme was Sponsored by Entrepreneurship Development Institute of India under DST- NIMAT 2011-2015.

➢ Women Empowerment Cell, JNTUA, Ananthapuramu, organized the programme on **"Ayurveda for Better Living"** on 14th July , 2015 at JNTUA, Ananthapuramu. Dr. Sruthy, apart from delivering the lecture, had a very useful interactive session for the Staff members .

➢ Women Empowerment Cell, JNTUA, Ananthapuramu, organized One-Day Workshop on **"Personal Risk Management:Kapap"**for the passing out girl students of JNTUA on 28thMarch 2015 in association with Inner Wheel district 316. Prof.V. Sankar, Director, DFA & AM, JNTUA and other faculty members along with the student participants attended the inaugural function. Ms. Dipti Shankar, Trainer from Fitcomb, New Delhi trained**119 girl students** in this self defense technique.

➢ **Entrepreneurship Development Programme Cell, JNTUA CEA** organized an UGC Sponsored one-day Work-Shop for IV B.Tech Students on **"Entrepreneurial Initiatives for Budding Engineers",** on 14th August, 2015. Prof K.Prahlada Rao, Principal, JNTUA CEA was the Chief Guest for the inaugural function. Prof.B.Eswara Reddy, Vice-Principal of JNTUA CEA, Prof. V.Sankar, Director, DFA & AM, JNTUA , Prof. S.V. Sathyanarayana, Director R&D, JNTUA and other faculty members attended the inaugural function. Sri T.N.Kishore Reddy, VP & Managing Director India Operations at Meru Networks, Bangalore, Sri S.Rajesh, CEO, Durga Automotives, Ananthapuramu, Sri. D.Sanjeeva Raju, Industrial Promotion Officer, District Industries Centre, Ananthapuramu were the resource persons. **174 students** were given the certificates.

- **Entrepreneurship Development Programme Cell, JNTUA CEA** organized an Orientation Programme for IV B.Tech Students on **"Technopreneurship and Building High Caliber Industry Ready Architects",** on 1st September, 2015. Prof. V.Sankar, Director, DFA & AM, JNTUA graced the occasion and gave away mementoes to the resource persons Sri T.B.Kishore, CEO and Founder (Alumnus of JNTU CEA) and Sri Venkat Annadata, CTO, Mount Point Technologies Pvt. Ltd., Bangalore.
- Department ofPharmaceutical Sciences, OTRI-JNTUA had organised a one-day workshop on "**Awareness on Foreign university collaborations for Pharmacy courses"**(**6th August, 2015**). More than 100 participants from various institutions attended the workshop. The convener of the workshop was Prof.K.B.Chandra Sekhar.
- Mechanical Engineering Department of JNTUA CEA organized a "National Conference on Trends in Mechanical Engineeringon" 23rd SEPTEMBER-2015.

## MoUs

- Department of EEE, JNTUA CEA and Power Research and Development Consultants (P) Limited (PRDC), Bangalore signed an MoU on 22-09-2015 to maintain Industry-Institute interaction in the field of Electrical Engineering.

## Faculty attended Workshops/Seminars / Conferences / FDPs

| S.No. | Name of Faculty | Dept.& College | Workshop/Conferences | Held at | Period From - To |
|---|---|---|---|---|---|
| 1 | Prof. A. Ananda Rao | CSE, JNTUACEA | One day Workshop on "Employability Enhancing program phase 1 QP/Job Roles Curricular & Contest Development". | APSSDC & SSC NASSCOM, Hyderabad. | 3rd August 2015 |
| 2 | Prof. V. Sankar | EEE, JNTUA CEA | Anantapur Engineering Alumni Association Hyderabad Meeting | Hyderabad | 16.8.2015 |
| 3 | Prof. V. Sankar | EEE, JNTUA CEA | One day workshop on Australian Education Delegation meeting | Bangalore | 26.8.2015 |
| 4 | Prof. V. Sankar | EEE, JNTUA CEA | One day workshop onFrench Embassy Delegation meeting | Bangalore | 1.10.2015 |
| 5 | Prof. V. Sankar | EEE, JNTUA CEA | One day workshop onUS India Education Foundation | Hyderbad | 7.10.2015 |
| 6 | Prof. V. Sankar | EEE, JNTUA CEA | UK Science and Innovation Delegation | Secretariat, Hyderabad | 12.10.2015 |
| 7 | Prof. B. Eswara Reddy | CSE, JNTUACEA | One day Workshop on "Employability enhancing program phase 1 QP/Job roles curricular & contest Development". | APSSDC & SSC NASSCOM, Hyderabad. | 03rd August 2015 |
| 8 | Dr. A. P. Siva Kumar | CSE, JNTUACEA | One day Workshop on "Employability enhancing program phase 1 QP/Job roles curricular & contest Development". | APSSDC & SSC NASSCOM, Hyderabad. | 03rd August 2015 |
| 9 | Prof. R.PadmaSuvarna | Physics, JNTUACEA | Workshop on Physics Experiments using expEYES | IISc, Bangalore | 16th August, 2015 |
| 10 | Dr. D.Zarena | Physics, JNTUACEA | Indian Academy of Sciences symposium for teachers and 26th mid-year meeting | Bangalore | July 2-4, 2015 |

| 11 | Prof. E. Keshava Reddy | Mathematics, JNTUACEA | International Conference on Mathematical Sciences (ICMS – 2015) | SVU, Tirupati. | 13th July 2015 TO 15TH July 2015 |
|----|----|----|----|----|----|
| 12 | Mr.Y. Rameswara Reddy & Mr. M.Vishnuvardhan Reddy | Mech. Engg.& ECE, JNTUACEP | One day Industrial visit under TEQIP "Mahindra & Mahindra tractor plant" | Zaheerabad, Telangana | 16th July 2015 |
| 13 | Mr.Y.Rameswara Reddy | Mech. Engg., JNTUACEP | Training program on "Communication and Presentation Skills (CAPS)" Sponsered by the Department of Science and Technology | Institute of Management Training, Goa | 21-25th Sept. 2015 |
| 19 | Prof.P.Chenna Reddy and Sri. G. Murali | CSE, JNTUA CEP | Continuing Professional Development Programme on "Cyber Security & Forensic Investigation". | Engineering Staff College of India, Hyderabad | 27-30 July 2015 |
| 22 | Dr. K.Sesha Maheswaramma | Chemistry, JNTUA CEP | Source Geospacial (FOSS4G) Tools | OSGEO-India, Energy & Wetlands Research Group, CES at IISc, Bangalore | **August 20, 2015** |
| 23 | Dr. K.Sesha Maheswaramma | Chemistry, JNTUA CEP | Internt Course on Free & Open Source Geospacial Technologies (FOSS4G) for Urban Environmental applications | Centre for infrastructure Sustainable Transportation and Urban Planing (CiSTUP), IISc, Bangalore | **August 21-24, 2015** |
| 24 | Dr.N.Zafrunnisha | JNTUA CEP | Management Capacity Enhancement for the administrators | IIM Lucknow (Noida) | 27th to 31st July, 2015 |
| 25 | Dr. V.B. Chitra | English, JNTUA CEA | Upgradation of values through literature | RJS FGC, Bangalore | 25th Aug, 2015 |

# Publications of Constituent Colleges / Units

| S.No. | Authors | Dept. & College | Paper Title | Published in / Issue No./ Vol. No./Year/Month/Pages |
|---|---|---|---|---|
| | | | **Publications in Journals** | |
| 1 | S. Sridhar | EEE, JNTUA CEA | A Robust Control Algorithm for speed sensor less Induction motor drive with SVPWM and Estimation | IJAREEIE, Vol. 4, Issue 7, July, 2015 |
| 2 | V.Bhaskar Desai, C.Chaitanya Lakshmi | Civil Engg., JNTUA CEA | " An Experimental Investigation on Strength Properties of Cements Concrete Modified With Ground Granulated Blast Furnace Slag" | International Journal of Research in Engineering and Technology (IJSRSET151597) Volume-1, Issue-5, September- October-2015 [(1)5:427-434] |
| 3 | G.Pasanthi | ME, JNTUA CEA | Design and Development of New Passenger Seat for Electrical Multiple Unit Trains | Journal of Multidisciplinary Engineering Science and Technology (JMEST). Vol. 2, Issue 8, August,2015, pp. 2136-2139. |
| 4 | G.Prasanthi and T.Jayamadhuri | ME, JNTUA CEA | Effects of Dust on the Performance of Solar Panel and Improving the Performance by using Arm Controller and Gear Motor based Cleaning Method | International Journal of Innovative Science, Engineering & Technology (IJISET). Vol. 2, Issue 9, September 2015, pp. 329-334. |
| 5 | A.Sreenivasulu, N.Venkatachalapathi and G.Prasanthi | ME, JNTUA CEA | Modeling and Analysis for Minimization of Mean Flow Time in FMS Simulation | Journal of Advanced Manufacturing Systems(JAMS). Vol.14 No.4(2015), pp.235-245. |
| 6 | G.Prasanthi and E.M.Anitha | ME, JNTUA CEA | Experimental Investigation on the effect of Exhaust Gas Recirculation on Performance and Emission Characteristics of Diesel Engine Fueled with Moringa Oleifera Oil | International Journal of Trend in Research and Development. Vol.2, Issue 5, September-October 2015. |
| 7 | S. Sridhar | EEE, JNTUA CEA | A Comparative study of MPPT techniques in modelling of solar photovoltaic and PMSG based wind hybrid system | IJAREEIE, Vol. 4, Issue 8, August, 2015 |
| 8 | S. Sridhar | EEE, JNTUA CEA | SVM-DTL of an Induction motor based on voltage and stator flux angle using Fuzzy logic controller | IRJET, Vol. 2, Issue 4, July, 2015 |
| 9 | M. Anka Rao | EEE, JNTUA CEA | Implementation of PI, Fuzzy & ANN controllers to improve dynamic response of Vector Controlled Induction Motor Drive | IJRET, Vol. 4, No. 7, July, 2015 |
| 10 | M. Anka Rao | EEE, JNTUA CEA | Comparison of different controllers for the improvement of dynamic response of indirect Vector Controlled Induction Motor Drive | IJERA, Vol. 5, No. 7, July, 2015 |
| 11 | M. Anka Rao | EEE, JNTUA CEA | Comparison of speed controlling Techniques of Field-Oriented Controlled Induction Motor Drives | IJAREEIE, Vol. 4, No. 7, July, 2015 |
| 12 | M. Anka Rao | EEE, JNTUA CEA | MRAS and Adaptive Observer Techniques for speed estimation in Sensorless Vector Controlled Induction Motor Drive | IJAREEIE, Vol. 4, No. 7, July, 2015 |
| 13 | M. Anka Rao | EEE, JNTUA CEA | Speed estimation of Sensorless Vector Controlled Induction Motor Drive using ANN | IJAREEIE, Vol. 4, No. 7, July, 2015 |
| 14 | M. Anka Rao | EEE, JNTUA CEA | Estimation of rotor velocity in Induction Motor Drive using Sliding Mode Observer | IJAREEIE, Vol. 4, No. 7, July, 2015 |
| 15 | M. Anka Rao | EEE, | Speed & Torque analysis of IVCIM drive | IJAREEIE, Vol. 4, No. 7, July, |

| | | JNTUA CEA | using Fuzzy MRAC | 2015 |
|----|----|----|----|----|
| 16 | M. Ramasekhara Reddy, M. Vijaya Kumar | EEE, JNTUA CEA | Comparison of PID and Fuzzy controlled dual inverter based super capacitor for Wind energy conversion systems | IRJET, Vol. 2, No. 4, July, 2015 |
| 17 | M. Ramasekhara Reddy | EEE, JNTUA CEA | A Fuzzy Logic based Grid connected offshored wind farm using STATCOM | IJAREEIE, Vol. 4, No. 9, Sept., 2015 |
| 18 | M. Ramasekhara Reddy, M. Vijaya Kumar | EEE, JNTUA CEA | A Neuro-Fuzzy Controller based wind generation system using flying super capacitors | IJAREEIE, Vol. 4, No. 9, Sept., 2015 |
| 19 | M. Ramasekhara Reddy | EEE, JNTUA CEA | Dynamic stability improvement of grid connected PMSG based offshore wind farm using a STATCOM | IJAREEIE, Vol. 4, No. 9, Sept., 2015 |
| 20 | A. Ananda Rao., *et.al* | CSE, JNTUACEA | Efficient Load Balancing Schem using Multiple Mobile Sink | International Journal of Computer Applications, Foundation of Computer Science, New York, USA, July 18, 2015. |
| 21 | A. Ananda Rao. *et.al* | CSE, JNTUACEA | Routing Optimization with Load Balancing: an Energy Efficient Approach", | International Journal of Advance Networking and Applications, Vol. 7, Issue 1(July-August Issue 2015). |
| 22 | S. Vasundra *et.al* | CSE, JNTUACEA | Optimizing technique to reduce traffic load in peer-to-peer systems. | International Journal of Advanced Research in Computer Engineering and Technology, Vol.4, issue-6, pp 2848-2853, july 2015 |
| 23 | S. Vasundra *et.al* | CSE, JNTUACEA | GSTARS: Generalized statistical dynamic source routing for manets | International Journal of Computer Science Trends and Technologies, Vol. 3, Issue 4, July 2015. |
| 24 | S. Vasundra *et.al* | CSE, JNTUACEA | Distributed algorithm to load balanced data aggregation tree problem under deterministic network model | Journal of Network Communications and Emerging Technologies, Vol. 3, Issue1, July 2015 |
| 25 | S. Vasundra *et.al* | CSE, JNTUACEA | Preserving trajectory privacy using personal data vault | International Research Journal of Engineering and Technology, Vol.2, Issue 04 July 2015 |
| 26 | S. Vasundra *et.al* | CSE, JNTUACEA | Handling Multiple K-Nearest Neighbor query verifications on road networks under Multiple Data Owners | International Research Journal of Engineering and Technology, Vol.2, Issue 04 July 2015 |
| 27 | S. Vasundra *et.al* | CSE, JNTUACEA | Analyzing spectral histograms of filter responses for accurate image segmentation | International Journal of Scientific Research in Computer Science Applications & Management, Vol. 4, issue 4, July 2015. |
| 28 | S. Vasundra *et.al* | CSE, JNTUACEA | Fuzzy logic based fault diagnosis system for wireless sensor networks | International Journal of Advanced Research in Computer Science and Software Engineering, Vol. 5, issue 7, July 2015. |
| 29 | S. Vasundra *et.al* | CSE, JNTUACEA | Trust and security management protocol for delay tolerant network using information centric network architecture | International Journal of Computer Science and Engineering, vol.3, issue 7, July 2015. |
| 30 | S. Vasundra *et.al* | CSE, JNTUACEA | Comparing probabilities of inequalities in dimension incomplete databases using index structure | International Journal of Computer Science and Engineering, vol.4, issue 7, July 2015. |
| 31 | S. Vasundra *et.al* | CSE, JNTUACEA | Distributed Intrusion Detection System for Resource Constrained devices in Networks | International Journal of Compute Science and Mobile Applications, Vol 3 Issue 7 Pg 8-15. |

| 32 | S. Vasundra *et.al* | CSE, JNTUACEA | To increase the bound of vertex cut in overlay relay routing nodes using dynamic threshold function | Journal of Network Communications and Emerging Technologies, vol. 3, issue 2, August 2015. |
|----|----|----|----|----|
| 33 | S. Vasundra *et.al* | CSE, JNTUACEA | Polarized gossiping for enhanced publish/subscribe services over the internet | International Journal of Advanced Research in Computer Engineering and Technology, Vol.4, issue-6, pp 3234-3239, July 2015. |
| 34 | C. Shoba Bindu | CSE, JNTUACEA | Assuring Integrity in Privacy Preserving Multi keyword Ranked Search over Encrypted Cloud Data | International Journal of Network Communications and Emerging Technologies ISSN: 2395-5317, volume 3, Issue 1, July 2015. |
| 35 | C. Shoba Bindu | CSE, JNTUACEA | Text Detection in Multi-Oriented Natural Scene Images | International Research Journal of Engineering and Technology (IRJET) ISSN: 2395-0072, Volume: 02 Issue: 04 July-2015 |
| 36 | C. Shoba Bindu | CSE, JNTUACEA | Enhancing Reliable Routing in Wireless Mesh Networks using Cross Layer Metrics | International Journal of Computer Networks and Wireless Communications (IJCNWC) ISSN: 2250-3501, Vol.5, No 4, August 2015 |
| 37 | A.P. Siva Kumar *et.al* | CSE, JNTUACEA | Improving Privacy Protection for Location Based Services | International Journal of Computer Science and Mobile Computing, , Vol.4, Issue.8, August-2015 |
| 38 | A.P.Siva Kumar *et.al* | CSE, JNTUACEA | Confidential and Leaked Query Resistant RASP Data Perturbation for Secured Querying on Cloud Data | International Journal of Advanced Research in Data Mining and Cloud Computing , Vol. 3 Issue 7, July -2015 |
| 39 | A.P.Siva Kumar *et.al* | CSE, JNTUACEA | Implementing the TOF Transformations for Workflows in the Multiple Cloud Environments | International journal of Computer Science and Engineering and Technology, Vol.5 Issue 8, Aug-2015 |
| 40 | A.P.Siva Kumar *et.al* | CSE, JNTUACEA | Handling Highly Frequent Network Updates For K Nearest Neighbor Query On Road Networks | International Journal of Computer Science & Engineering Technology (IJCSET), Vol. 6, No. 8, Aug 2015 |
| 41 | A.P.Siva Kumar *et.al* | CSE, JNTUACEA | A Multi-level Services for Scaling of Internet Applications in Cloud Services | International Research Journal Of Engineering And Technology (IRJET), Volume 2, Issue 5 August 2015 |
| 42 | A.P.Siva Kumar *et.al* | CSE, JNTUACEA | Thwarting Concealed Information by Sequential Clustering | International Journal of Advanced Research in Data Mining and Cloud Computing, Vol.3 Issue 8, August -2015 |
| 43 | K. F Bharthi *et.al* | CSE, JNTUACEA | Efficient Key Word Search Across Relational Databases | International Journal of Computer Science & Engineering Technology (IJCSET), Vol. 6, No. 7, July 2015. ISSN: 222933-45 |
| 44 | K. F Bharthi *et.al* | CSE, JNTUACEA | Minimizing the collaborations in PWS Using useless user protocol | International Journal of Scientific Engineering and Technology Research, Vol 4, Issue 21, July 2015. |

| 45 | K. Madhavi *et.al* | CSE, JNTUACEA | Preserving Privacy for access policies for secure data storage in clouds | International Journal of Computer Science & Engineering Technology (IJCSET), Vol. 6, No. 7, July 2015. ISSN: 222933-45 |
|----|----|----|----|----|
| 46 | K. Madhavi *et.al* | CSE, JNTUACEA | Cross layered congestion Tolerance for wireless Ad hoc networks | International Research Journal of Engineering and Technology (IRJET), Volume 2, Issue 5 August 2015. |
| 57 | G. Ramesh | CSE, JNTUACEA | Usability through Design and its Impact on Reusability | International Journal of Advanced Research in Computer Science, Vol. 6, Issue 6, July-August 2015. |
| 58 | V. Pandurangadu E. Jaya Kiran Reddy, C.N.V.Sridhar. | Mech.Engg., JNTUACEA | Knowledge Based Engineering : Nation, approaches and future trends | American journal of intelligent systems/DOI:10.5923/JAJIS.2015 0501.01/2015 |
| 59 | V.Pandurangadu, K. Palani Kumar | Mech. Engg., JNTUACEA | Machining parameter optimization in turning of GFRP composites by desirability function analysis embedded with taguchi method. | Inder science publishers IJMMM-93324/1742-7193/2015 |
| 60 | V.Pandurangadu, E. Jaya Kiran Reddy, C.N.V.Sridhar. | Mech. Engg., JNTUACEA | Knowledge-Based parametric modelling for bolts, nuts and bearings using solid works | International Journal of applied engineering research/1087-1090/Vol:10,6,PP.16111-16120. |
| 61 | V.Pandurangadu, V.Chandra Sekhar, T.Subba Rao | Mech. Engg., JNTUACEA | Chemical Analysis of Emu feather fiber reinforced epoxy composites | International Journal of Engineering research and application/2248-9622/Vol:5/7,(part-1)/2015/07 |
| 62 | V.Pandurangadu, V.Chandra Sekhar, S. Altaf Hussain, T.Subba Rao | Mech. Engg., JNTUACEA | Grey Relational analysis to determine optimum process parameters of Emu feather fiber reinforced epoxy composites | International Journal of engineering technology and advanced engineering/ISSU-22502459/Vol:5/2015/08 |
| 63 | V.Pandurangadu, Esanakula Jaya Kiran Reddy, C. N. V. Sridhar | Mech. Engg., JNTUACEA | Research and development of knowledge based intelligent designed system for bearings library construction using solid works | Springer international publishing Switzerland/DOI:10.1007/978-3-319-23258-4_27/2015 |
| 64 | M.L.S. Deva Kumar, J.Venkata subbamma, P.Sai Krishna Reddy. | Mech. Engg., JNTUACEA | Experimental Investigation of Hotspot Detection and Isolation In Shaded Photovoltaic cells | International Journal of Science and Research (IJSR ISSN ) online/ Issue 7/vol 4/2015/July |
| 65 | B.Chandra Mohan Reddy, P.Kullayappa. | Mech. Engg., JNTUACEA | A Review on Classical Shape Memory Alloys | The Journal of Material Science Photon 121(2015)/99-213 Review: 6259-3864 |
| 66 | N.Hiranmai, M.L.S.Devakumar | Mech. Engg., JNTUACEA | Effect of Turbulence on the Performance and Emission Characteristics of Diesel Engine Run With Safflower Oil Diesel Blends | International Journal of Science and Research (IJSR) ISSN (ONLINE):2319-7064 /Vol 4 Issue 6, 2015 |
| 67 | P.Anitha, M.L.S.Deva Kumar | Mech. Engg., JNTUACEA | Efficiency Enhancement of a Vacuum Absorption Machine in Chilled Water Plant | International Journal of Science and Research (IJSR) ISSN (ONLINE):2319-7064 /Vol 4 Issue 7, 2015 |
| 68 | Shiva Kumar Modi. B. Durga Prasad and Basavaraj, M. | Mech. Engg., JNTUACEA | An Experimental Study on Drying Kinetics of Guava Fruit (Psidium Guajava L) By Thin Layer Drying | IOSR Journal of Environmental Science, Toxicology and Food Technology, 9 (1), **2015**, 74 |
| 69 | C. Sreedhar, B. Durga Prasad | Mech. Engg., JNTUACEA | Performance Evaluation of Four - Stroke Single Cylinder DI Diesel Engine Using Different Blends of Diesel and Grape Seed Biodiesel | *International Journal of Engineering and Innovative Technology*", ISSN: 2277-3754, Vol. 4, Issue 11, **2015,** pp.255- |

| | | | | 260. |
|---|---|---|---|---|
| 70 | R. Ganapathi, B. Durga Prasad | Mech. Engg., JNTUACEA | The Effect of Turbocharging on Volumetric Efficiency in Low Heat Rejection C.I. Engine fuelled with Jatropha for Improved Performance | International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 IJERT V4IS030711, 4 (3),-2015. |
| 71 | R.Padma Suvarna | Physics Dept., JNTUACEA | Effect of annealing temperature on the electrical, structural and surface morphological properties of Ru/Ti Schottky contacts on n-type InP | Elsevier Superlattices and Microstructures in July, 2015 |
| 72 | R.Padma Suvarna | Physics Dept., JNTUACEA | Analysis of interface state density and series resistance on electrical characteristics of Ru/Ti/n-InP Schottky barrier diodes | Int.J.New Techno.In Sci & Engg in August, 2 (2015). Pp. 218-228. |
| 73 | A.Saila kumari | Mathematics, JNTUA CEA | Effects of Viscosity Variation On Squeeze Film Characteristics Of Long journal Bearing With Non-Newtonian Fluids. | Conference on Mathematical Sciences (ICMS – 2015), Sri Venkateswara University, Tirupati. 13th July 2015 TO 15th July 2015 |
| 74 | D.Vishnu Vardhan | ECE, JNTUACEP | A Sovereign EBB Detection and Alerting System Based on Mobile Omnipresent Computing | International Journal of Innovative Research in Science & Engineering (IJIRSE), vol. 3, Issue 7, July 2015. |
| 75 | D.Vishnu Vardhan | ECE, JNTUACEP | Efficient Clothing Pattern Recognition for Blind People Using SVM Classifier | International Journal of Science And Research (IJSR), vol. 3, Issue 6, July 2015. |
| 76 | D.Vishnu Vardhan | ECE, JNTUACEP | Wireless Network Sensors for Precise Agriculture Monitoring | International Journal of Innovative Research in Science & Engineering (IJIRSE), Vol. 3, Issue 6, July 2015 |
| 77 | Niranjan Panda, A. Venkateshwar Reddy, G.V.Subba Reddy and Afreen Kauser | Chemistry, JNTUA CEP | A theoretical prospective of bilayer matrix tablets | Journal of Global Trends in Pharmaceutical Sciences, 6(2), 2650– 2665, 2015 |
| 78 | Niranjan panda, A. Fshan sultana, A. Venkateswar reddyand and G.V. Subba reddy | Chemistry, JNTUA CEP | Formulation design and *in vitro* evaluation of bilayer sustained release matrix tablets of doxofylline | International Journal of Pharmacy and Pharmaceutical Sciences, 7(10), 74-83, 2015 |
| 79 | Niranjan Panda, Atla Venkateshwar Reddy, G.V. Subba Reddy, Kanhu Charan Panda | Chemistry, JNTUA CEP | Effect of different grades of HPMC and Eudragit on drug release profile of Doxofylline sustained release matrix tablets and IVIVC studies | International Research Journal of Pharmacy, 6(8), 493-504, 2015 |
| 80 | N.Sandhya Rani, G.V.Subbareddy, K.N.Jayaveeera,and L.K.Ravindranath | Chemistry, JNTUA CEP | Synthesis,characterization, biological evaluation and docking studies of organo phosphorous pyrazole5-one derivatives of Isatine Mannich bases derivatives of sortase A staphylococcus inhibitors | J. Der Pharma Chemica, 7(7),161-173, 2015 |
| 81 | Niranjan Panda, Afshan Sultana, A Venkateswar Reddy, G. V. Subba Reddy and M.S.Ansari | Chemistry, JNTUA CEP | Formulation Design and Study the effect of Polyplasdone-XL and AC-Di-Sol on Release Profile of Doxofylline Immediate Release Tablets | Int. J. Pharm. Sci. Rev. Res., 32(2), Article No. 13, 67-76 , 2015 |
| 82 | Niranjan Panda, Afshan Sultana, A Venkateswar Reddy, and G. V. Subba | Chemistry, JNTUA CEP | Formulation design and in-vitro evaluation of Zolmitriptan gastroretensive floating matrix tablets for management of migraine | Intenational Journal of Pharmaceutical Science and Research, Vol. 6(9): 1000-12, |

| S. No. | Authors | Dept., College | Title of the paper | | Journal |
|---|---|---|---|---|---|
| | Reddy | | | | 2015 |
| 83 | R. Manjula | English, JNTUACEA | *The New Woman In Tagore's Binodini* | | ***Reflections of English Language and Literature*** August-2015 PageNo-19-21 |
| 84 | M Murali Naik and Meda Kalyan Kumar | Chemical Engg., JNTUACEA | Comparative studies of removal of hexavalent chromium Cr(VI) from wastewater using natural adsorbents prepared from neem leaves and sawdust. | | International Journal of Engineering Research and Technology (IJERT) ISSN: 2278-0181, Volume 4, Issue 9, September 2015. pages 874-879. |

**Publications in Conferences**

| S. No. | Authors | Dept., College | Conference | Title of the paper | Held at | Period |
|---|---|---|---|---|---|---|
| 1 | A. Ananda Rao et.al., | CSE, JNTUACEA | Proceeding of International Conference on Computing (NECICC-2K15) | Advanced Technology in Kannada to Telugu Translation by Using Transfer Based Method: An Accurate Approach | Department of CSE, Narasaraopet Engineering College, Narasaraopet | 13th & 14th August 2015. |
| 2 | A. Ananda Rao et.al., | CSE, JNTUACEA | Proceeding of International Conference on Computing (NECICC-2K15) | Evaluation of Cost and Effort Indicators for Combined Selection of MBT Technique | Department of CSE, Narasaraopet Engineering College, Narasaraopet | 13th & 14th August 2015. |
| 3 | A. Ananda Rao et.al., | CSE, JNTUACEA | Proceeding of International Conference on Computing (NECICC-2K15) | An Objective Based Approach to Bug Report Summarization | Department of CSE, Narasaraopet Engineering College, Narasaraopet | 13th & 14th August 2015. |
| 4 | C. Shoba Bindu | CSE, JNTUACEA | 2nd International Conference on Computer and Communication Technologies(I C3T 2015) | Improving Performance Of Wireless Mesh Networks Through User Association Method | CMR Technical Campus, Hyderabad | July 24-26, 2015 |
| 5 | C. Shoba Bindu | CSE, JNTUACEA | 2nd International Conference on Computer and Communication Technologies (IC3T 2015) | Uncertain Rule based fuzzy logic QoS trust model in MANETs | IIT Madras | 18th to 20th September 2015. |
| 6 | A. Ananda Rao | CSE, JNTUACEA | Indian Conference on Signal and Image Processing | Data Driven Approaches for Pronunciation Adaptation Modeling in ASR systems | Nanded, India | 10-11 July c2015. |
| 7 | C. Shoba Bindu et.al | CSE, JNTUACEA | National Conference on Recent Innovations in Computer Networks | A Novel Framework for Error Checking in UML and UML to XML Conversion | JNTUA CEA | August 21- 22, 2015 |

| | | | ISBN: 978-93-83635-90-0 | | |
|---|---|---|---|---|---|
| 8 | C. Shoba Bindu et.al., | CSE, JNTUACEA | National Conference on Recent Innovations in Computer Networks ISBN: 978-93-83635-90-0 | Providing Signer Information through Traceability in Public Auditing for Shared Data in Cloud | JNTUA CEA | August 21- 22, 2015 |
| 9 | C. Shoba Bindu et.al., | CSE, JNTUACEA | National Conference on Recent Innovations in Computer Networks ISBN: 978-93-83635-90-0 | A Survey on Routing Metrics for Reliable Routing in Wireless Mesh Networks | JNTUA CEA | August 21- 22, 2015 |
| 10 | C. Shoba Bindu et.al., | CSE, JNTUACEA | National Conference on Recent Innovations in Computer Networks ISBN: 978-93-83635-90-0 | Dynamic Query form Generation for Real World Databases | JNTUA CEA | August 21- 22, 2015 |
| 11 | K. F. Bharathi et.al., | CSE, JNTUACEA | National Conference on Recent Innovations in Computer Networks ISBN: 978-93-83635-90-0 | Using Correlation Measure for Retrieving Relevant Results in Keyword Search Over Relational Databases | JNTUA CEA | August 21- 22, 2015 |
| 12 | K. Madhavi et.al., | CSE, JNTUACEA | National Conference on Recent Innovations in Computer Networks ISBN: 978-93-83635-90-0 | An Efficient and Secure Data Retrieval System using CP-ABE for DTNs | JNTUA CEA | August 21- 22, 2015 |
| 13 | K.F. Bharathi et.al., | CSE, JNTUACEA | National Conference on Recent Innovations in Computer Networks ISBN: 978-93-83635-90-0 | Image Reconstruction Through Its Projected Views by Using Discrete Fourier Slice Theorem | JNTUA CEA | August 21- 22, 2015 |
| 14 | K.F. Bharathi et.al., | CSE, JNTUACEA | National Conference on Recent Innovations in Computer Networks ISBN: 978-93- | An Empirical Model of Regression Testing using Hybrid Criteria | JNTUA CEA | August 21- 22, 2015 |

| | | | 83635-90-0 | | | |
|---|---|---|---|---|---|---|
| 15 | K. Madhavi et.al., | CSE, JNTUACEA | National Conference on Recent Innovations in Computer Networks ISBN: 978-93-83635-90-0 | Cross Layered Clogging Handling and Congestion Tolerance for Wireless AD HOC Networks | JNTUA CEA | August 21- 22, 2015 |
| 16 | K. Madhavi et.al., | CSE, JNTUACEA | National Conference on Recent Innovations in Computer Networks ISBN: 978-93-83635-90-0 | Energy Efficient Secure Aggregation Technique in Wireless Sensor Network | JNTUA CEA | August 21- 22, 2015 |
| 17 | K.Madhavi et.al., | CSE, JNTUACEA | National Conference on Recent Innovations in Computer Networks ISBN: 978-93-83635-90-0 | Aggregated Pedestrian Fatality Data for Spatial Activity Summarization based on Distance Measure | JNTUA CEA | August 21- 22, 2015 |
| 18 | V. Venugopal Reddy | Mech. Engg., JNTUACEP | Indian Technology Congress – 2015 | Optimization of Buffer Allocation in CONWIP based JIT Manufacturing System using SOS Algorithm | NIMHANS Convention Center Banglore | 29-30th July 2015 |
| 19 | V. Venugopal Reddy | Mech. Engg., JNTUACEP | Indian Technology Congress – 2015 | Development of Robot Simulation Program for Polishing Shrouded 3D Impeller | NIMHANS Convention Center Banglore | 29-30th July 2015 |
| 20 | V. Venugopal Reddy | Mech. Engg., JNTUACEP | Indian Technology Congress – 2015 | Optimization of Machining Parameters for MRR and Surface Roughness by using Response Surface Methodology and Grey TAGUCHI Technique on Electric Discharge Machine | NIMHANS Convention Center Banglore | 29-30th July 2015 |
| 21 | V. Venugopal Reddy | Mech. Engg., JNTUACEP | Indian Technology Congress – 2015 | Optimization of Cutting Parameters for Surface Roughness and MRR by using Grey Based Taguchi Method on CNC Turning Machine | NIMHANS Convention Center Banglore | 29-30th July 2015 |

| 22 | D.R. Srinivasan | Mech. Engg., JNTUACEP | Indian Technology Congress – 2015 | Effect on Optimization of Cutting Parameter in EDM using RSM Method | NIMHANS Convention Center Banglore | 29-30th July 2015 |
|----|----|----|----|----|----|----|
| 23 | Y. Rameswara Reddy | Mech. Engg., JNTUACEP | Indian Technology Congress – 2015 | Fracture Analysis of Femur Bone and Selection of Implant Material for Double Plate System | NIMHANS Convention Center Banglore | 29-30th July 2015 |
| 24 | Y. Rameswara Reddy | Mech. Engg., JNTUACEP | Indian Technology Congress – 2015 | Static and Modal Analysis of Gearbox Casing using Catia and Ansys Workbench | NIMHANS Convention Center Banglore | 29-30th July 2015 |
| 25 | R. Vishnu Vardhan Reddy | Mech. Engg., JNTUACEP | Indian Technology Congress – 2015 | Modeling and Analysis of Functionally Graded Material for Disc Plate under Mechanical Loads | NIMHANS Convention Center Banglore | 29-30th July 2015 |
| 30 | K.Sesha Maheswaramma | JNTUACEP | 17th International Conference on Biological Inorganic Chemistry | Remarkable anticancer activity of ternary copper (II) and oxovanadium(IV) complexes in red light with low dark toxicity | Chinese National Academy of Science, Beizing, China | July 20-24,2015. |
| 31 | R.Manjula | Humanities, JNTUACEA | National Seminar on Innovative and creative Teaching Learning & Evaluation Methods. | *Literature &Human values* | SVGM Govt. DegreeCollege, Kalyandurg. | 07 August-2015 |

## Other Activities

## 69th Independence Day Celebrations at JNTUA

 69th Independence Day celebrations were held at JNTUA on 15th August 2015. Hon'ble Vice Chancellor i/c Prof. H. Sudarsana Rao garlanded the portraits of Mahatma Gandhi, Jawaharlal Nehru and B.R. Ambedkar at the Administrative building of the University and paid tributes to the National leaders. Later, he received a guard of honor from N.C.C Cadets after hoisting the National flag. Registrar, Directors of the University, Principals, staff and students attended the event.

## Freshers' Day-2015 at JNTUA CEA

JNTUA CEA organized the Freshers' Day 2015 on 22.08.2015. Various Sports and Games were conducted for the freshers' and prizes were distributed to the winners in the function held at Auditorium. Freshers' have participated in the various cultural events. Hon'ble Vice-Chancellor i/c Prof. H. Sudarsana Rao was the Chief Guest of the function.



## Foreign Students at JNTUA CEA

➤ 12 Foreign National students joined in various B.Tech./ MBA/ M.Tech. courses from Bangladesh at JNTUA CEA, 6 students from Sri Lanka joined in various UG courses at JNTUA CEA.

## Sports Activities

➤ 7th Physical Directors' General Body meeting was held on 10.07.2015
➤ JNTUA Sports Council Meeting was held on 24.07.2015

## Yuvatharangam

National Service Scheme (NSS) Cell, JNTUA organized University Level Literary and Cultural competitions at JNTUA campus on 30.09.2015. Govt. of Andhra Pradesh directed all the Colleges and Universities to conduct competitions in various events related to literary and cultural talents. The following is the list of winners of various events. Quiz: K.Lokesh, K.Suresh Kumar, G.Santhosh Kumar Reddy (JNTUACEA);Essay Writing (English):V.R.Rajasree (JNTUACEA); Essay Writing (Telugu):G.Suresh (JNTUACEA); Elocution(English) : R. Krishna Chaitanya (JNTUACEA); Elocution(Telugu):M.Srihari (JNTUACEA); Spot Painting : B. Yoga Sai Praneeth Raj (JNTUACEA); ChukkalaMuggu: G.Rajeswari (JNTUACEA); Classical Dance(Solo):U.Shraddha (JNTUACEA); Group Dance:K.Ayesha, M.Shrutisri, S.Mamatha, P.Himabindu, P.Harshini, S.Sravani, K.Meena, S.Mounika (OTRI, JNTUA). Prof. H.Sudarsana Rao Vice Chancellor i/c, Prof. S. Krishaniah Registrar appreciated the winners of the events. Prof. M.L.S.Deva Kumar NSS Programme Co-ordinator JNTUA, Dr.B.ChandraMohana Reddy NSS PO, Lt.S.Sharada NSS PO, Sri. B.Dilip Kumar NSS PO organized the event. Prof. E.Keshava Reddy acted as JUDGE for the cultural events.

## Inauguration of Texas Instruments Centre of Excellence at JNTUA CEP

Hon'ble Vice – Chancellor (I/C) of JNTUniversity Anantapur inaugurated Texas Instruments Centre of Excellence at ECE Department of JNTUA College of Engineering Pulivendula on 04.09.2015 (F.N). Texas instruments have provided the latest equipments worth Rs. 10,00,000/- (Ten lakhs only) for establishing a Centre of Excellence in order to bridge gap between industry and academia. Principal, Vice - Principal, Heads of the Department, Teaching & Non – teaching Staff, Engineering Section Staff attended the function.



## Silver Jubilee Alumni Meeting of 1986-90Batch

Alumni of 1986-90 had a Silver Jubilee meet on 3.08.2015. Sri Madhusudhan Reddy, IG, was one of the prominent persons who attended along with his batch mates. Prof. S. Krishnaiah, Registrar, JNTUA, Sri Rajasekhar Babu, SP, attended the programme. The Alumni members felicitated their teachers during the meet.



## Re-union meeting of Alumni of 1981-85 Batch



Alumni of 1981-85 batch had a reunion meeting on 08.08.2015. The i/c V.C. Prof. H. Sudarsana Rao was the Chief Guest to the inaugural function. On this occasion, he stated that in the year 2020-21the College would be celebrating **PlatinumJubilee** and he requested them to attend the function.

## News from Affiliated colleges

## Workshops Organized:

- Department of CSE, GPREC organized a one-day National Level Workshop on **"Awareness on NPTEL"** on 19th September 2015. Dr. Pratap Haridoss, Professor of Chemical Engineering, IIT Madras and Dr. Andrew Thangaraj, Professor of EEE, IIT Madras were the Chief Guests at the Inaugural Function. Around 121 faculty members participated in the workhop.

- Department of EEE, MITS organized a Three-Day National Seminar on **"Challenges, Approaches and Practical Implementation of Microgrids"**, supported by Science and Engineering Board, Department of Science and Technology (DST), New Delhi during $28^{th}$ – $30^{th}$ September, 2015. Prof. P.S. Nagendra Rao, Dept. of Electrical Engineering, IISc, Bangalore was the Chief Guest for the programme.

- Department of MBA, MITS organized a Four-day National Workshop on "Business Analytics – Tools, Techniques, and Applications", during 30th July to 2nd August, 2015.

- Department of MBA,MITS **Organized a** work shop on '*Financial Education*'by SEBI Empanelled Resource Person - Dr. Mohd. Mujahed Ali, for the MBA students to deliberate on the concept of thrift and savings among students.

- Dept. of Pharmaceutics, Raghavendra Institute of Pharmaceutical Education and Research, organized a two-day workshop on "Analytical Quality by Design (AQBD): Industrial Perspective", during $1^{st}$-$2^{nd}$ August 2015. Prof.K.Bhadrayya was the speaker for the workshop.

- Dept. of Chemistry, Raghavendra Institute of Pharmaceutical Education and Research (RIPER) in association with Royal Society of Chemistry (London)-Deccan section organized a one-day National Seminar on "CAREER IN PHARMACEUTICAL SCIENCES" held on 1st August 2015.Prof.V.Peesapati was the chair person for the Seminar.

- Department of ECE, G.Pullaiah College of Engineering and Technology organized a one-day FDP on "Advances in Communication systems", on $6^{th}$ Sep 2015. The Resource person for the programme was Dr.K.Rama Naidu, Professor, ECE Department, JNTUCAE, Ananthapuram.

- Department of ECE, G.Pullaiah College of Engineering and Technology conducted a Two-Day workshop on "**PCB Design and Fabrication"** for III B.Tech I Sem students on $21^{st}$& $22^{nd}$ Sep 2015 under IEI and ISTE student chapters in association with ARMTRONICS, Hyderabad.

- Department of ECE, G.Pullaiah College of Engineering and Technology conducted a Three-Day workshop on "**Embedded System Design and Applications"** for IV B.Tech I Sem students on $30^{th}$ July to $1^{st}$ Aug 2015 under IEI and ISTE student chapters in association with Embedded RF Technologies, Hyderabad.

- Department of CSE,G.Pullaiah College of Engineering and Technology a one day National Level Student Workshop on ETHICAL HACKING on $9^{th}$ October 2015.

- Sree Vidyanikethan College of Pharmacy, Tirupati organized a DBT sponsored National Seminar on "Drug discovery and Nanobiotechnology: Challenges and opportunities" during $3^{rd}$ and $4^{th}$ of September, 2015. Dr. C.V.S. Subramanyam, Principal, Gokaraju Rangaraju College of Pharmacy, Hyderabad, Dr. V. Ganesh Venkatraman, Professor, SRMC, Chennai, Dr. T.N.K.V. Prasad, Senior Scientist, ANG Ranga Agricultural University, Tirupati and Dr. D.V.R. Saigopal,Professor, Sri Venkateshwara University, Tirupati were the resource persons. The speakers enthralled the gathering with their expertise in nanobiotechnology. Around 600 students participated in the seminar. The scientific session witnessed 27 oral presentations and 128 poster presentations.

- Venkateswara College of Pharmacy, RVS Nagar, Chittoor had organized a One-Day National Seminar on *"Alternative to Animal Use in Research, Education and Toxicity Investigations"* (ARETI-2k15) sponsored by ICMR, New Delhi on $22^{nd}$ September 2015. About 330 students and 50 teachers participated in this Seminar. The eminent speakers of the plenary sessions were Prof. Md. A. Akbarsha, Director of Mahatma Gandhi-Doerenkamp Center (MGDC), Bharathidasan University, Tiruchirapalli, Dr.C.R.Patil, Professor, RC Patel Institute of Pharmaceutical Education & Research, Shirpur, Dr.R.Raveendran, Professor of Pharmacology, JIPMER, Pondicherry, and Dr.K.Bhaskar Reddy, Principal, SVCP and Dean R&D, Sri Venkateswara Group of Educational Institutions (SVGEI) enlightened deliberations upon the ways to reduce and replace animals in experiments. Mr. R. V. Srinivas, Vice Chairman, SVCP, Dr.Gopi Chand, Director, RVS Hospitals were also present.

- Siddharh Institute of Engineering & technology, Puttur, Department of Mechanical Engineering organized a Two-day work shop on "**Robotics**" on 7.10.2015 & 8.10.2015.

- Department of Mechanical Engineering, St. Johns College of Engineering & Technology organized a one-week Faculty development programme on '**Finite Element Methods'** during **10th to 16th July 2015.** Speaker: Dr. Mithun V Kulkarni, Renowned Expert from Sambhram Group of Institutions, Bangalore.

## Guest Lectures

- Dept of Electrical and Electronics Engineering, G.Pulla Reddy Engineering College, Kurnool organized a Guest Lecture on "Engineering – Nitty-Gritty" by Sri N. Santhosh Datta, Project Manager, Business & Solutions, Robert Bosch, Bangalore on 22/09/2015.
- IEEE Women Chapter of GPREC conducted a guest lecture on "Women Empowerment" by Ms Vijaya Bharathi, Head of NIRD (National Institute of Rural Development) on 15.10.2015.
- Raghavendra Institute of Pharmaceutical Education and Research organized a guest lecture on "**Recent trends in Pharmaceutical Sciences**" by **Dr. M. Gopal Rao of SRIPMS, Coimbatore**, on 25.07.2015.
- Raghavendra Institute of Pharmaceutical Education and Research organized a guest lecture on "**Career opportunities for Pharmacy Students**" **by Mr. Upendranath, of Avantsante, Hyderabad**, on 27.07.2015.
- Raghavendra Institute of Pharmaceutical Education and Research organized a guest lecture on "**Docking – Chemistry"by Dr. S.Janardhan, of IICT, Hyderabad**, on 31.07.2015.
- Raghavendra Institute of Pharmaceutical Education and Research organized a guest lecture on "**Pharmacist Career in USA"by Dr. M. Chandra Sekhar, of Ohio State**, **Findlay University, USA**, on 06.08.2015.
- Sree Vidyanikethan College of Pharmacy, Tirupati organized a Guest Lecture on "Scope and Opportunities in Pharmacovigilence" by Mr. Naveen Kosuru,Pharmacovigilence Scientist, Tata Consultancy Services, Mumbai on 20/08/2015.
- The Department of CSE, MITS & Dean-IIIC, organized an Expert lecture on **"The Art of Co-relating Technologies"**byMr.T.K.Venkataraghavan, Founder and CEO of Nischintha Technologies, Bangalore on July 22, 2015.
- Department of CSE, Siddharth Institute of Engineering & Technology, Puttur, organized a one-day workshop on **Big data Analytics on** 22 August 2015. Resource person for the programme was Mr.**Venkata Babji Sama**.
- Department of CSE, Siddharth Institute of Engineering & Technology, Puttur, organized one day workshop on **Complier Design** during 31 August 2015**.** Resource person for the programme was Prof.**K.SubbaReddy**.
- Siddharh Institute of Engineering & Technology, Puttur, Department of Mechanical Engineering organized a Guest Lecture on" **Non convectional energy Sources**" on 28.08.2015.
- Siddharh Institute of Engineering & Technology, Puttur, Department of Mechanical Engineering organized a Seminar on "**Non Destructive testing Methods**" on 4.9.2015.

## Workshops/Conferences /FDPs/ Attended

| S.No. | Name of Faculty | Dept.& College | Workshop/Conferences | Held at | Period From - To |
|---|---|---|---|---|---|
| 1 | U.Veeresh | CSE, GPCET | Indian Technology Congress | Bangalore | 29 /07/ 2015 to 31/07/ 2015. |
| 2 | S.L. PRATHAPA REDDY | ECE & KORMCE | State Holders Workshop for Discussion on Aicte Approval Process 2016-17. | Chennai | 11-09-2015 |
| 3 | Dr. A.Saravanakumar, Dr. G.Swarna Latha, Mrs. R.Gandhimathi, Dr.I.Sowkar baig, Mr. Audinarayana.N, Mr. D.K.Sandeep, Ms. Vanitha C, & Mrs. G. | Pharmacy, Sri Venkateswara College of Pharmacy Chittoor | DBT sponsored National seminar on "Drug Discovery and Nano biotechnology: Challenges and Opportunities" | Sree Vidyanikethan College of Pharmacy Tirupati. | Sep 3rd - 4th 2015 |

| | | | | | |
|---|---|---|---|---|---|
| | Neelima | | | | |
| 3 | Dr. C. Kamal Basha | EEE, MITS | workshop on ABET Accreditation and Program Assessment | Chennai | 28th Sep 2015 |
| 4 | Dr. K. Ramesh | EEE, MITS | workshop on ABET Accreditation and Program Assessment | Chennai | 28th Sep 2015 |
| 5 | Dr. Rajendraprasad Narne | EEE, MITS | Orientation Session on "Siemens Centres of Excellence (COE) Clusters in AP" | Sri City Business Centre, Sri City | 27th Aug 2015 |
| 6 | Mr. M. Lokanatha & Ms. A.Chandrakala | EEE, MITS | One-day workshop on "Power Systems Simulation Laboratory using MiPower Software" | Hotel Fortune Kences, Tirupathi | 7th Aug 2015 |
| 7 | Y.C.A. Padmanabha Reddy | CSE, MITS | Workshop-Data Analytics Organized by Education APSSDC | Hyderabad | 3rd Aug 2015 |
| 8 | Y.C.A. Padmanabha Reddy | CSE, MITS | Workshop-NSQF(National Skill Qualification Framework) | Hyderabad | 23rd Sep 2015 |
| 9 | Dr. M. Chittaranjan | Civil, MITS | One Day National work shop on "Evaluation of Soil Parameters for Numerical Modelling" | IIT Madras, Chennai | 4th July 2015 |
| 10 | Dr. B. Eswar Kumar | ME, MITS | Integrating Projects and Design in Core Engineering Courses | BMS College of Engineering, Bangalore | 20th July 2015 |
| 11 | Mr. P. Ramesh Reddy | Mathematics MITS | Management Capacity Enhancement Programme for Administrators | IIM Lucknow, Noida Campus | 27th - 31st July 2015 |
| 12 | Dr. R. Thulasiram Naidu | Humanities, MITS | Child Rights and Business Principles | Coimbatore | 17 July 2015 |
| 13 | Dr. Mohd. Mujahed Ali | MBA, MITS | Contemporary Issues and Challenges in International Financial Markets | Warangal | 22nd -23rd July 2015 |
| 14 | Dr. P. Venkateswarlu | English, MITS | IELTS, Train the Trainer | Chennai | 29 - 31 July 2015 |
| 15 | S.M. Farooq | CSE, MITS | Ten Day Faculty Development Program on DBMS | NIT Warangal | 17 - 27 Aug 2015 |
| 16 | Sai Kumar V | ECE, MITS | Management Capacity Enhancement Programme for Administrators | IIM Lucknow | 24th - 28th Aug 2015 |
| 17 | Dr. Ch.Rama Prasada Rao | MITS | Siemens Centres of Excellence (COE) Clusters in AP | Sri City Business Centre | 27 Aug 2015 |
| 18 | Dr. R. Varadarajan | MBA, MITS | Employability Enhancement Program - Phase IData Analytics – Round II | APSSDC & SSC & NASSCOM, HITEC, Hyd. | 3rd Sep 2015 |
| 19 | Mrs. A. Komala | CSE, MITS | Management Capacity Enhancement Programme | IIM Udaipur, Udaipur | 7th - 12th Sep 2015 |
| 20 | Dr. Y. ChVenkateswarulu&Mr J T Pramod | ECE, MITS | NPTEL | NPTEL & IIT Madras | 19th Sep 2015 |
| 21 | Dr.V.Sreedhar | Balaji College of Pharmacy, ATP | Pharmacy Practice Module Advanced Learning Series 7-(Repeat) "oncology" | JSS Hospital, Mysore. | 26-28 September, 2015. |

# Publications of Affiliated Colleges

| S. No. | Authors | Dept. & College | Paper Title | Published in / Issue No./ Vol. No./Year/Month/Pages |
|---|---|---|---|---|
| | | | **Publications in Journals** | |
| 1 | Sai Kiran, A.Pradeep Kumar Yadav | EEE, GPREC | Design of an Improved High Power factor Buck PFC Converter | Int. Journal of Innovative TechnologiesVol. 3, Issue-8, pp.1483-1487, July-2015 ISSN:2321-8665 |
| 2 | Suresh Kumar, Amarnath Naidu | EEE, GPREC | ZCS Phase shift PWM Full-Bridge DC-DC Converter with simple Auxillary Circuits | Int. Journal of Innovative Technologies Vol. 3, Issue-7, pp.1283-1288, August-2015 ISSN:2321-8665 |
| 3 | K.Hema Gowtami, V.Anantha Lakshmi, G.Sateesh | EEE, GPREC | Random PWM Based Open End Winding Induction motor Drive | IJAICT Volume-2, Issue-5, pp. 1020-1025, Sept. 2015 ISSN: 2348-9928 DOI:10.10401/Ijaict..2015.05.05 |
| 4 | B. Vimala, Y.V.Siva Reddy | EEE, GPREC | Reduction of common mode voltage in three phase grid connected converters through novel PWM Techniques | IJAICT Volume-2, Issue-5, pp. 1026-1032, Sept. 2015 ISSN: 2348-9928 DOI:10.10401/Ijaict..2015.05.06 |
| 5 | C.Kalpa Latha | EEE, GPREC | Reduction of common mode voltage in Open End Winding Induction motor Drive using carrier phase shift strategy | IJAICT Volume-2, Issue-5, pp. 1033-1039, Sept. 2015 ISSN: 2348-9928 DOI:10.10401/Ijaict..2015.05.07 |
| 6 | B.Veenavani, G. Satheesh, G.Kishor, R.Ram Prasad | EEE, GPREC | Space Vector Based Transistor-Clamped Cascaded Multilevel Inverter | IJAICT Volume-2, Issue-5, pp. 1001-1007, Sept. 2015 ISSN: 2348-9928 DOI:10.10401/Ijaict..2015.05.02 |
| 7 | K.Basava Rajeswari, G.Sreenivasa Reddy, G.Sateesh, G.Kishore | EEE, GPREC | Modified Three Phase VSI With Generalised Pulse Width Modulation | IJAICT Volume-2, Issue-5, pp. 1008-1012, Sept. 2015 ISSN: 2348-9928 DOI:10.10401/Ijaict..2015.05.10 |
| 8 | Devendra Kumar, Abid Nayeemuddin | EEE, GPREC | Design of Multilevel DC-Link Inverter and Control Algorithm to overcome the partial shading of PV Cells | International Journal of Scientific Engineering and Technology Research Vol.4, Issue 36, PP.7805-7809, Sept.2015 ISSN 2319-8885 |
| 9 | V.Rajashekhar Varma ,Abid Nayeemuddin.M | EEE, GPREC | A novel hybrid random PWM for VSI fed induction motor drive | International Journal of Engineering Research- Vol.3.,Issue.5., 2015 (Sept.-Oct.)pp.159-164 2321-7758 |
| 10 | M.Ravi Kumar, K.Subhashini and Y.Ramesh Babu | GPREC | Cost-Effective Optimum Design of Series Redundant System with Common Causes Failures and Fault Coverage | Journal of Computer and Mathematical Sciences, Issue 9,Vol.6,2015,Sep,473-476 |
| 11 | M.Siva Shankar Reddy & V.Raghavendra | GPREC | Effect of Radiation on Unsteady Convective Heat Transfer Flow of A Viscous Electrically Conducting Fluid in | International Journal of Scientific and Innovative Mathematical Research, Issue 1,Vol.3,2015, |

| | | | | a Vertical Channel with Quadratic Density-Temperature Variation | July, 349-358 |
|---|---|---|---|---|---|
| 12 | N Kasiviswanath | CSE, GPREC | An Integrated Framework to Protect Sensitive Information from Authorized Users | International Advanced Research Journal in Science, Engineering and Technology, Vol.2 Issue 7 July 2015, pp: 26-27 |
| 13 | R. Praveen Sam | CSE, GPREC | Post Disaster MANET communication using Smart Phones | International Journal of Engineering Research Online (IJOER), Vol. 3, Issue 5, Sep-2015, pp 26-29 |
| 14 | R. Praveen Sam | CSE, GPREC | Disaster Management using MANET with Smart Phones | International Journal of Engineering Research Online (IJOER), Vol. 3, Issue 4, July-Aug 2015, pp 376-380 |
| 15 | R. Praveen Sam | CSE, GPREC | MANET Testbed for Rescue Operations in Disaster Management | International Journal of Computer Science and Mobile Computing (IJCSMC), Vol. 4, Issue 7, July 2015, pp 432-437 |
| 16 | R. Praveen Sam | CSE, GPREC | Secured Collaborative Environment for accessing Big Data | International Journal of Algorithms Design and Analysis (IJADA), Vol. 1, Issue 1, July 2015, pp 1-6 |
| 17 | K. Ishthaq Ahamed | CSE, GPREC | Improve the efficiency of high dimensional data by using FAST and Feature subsent selection algorithm | International Journal of Computer Scheme and Mobile Computing Vol. 4, Issue 7,July 2015, pp: 161-166 |
| 18 | Ishthaq Ahamed | CSE, GPREC | Plan and Implementation of new super resolution algorithm using repaiting | International Journal of Computer Scheme and Mobile Computing Vol 4, Issue 7,July 2015, pp: 32-35 |
| 19 | G Vijaya Kumar | CSE, GPREC | An Analysis of various routing metrics to enhance an efficient routing phenomenon in Wireless Mesh Networks | International Journal of Computer Networks and Wireless Communications (IJCNWC), Vol.5, No 4, August 2015. |
| 20 | Y. Rama Mohan | CSE, GPREC | Mining of big data sets on HADOOP | IJMETMR Vol. 2,Issue 7, July-2015, pp:1218-1222 |
| 21 | M. Padma S. Aarthi | CSE, GPREC | Security and Dependable Distributed Storage Services | International Journal of Engineering And Management Research(IJEMR) Vol-5, Issue-3,July-2015, ppno:558-562 |
| 22 | M. Padma S. Aarthi B. Kiranmayee | CSE, GPREC | Methodology for Secured Routing and Intrusion detection in Wireless Mesh Network | IJRITCC Vol.No:3, Issue No:7, July-2015, PP: 4455-4462. |
| 23 | P.N.V.S. Pavan Kumar | CSE, GPREC | A UPS Framework for Providing Privacy Protection in Personalized Web Search | IJIRSET VOL 4,ISSUE 7,July-2015, pp: 6186 to 6190 |
| 24 | M. Lakshmi Neelima | CSE, GPREC | Big data: An emerging Technology | IJARCSA VOL-3,ISSUE-7, July-2015, pp11-14 |
| 25 | P. Abdul Khayum | ECE, GPREC. | A Novel Approach For Medical Image Fusion Based on NSCT Theory | International Journal of Engineering and Computer Science ISSN: 2319-7242, Volume 4 Issue 8 Aug 2015, Page No. 13664-13670 |
| 26 | M. Devendra | ECE, | Clock Gating Based Low Power ALU | International Journal of Science |

| | | | | |
|---|---|---|---|---|
| | | GPREC. | Design | and Research (IJSR) ISSN : 2319-7064 Vol. 4 Issue 8, August 2015 |
| 27 | D.R. Srinivas | ECE, GPREC. | Space Time Block Codes With Spatial Modulation | International Journal of Engineering and Computer Science ISSN: 2319-7242, Volume 4 Issue 8 Aug 2015, Page No. 13791-13799 |
| 28 | G.V.R.Sagar | ECE, GPREC. | Low-Power Pulse Triggered Flip Flip-Flop Design with Conditional Pulse Enhancement Method | IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Vol. 5, Issue 4, Ver. I (Jul - Aug. 2015), PP 49-56 |
| 29 | T.Thammi Reddy | ECE, GPREC. | VHDL Implementation of Audio Processing Using Adaptive Filter | International Journal of Science, Engineering and Technology Research (IJSETR), Volume 4, Issue 8, August-2015 |
| 30 | T.Thammi Reddy | ECE, GPREC. | Implementation of High Speed MDC FFT/IFFT Processor for MIMO-OFDM Systems | International Journal of Scientific Engineering and Technology research ISSN 2319-8885,Vol.04,Issue.25, July-2015 |
| 31 | T.Thammi Reddy | ECE, GPREC. | FPGA Implementation of SRRC Filter for WCDMA Systems | International Journal of Science and Research (IJSR) ISSN: 2319-7064 Vol. 4 Issue 7, July 2015 |
| 32 | M.V.R Vittal | ECE, GPREC. | A New Approach for Transient CFO Estimation by Weighted Sub Space Fitting in OFDM Communications System | International Journal of Scientific Engineering and Technology researchISSN 2319-8885, Vol.04,Issue.22,July-2015, |
| 33 | K. Udaya Kiran | ECE, GPREC. | Optimized reversible watermarking approach on digital images based on image invariant classification and dynamic histogram shifting mechanisms | International journal of professional engineering studies vol.5, Issue 3, Aug 2015. |
| 34 | R. Sudheer Babu | ECE, GPREC. | Papr Reduction In OFDM System By Using Clipping and Filtering And Weighted Method | International Journal of Engineering And Computer Science ISSN: 2319-7242, Vol. 4 Issue 8 Aug 2015, Page No. 13772-13776 |
| 35 | S.Amarnath Reddy,Sri G. Amjad Khan | ECE, GPREC. | Stochastic Analysis of the LMS and NLMS Algorithms For Cyclostationary White Gaussian Inputs | International Journal of Engineering And Computer Science ISSN: 2319-7242, Vol. 4 Issue 8 Aug 2015, Page No. 13927-13933 |
| 36 | S.M.Shamsheer Daula | ECE, GPREC. | ALU Based Symmetric Transparent Online BIST for Array of Word – Organized RAMs | International Journal of Emerging Engineering Research and TechnologyVol. 3, Issue 7, July 2015, PP 32-40 |
| 37 | S. Vyshali | ECE, GPREC. | Analysis of Non-Melanoma Skin Lesions using Curvelet Based Texture Analysis on Probabilistic Neural Network Classifier | International Journal of Scientific Engineering and Technology research,ISSN 2319-8885,Vol.04,Issue.36,September-2015, |
| 38 | B. Siva Reddy | ECE, GPREC. | Energy Efficient Configuration of Spatial and frequency Resources in MIMO-OFDMA Systems | International Journal & Magazine of Engineering, Technology, Management and Research, ISSN No: 2348-4845, July 2015, Page |

| | | | | 1460 |
|---|---|---|---|---|
| 39 | T. Sarath Babu | ECE, GPREC. | Adaptive Power Allocation of OFDM Systems by using the Combination of Greedy and Gradient Methods in Cognitive Radio Networks | International Journal of Science and Research (IJSR) ISSN: 2319-7064, Vol. 4 Issue 9, September 2015 |
| 40 | M Madhusudan Reddy | ECE, GPREC. | Design and Development of Solar Based Android Controlled Pesticide Dispenser | International Journal of Science, Engineering and Technology Research (IJSETR), Vol. 4, Issue 8, August-2015 |
| 41 | M Madhusudan Reddy | ECE, GPREC. | Low Phase Noise Ring Oscillator Using Current Steering Technique | International Journal of Science and Research (IJSR) ISSN: 2319-7064 Vol. 4 Issue 9, September 2015 |
| 42 | M Madhusudan Reddy | ECE, GPREC. | Low-Power and High-Performance 1-Bit CMOS Full-Adder Cell | International Journal of Science and Research (IJSR) ISSN: 2319-7064 Vol. 4 Issue 8, August 2015 |
| 43 | M. Madhu Babu | ECE, GPREC. | Implementation of Cordic Fixed Angle Rotation with Efficient Delay | International Journal of Scientific Engineering and Technology Research, ISSN 2319-8885 Vol.04,Issue.28,July-2015 |
| 44 | M. Madhu Babu | ECE, GPREC. | Design of E2 Framer and Deframer | International Journal of Science and Research (IJSR) ISSN: 2319-7064 Vol. 4 Issue 8, August 2015 |
| 45 | L. Laxmi Prasanna Kumar | ECE, GPREC. | Channel Prediction in MIMO-OFDM Wireless Systems by Exploiting Spatio-Temporal Correlations | International Journal of Science and Research (IJSR) ISSN: 2319-7064 Vol. 4 Issue 9, September 2015 |
| 46 | B.N. Nagaveni | ECE, GPREC. | SECRET DATA TRANSMISSION ON COMPRESSED BIT STREAM USING DWT AND SPIHT FOR BIO MEDICAL APPLICATIONS | IJESR/August 2015/ Vol-5/Issue-8/1094-1099 |
| 47 | G. Ramesh | ECE, GPREC. | Design of 7T SRAM Cell Using Self-Controllable Voltage Level Circuit to Achieve Low Power | International Journal of Science and Research (IJSR) ISSN: 2319-7064 |
| 48 | G. Ramesh | ECE, GPREC. | Self Balancing Personal Transporter | International Journal of Science, Engineering and Technology Research (IJSETR), Vol. 4, Issue 8, August-2015 |
| 49 | K. Raju | ECE, GPREC. | Spreading Code Generator in Direct Sequence Spread Spectrum Modulator | International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), Vol. 4, Issue 8, August 2015 |
| 50 | T. Swathi | ECE, GPREC. | Cooperative Wireless Communication using for Multiple Relay Path Based MIMO-OFDM Analysis on Cognitive Radio Networks | International Journal of Science, Engineering and Technology ResearchISSN 2319-8885, Vol.04,Issue.38,September-2015 |
| 51 | D. Sharath Babu Rao | ECE, GPREC. | 5-Bit Interpolating ADC Using Low Power Encoder | International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), Vol. 4, Issue 7, July 2015. |

| | | | | |
|---|---|---|---|---|
| 52 | D. Sharath Babu Rao | ECE, GPREC. | Gesture controlled wheelchair | International Journal of Science, Engineering and Technology Research (IJSETR), Volume 4, Issue 8, August-2015 |
| 53 | S. Siva Reddy | ECE, GPREC. | Analytical Approach for Evaluating Performance of an Interference Alignment Based Precoding In Mimo-Ofdm System | International Journal of Engineering and Computer Science ISSN: 2319-7242, Vol. 4 Issue 9 Sep 2015, Page No. 14352-14358 |
| 54 | A. Pugazhenthi | ECE, GPREC. | Optimized Multi scale Similarity Approach for Images Based on Single Image Super Resolution Framework | International Journal Of Engineering And Computer Science ISSN: 2319-7242 ,Vol. 4 Issue 9 Sep 2015, Page No. 14214-14217 |
| 55 | Raja Sekhar Reddy P | ECE, GPREC. | Estimation in OFDM Based Cognitive RadioSystems BER Analysis for Fourier and WaveletTransform Process | International Journal of Science and Research (IJSR) ISSN: 2319-7064 Vol. 4 Issue 9, September 2015 |
| 56 | G.Panduranga Reddy, M. Vijaya Kumar | EEE, GPCET& JNTUACEA | Diode Clamped Multilevel Matrix Converter for DFIG Based Wind Energy Conversion System | International Conference on Innovations in Electrical and Electronics Engineering, Aug 21 & 22, 2015, GNIT, Hyderabad. |
| 57 | K.Mallikarjuna, K.Hemachandra Reddy,V.Veeranna | Mech. Engg., GPCET | A new meta-heuristics for optimum design of loop layout in flexible manufacturing system with integrated scheduling | Springer(ijamt)/420/81/2015/Sept /1-20. |
| 58 | K.Mallikarjuna, K.Hemachandrareddy, V.Veeranna | Mech. Engg., GPCET | An Approach of Metaheuristics for Optimization of Loop Layout design in Flexible Manufacturing System with batch scheduling constraints | National Conference on Innovative Research in Engineering and Technology ISBN 978-1-63415-634-9 (NCIRET-2015 |
| 59 | G.Sreedhar Kumar | ECE, GPCET | Evaluation of Dual Fingerprint Approach for privacy protection | IJECS, Issue9. Vol. 14. Sep 2015. |
| 60 | T.Tirupal | ECE, GPCET | A Multimodal Image Fusion based on Dual Tree complex 2d DWT method | IJTRE, Issue12, Vol.2, Aug 2015 |
| 61 | T.Tirupal | ECE, GPCET | Detection of brain tumours by using spatial frequency technique in medical images | IJTRE, Issue12, Vol.2, Aug 2015 |
| 62 | T.Tirupal | ECE, GPCET | Performance of image fusion technique for satellite images | IJTRE, Issue12, Vol.2, Aug 2015 |
| 63 | T.Tirupal | ECE, GPCET | Objective TMI quality assessment algorithm by combining modified structural similarity index and natural image statistics | IJTRE, Issue12, Vol.2, Aug 2015. |
| 64 | R.Sumalatha | ECE, GPCET | Hierachical Lossless image compression for telemedicine applications | Procedia Computer Sciences, Vol. 54, Aug 2015. |
| 65 | R.Sumalatha | ECE, GPCET | Data Encoding Techniques for low power consumption in network on chip | IJRAET, Issue 1, Vol. 5, Sep 2015 |
| 66 | E.UpendranathGoud | ECE, GPCET | Optimized PAPR reduction approach by piece wise linear companding framework with less companding distortion | GJTE, Issue4. Vol.2 April 2015 |
| 67 | B.A.Sarath Manohar Babu | ECE, GPCET | Digit-Serial Algorithm Based FIR Filter Design | IJITIAM, Issue1, Vol. 2, July 2015. |

| | | | | |
|---|---|---|---|---|
| 68 | J.Siva Rama Krishna | ECE, GPCET | PAPR Reduction in OFDM signals using weighted OFDM signal scheme | GJAET, Issue3. Vol.4 Aug 2015. |
| 69 | P.Vishnu Kumar | ECE, GPCET | Design and Verification of 16 bit Vedic Multiplier using 3-2 compressors and 4 bit Novel Adder | International Journal of Innovation Technology & Management(IJITM), ISSN 2394-594X, Vol. 1, Issue 2, Aug 2015. |
| 70 | S.Prem Kumar, M.Srilakshmi | CSE,GPCET | Investigation on revocable fine-grained access control scheme for multi-authority cloud storage systems | IJCERT,Issue 8, Vol. 2/2015/August/pages 486-491 |
| 71 | S.Prem Kumar, G.Somasekhar | CSE,GPCET | Secure redundant data avoidance over multi-cloud architecture | IJCERT,Issue 8,Vol. 2/2015/August/pages 470-474. |
| 72 | S.Prem Kumar, G.Somasekhar | CSE,GPCET | A secure mullti-cloud data sharing scheme for dynamic group in public cloud | IJCERT,Issue 8,Vol. 2/2015/August/pages 475-480 |
| 73 | S.Prem Kumar, R.Varaprasad | CSE,GPCET | Improved Self-destructing scheme by fine grained approach in cloud computing | IJCERT, Issue 9,Vol. 2/2015/September/pages 531-535 |
| 74 | S.Prem Kumar, U.Veeresh | CSE,GPCET | Multi cloud architecture to provide data privacy and integrity | IJCERT, Issue 9,Vol. 2/2015/ September /pages 558-564. |
| 75 | S.Prem Kumar, N.Parashuram | CSE,GPCET | Building confidential and efficient query services in the cloud with rasp data perturbation | IJCERT,Issue 9, Vol. 2/2015/ September /pages 627-630. |
| 76 | K.Upendra Raju | ECE,KLMCEW | An automatic Vehicle number plate detection by a fast vertical Edge Detection Algorithm | IJIT / Issue No:2 /Vol. No.:3/2015/June/pages 0068-0076 |
| 77 | K.Subhashini | ECE,KLMCEW | Efficient Topologically Compressed Transistor Flip Flop with Power Saving | IJVCS / Issue No.:3/Vol. No:3/2015/June/pages 0068-0076 |
| 78 | Santosh Kumar Singh | EEE, MITS | Optimal estimation of power system harmonics using a hybrid Firefly algorithm-based least square method | Springer/2015/September 2015/ 1- 15 |
| 79 | M. V. Jagannatha Reddy, Kavitha | CSE, MITS | Expert system to predict the type of fever using data mining techniques on medical databases | International Journal of Computer Sciences and Engineering/isusue-9/Vol.3/2015/September/165-171 |
| 80 | Surya Bahadur, S.Rama Chandra | CSE, MITS | Resource diversity Tolerent- Resource allocation in Cloud infrastructure Services | IOSR/Issue-5/Vol-17/2015/sept/ |
| 81 | J. KannaKumar | ME, Dr.KVSRIT | Design and fabricaton and performance evalution of parabolic troughsolar waterheater | IJRSET, Vol. 4, July 2015 |
| 82 | M. Venkateswarlu | ME, Dr.KVSRIT | Poly (Lactic acid)/MMt Nano clay Hybrid Nano composites:Mechanical & Thermal properties | IJIRSET, Vol. 1, Sep 2015 |
| 83 | M. Venkateswarlu | ME, Dr.KVSRIT | Finite Element Analysis of Axial Flow fan | IJIRSET, Vol4,Aug 2015 |
| 84 | M. Venkateswarlu P. Sagar M. Ashok Kumar | ME, Dr.KVSRIT | Performance test on a 4-stroke single cylinder diesel engine using Bio-diesel with Cooled EGR Method | IJIRSET, Vol4, Aug 2015 |
| 85 | M. Ashok Kumar | ME, Dr.KVSRIT | Effects of Performance on Mechanical properties of Sawdust/Carbon Fibre Reinforced Polymer matrix Hybrid Composites | IJIRSET, Vol.4, Aug 2015 |

| | | | | |
|---|---|---|---|---|
| 86 | M. Ashok Kumar | ME, Dr.KVSRIT | Synthesis and haracterization and properties comparison of Epoxyfilled pennisetumtyphoides (Jowar) filler and treated Sacharunoffinarum (sugar cane) fiber reinforced composites | IJIRSET, Vol.4, Sep 2015 |
| 87 | M. Ashok Kumar | ME, Dr.KVSRIT | Synthesis and Characterization of Natural fibers Reinforced Fiber Epoxy Composites | IJIRSET, Vol.4, Sep 2015 |
| 88 | E.Chudamani | EEE SIETK | Fault mitigation without transformer multilevel converter based D-STATCOM | IJATIR/issue-13/Volume:07/ 2015/ September/2417-2421 |
| 89 | P Chandrasekhar | EEE SIETK | A Novel approach to harmonic minimization method for single phase inverter without an output filter | IJIRSET/issue-5/Volume:04/ 2015/ May/2871-2878 |
| 90 | G Seshadri | EEE SIETK | RES based a three level AC-DC converter for power factor improvement | IJEERT/issue-6/Volume:03/ 2015/ June |
| 91 | V Vaishnavi | EEE SIETK | RES based a three level AC-DC converter for power factor improvement | IJEERT/issue-6/Volume:03/ 2015/ June |
| 92 | N. Ramesh Raju | EEE SIETK | Optimum Self Tuning of PID Controller parameters for Level Control Systems by Neural Networks trained with GA Optimised Data | IJET/Issue5/Volume7/2015 Oct.-Nov. |
| 93 | S. Abdul Mutalib, S. Suresh | ME &SIETK | Design and Analysis of Composite Marine Propeller using ANSYS Work Bench. | IJSETR/ Issue No.9 /Vol. No 4 /2015 / Sep /pp;3224-3227 |
| 94 | G. Venkata Kishore, F. Anand Raju | ME &SIETK | Selection of Optimum parameters for MRR & SR simultaneously in AWJM of INCONEL-625 Alloy using TOPSIS method. | IJMET/ Issue No.9 /Vol. No 6 /2015 / Sept. /pp;1-9 |
| 95 | M Madhan Kumar, S.Sunil Kumar Reddy | ME &SIETK | Performance characteristics of single cylinder D.I Diesel engine by using DI-Ethyl Ether as an additive with Diesel Ethanol Blend | IJSETR/ Issue No.9 /Vol. No 4 /2015 / Sept. /pp;3272-3275 |
| 96 | M Madhan Kumar, S.Sunil Kumar Reddy | ME &SIETK | Performance characteristics of Ethanol Diesel blend with an additive in Diesel Engine. | IJSART/ Issue No.9 /Vol. No 1 /2015 / Sept. /pp;56-59. |
| 97 | B.A.Devan, G Ravindra Reddy | ME &SIETK | Structural Analysis of various Aluminum Alloy Piston | IJSART/ Issue No.8 /Vol. No 1 /2015 / Aug. /pp;234-239. |
| 98 | B.A.Devan, G Ravindra Reddy | ME &SIETK | Thermal Analysis of Aluminum Alloy Piston | IJETER/ Issue No.6 /Vol. No.3 /2015 / Aug. /pp;511-515 |
| 99 | P. Kesavulu Et.al | ME &SIETK | Thermal Analysis of Internal cooling in turbine blade | IJTRE / Issue No.12 /Vol. No.2 /2015 / Aug. /pp;3202-3206 |
| 100 | C. Sowmya | Pharmaceutics, RIPER | Ternary solid dispersions of omeprazole for Enhancing solubility and dissolution. | World Journal of Pharmaceutical Research, Vol. 4, Issue 10, 2015, Sept, 2402-2412. |
| 101 | M. V. Jyothi | Chemistry, RIPER | A New Method development and Validation of Dual Wavelength UV Spectro-photometric Method for Simultaneous Estimation of Bisoprolol Fumarate & Amlodipine besylate in Combined Dosage Form. | Asian Journal of Biochemical and Pharmaceutical Research Issue 2 (Vol. 5) 2015, 28-35 |

| 102 | M. V. Jyothi | chemistry, RIPER | Development and Validation of UV Spectrophotometric Method For The Simultaneous Estimation of Hydrochlorothiazide and Propranolol in Bulk and Formulation by Simultaneous Equation Method | INTERNATIONAL JOURNAL OF PHARMACEUTICAL, CHEMICAL AND BIOLOGICAL SCIENCES, 2015, 5(3), 504-509. |
|---|---|---|---|---|
| 103 | K. Somasekhar Reddy | Pharmacology, RIPER | Evaluation of antioxidant and antiparkinsonian activities of Brassica oleracea in haloperidol‑induced tardive dyskinesia | International Journal of Green Pharmacy, Vol. 9, Issue-5, 2015, 143-149. |
| 104 | S. Nagarjuna | Pharmacology, RIPER | Evaluation of antioxidant and antiparkinsonian activities of Brassica oleracea in haloperidol‑induced tardive dyskinesia | International Journal of Green Pharmacy, Vol. 9, Issue-5, 2015, 143-149. |
| 105 | S. Nagarjuna | Pharmacology, RIPER | Antidiabetic Activity of Different Fractions of Ethanolic Extract of Dactyloctenium aegyptium in Streptozotocin Induced Diabetic Rats | British Journal of Pharmaceutical Research 8(4): 1-10, 2015,1-10 |
| 106 | S. Nagarjuna | Pharmacology, RIPER | Evaluation of Sapindus Trifoliatus on Alzheimer's disease induced by aluminum chloride in rats | International Journal of Pharma and Bio Sciences, 2015 July; 6(3): (P) 456 – 471. |
| 107 | A. Sudheer | Pharmacology, RIPER | Evaluation of Immunomodulatory Activity of Petroleum Ether Extract of Seeds of Pithecellobium Dulce In Wistar Rats | International Journal of Pharmacy and Pharmaceutical Sciences, Vol. 7, Issue 9, 2015, 471-479 |
| 108 | K. Arshad Ahmed Khan | Pharmaceutics, RIPER | Ternary solid dispersions of omeprazole forEnhancing solubility and dissolution. | World Journal of Pharmaceutical Research, Vol. 4, Issue 10, 2015, Sept, 2402-2412. |
| 109 | A. Sanjeeva Kumar | Pharmacognosy, RIPER | Evaluation of antioxidant and antiparkinsonian activities of Brassica oleracea in haloperidol‑induced tardive dyskinesia | International Journal of Green Pharmacy, Vol. 9, issue-5, 2015, 143-149. |
| 110 | P. Basavaraju, B. Mohammed Ishaq, Hindustan Abdul Ahad, Vanitha Prakash | Pharmacy,Balaji College of Pharmacy | Development and Validation of New Analytical Method For The Determination of Donepezil Using RP-HPLC | IAJPS 2015, 2 (8), 1167-1172 |
| 111 | S. Swetha, B. Mohammed Ishaq, Hindustan Abdul Ahad, Vanitha Prakash | Pharmacy, Balaji College of Pharmacy, | New Rp-Hplc Method Development and Validation for the Estimation of Assay and Related Substances of Lenalidomide In Bulk and Dosage | IAJPS 2015, 2 (8), 1173-1177 |
| 112 | T. Nuzhath, S. Muneer, B. Mohammed Ishaq, Hindustan Abdul Ahad, B. Famida, S. Parveen | Pharmacy Balaji College of Pharmacy | Analytical Method Development andvalidation for Determination of Sumatriptan Succinate in Bulk and its Pharmaceutical Formulation Using UV-Spectrophotometer | JPBMAL, 2015, 3(2): 242–245 |
| 113 | T. Nuzhath, S. Muneer, B. Mohammed Ishaq, Hindustan Abdul Ahad, B. Famida, S. Parveen | Dept. of Pharmaceutical Balaji College of Pharmacy, ATP | Development and Validation for The Extractive Colorimetric Methods for The Determination of Sumatriptan Succinate in Bulk and its Tablet Dosage Form | JPBMAL, 2015, 3(2): 246–250 |

| | | | | |
|---|---|---|---|---|
| 114 | Saravanakumar K | Dept. of Pharmaceutics, SVNP, Tirupati | "Formulation development and evaluation of floating drug delivery of Anti-diabetic drug" | International Journal of Research in Pharmaceutical Sciences. 2015; 6(2): 145-151. |
| 115 | Saravanakumar K | Dept. of Pharmaceutics, SVNP, Tirupati | "Formulation and evaluation of Trospium chloride microspheres for sustained drug delivery" | International Journal of Research in Pharmaceutical Sciences. 2015; 6(2): 119-126. |
| 116 | Shanmugam R | Dept. of Pharmaceutics, SVNP, Tirupati | "A Review- Bioanalytical method development and its validation by RP-HPLC." | Journal of global trends in pharmaceutical sciences, 2015; 6(2), 2643-49. |
| 117 | Ashok Thulluru | Dept. of Pharmaceutics, SVNP, Tirupati | "Formulation and evaluation of gastro-retentive floating extended release metoprolol tablets using sodium aliginate and HPMC K-100M combination" | International Journal of Pharmaceutical Sciences and nanotecnology. 2015; 8(3): 2947-54. |
| 118 | Mohanalakshmi S, Ashok Kumar CK | Dept. of Pharmaceutics, SVNP, Tirupati | "Anti- diabetic, lipid lowering and antioxidant potential of Giardinia heterophylla in high fat diet and streptozotocin induced diabetic rats" | Oriental Pharmacy and Experimental Medicine (Springer publication) 2015. |
| 119 | Vijayaraj S | Dept. of Pharmaceutics, SVNP, Tirupati | "Synthesis and characterization of novel amino acid prodrug of gliclazide" | International journal of biological and pharmaceutical research. 2015; 6(9):10-14. |
| 120 | Saravanakumar K | Dept. of Pharmaceutics, SVNP, Tirupati | "Self double emulsifying drug delivery system: A review" | Inventi Rapid: Pharm Tech., 2015;4:1-3. |
| 121 | Vijayaraj S | Dept. of Pharmaceutics, SVNP, Tirupati | "Pharmacokinetic study of Oxime prodrug of Gliclazide by LC-MS/MS method in rabbit plasma" | Asian Journal of Research in Chemistry. 2015; 8(5):351-357. |
| 122 | P. Arthanariswaran and A.Saravanakumar. | Pharmacology, SVCP, Chittoor | Anti-arthritic Activity of Leaves of Merremia emarginata. | International Journal of Phytopharmacology, 6(4), 2015, SEP/ 209-214. |
| 123 | G. Devdass & A.Saravanakumar | Pharmacology, SVCP, Chittoor | Comparative Cardioprotective Activity on the Leaves of Sapindus emarginatus. | International Journal of Phytopharmacology, 6(4), 2015, SEP/ 215-219. |
| 124 | V Lavakumar, K Masilamani, V Ravichandiran, N Venkateshan, D V R Saigopal, C K Ashok Kumar and C Sowmya | Pharmacology, SVCP, Chittoor | Promising upshot of silver nanoparticles primed from Gracilaria crassa against bacterial pathogen | Chemistry Centra Journal, (2015) 9:42, 1-8. |
| 125 | Brito Raj.S, Chandra Sekhar.K.B, Bhaskar Reddy K | Pharmacology, SVCP, Chittoor and JNTUA | Formulation, Optimization and Invitro Evaluation of Lipid Nanoparticle Containing Anti-hypertensive drug | International Journal of Research in Pharmaceutical Sciences, July, 2015, 6(2), 42-45. |
| 126 | Sreerama Rajasekhar, G Neelima, Kaushik Chanda & V.Gunasekaran. | Pharmacology, SVCP, Chittoor | Design, synthesis, characterization and anti-inflammatory activity of some novel Benzimidazole derivatives | International Journal of Research in Pharmaceutical Sciences, July 2015, 6 (2), 30-33. |
| 127 | P. Arthanariswaran & A.Saravanakumar | Pharmacology, SVCP, Chittoor | Pharmacognostical Study on the Leaves of Merremia emarginata. | Indian Journal of Pharmaceutical Science & Research, 5(4), 2015, SEP/ 298-300. |
| 128 | G. Devdass & A.Saravanakumar | Pharmacology, SVCP, Chittoor | Pharmacognostical evaluation of the Leaves of Sapindus emarginatus. | Indian Journal of Pharmaceutical Science & Research, 5(4), 2015, SEP/295-297. |

| 129 | Subhashis Debnath | Pharmaceutics, Seven Hills College of Pharmacy | Formulation and evaluation of mucoadhesive bilayer buccal tablets of amphotericin B hydrocarbon | International Journal of Novel Trends In Pharmaceutical Sciences/ 4/ 5/ 2015/ August/ 107 to 113 |
|---|---|---|---|---|
| 130 | Subhashis Debnath | Pharmaceutics, Seven Hills College of Pharmacy | Preparation and evaluation of controlled release matrix tablets of pentoxifylline | International Journal of Trends in Pharmacy and Life Sciences /2 /1/ 2015/ August/ 170-182 |
| 131 | M. Niranjan Babu | Pharmaceutics, Seven Hills College of Pharmacy | Formulation and evaluation of transdermal patch containing amphotericin B | International Journal of Novel Trends in Pharmaceutical Sciences/ 4/ 5/ 2015/ August/ 107 to 113 |
| 132 | Subhashis Debnath | Pharmaceutics, Seven Hills College of Pharmacy | Formulation and evaluation of nanoemulsion of amphotericin B | International Journal of Novel Trends in Pharmaceutical Sciences/ 4/ 5/ 2015/ August/ 107 to 113 |
| **Publications in Conferences** | | | | |
| 1 | E Sanjeeva Rayudu | CED, GPREC | A Study on Remediation of Alkaline Soils Using Industrial Wastes For Agricultural Purposes | ITC 2015, 29&30 July 2015 at Bangalore |
| 2 | B J S Varaprasad | CED, GPREC | Ground water quality assessment using GIS | ITC 2015, 29&30 July 2015 at Bangalore |
| 3 | R. Praveen Sam | CSE & GPREC | Cloud Security and Trends | National Conference on Recent Innovations in Computer Networks( NCRICN- 2015), 21st & 22nd August 2015, pp 03-13 |
| 4 | B.Sudheer Kumar | MBA-VITS PDTR | A Paper on Earning Quality Analysis in Selected Industries of Andhra Pradesh | ISBN Number - 978-93-85640-13-2, August 2015 |
| 5 | K. Saravana Kumar | Dept. of Pharmaceutics, SVNP, Tirupati | "Formulation, development and evaluation of floating drug delivery of Anti-diabetic drug" | UGC sponsored National seminar on Global Prospectives in Pharmaceutical Sciences, on 1.07.2015, JNTUA-OTRI, Ananthapuramu |
| 6 | P. Latha | Dept. of Pharmaceutics, SVNP, Tirupati | "Evaluation of Anti-diabetic potential of ethanolic extract of Caseria elliptica in Streptozotocin induced diabetic rats" | UGC sponsored National seminar on Global Prospectives in Pharmaceutical Sciences, on 1.07.2015, JNTUA-OTRI, Ananthapuramu |
| 7 | G.Swarna Latha | Pharmaceutical Chemistry, SVCP, Chittoor | RP-HPLC Method Development and Validation for Simultaneous Estimation of Montelukast sodium and Fexofenadine Hcl in Pharmaceutical Dosage Form | Poster Presentation at UGC Sponsored National Seminar on Global Prospective in Pharmaceutical Sciences - 2015 held at OTRI, JNTUA, Anantapur on 11th July 2015 |
| 8 | Balammal Gand Saravana Kumar A | Pharmacology, SVCP, Chittoor. | Development and Validation of RP-HPLC Method For Determination of Formoterol and Tiotropiumin A Capsule Dosage Form | International Journal of Advanced Biomedical & Pharmaceutical Research, Special issue September, 2015 - PA 102. |
| 9 | Mr. S. Rajasekhar | Pharmaceutical Chemistry, SVCP, Chittoor | Synthesis, Characterization and anti-inflammatory activity of some Novel Benzimidazole Derivatives | Oral presentation at UGC Sponsored National Seminar on Global Prospective in Pharmaceutical Sciences - 2015 held at OTRI, JNTUA, Anantapur on 11th July 2015 |
| 10 | K. Sandeep | Pharmaceutics, SVCP, Chittoor | Alternative (Non-Animal) Methods for Cosmetics Testing: Current Status | Poster Presentation at ICMR sponsored National Seminar on "Alternative to animal use in |

| | | | research, education and toxicity investigations" SVCOP, Chittoor, PCOL- 117. |
|---|---|---|---|
| 11 | M. Jagadeesan | Pharmacy, SVCP, Chittoor | Impact of effective Post Marketing surveillance in India | Poster Presentation at ICMR sponsored National Seminar on "Alternative to animal use in research, education and toxicity investigations" SVCOP, Chittoor, PP- 102. |

## THESES INSHODHGANGA

| S.No. | Title of the Thesis | Name of the Student | Name of the Research Supervisor(s) |
|---|---|---|---|
| **Civil Engineering** | | | |
| 1. | An Investigation on the Production, Mechanical Properties and Performance of Geopolymer Concrete | R. Mourougane | Prof. C.G. Puttappa and Prof. C. Sashidhar |
| **Mechanical Engineering** | | | |
| 1. | Performance Evaluation of a Four Stroke Diesel Engine by using Various Biodiesel Blends with an Air Gap and Insulated Piston Inserts | V. Nagaprasad Naidu | Dr. V. Pandurangadu |
| **Electronics and Communication Engineering** | | | |
| 1 | Implementation of High Speed DWT Based Satellite Image Fusion algorithms on Re-Configurable Hardware | G. Mamatha | Dr. M.V. Lakshmaiah and Dr. V. Sumalatha |
| **Computer Science and Engineering** | | | |
| 1 | Adaptive Task Scheduling Algorithm in Grid Computing | T. Sunil Kumar Reddy | Dr. P. Venkata Krishna and Dr. P. Chenna Reddy |
| 2 | Risk and Mitigation of Authentication Protocol Kerberos: A Public Key Approach | Patan Mohammed Shafi | Dr. Syed Abdul Sattar and Dr. P. Chenna Reddy |
| **Pharmaceutical Sciences** | | | |
| 1 | Formulation and Evaluation of Different controlled Release Drug Delivery System for Selected Cardio Vascular Drug | G. Saravanan | Dr. I. Sarath Chandiran |
| 2 | Evaluation of Hepatoprotective and Antihepatotoxic Activities of some Indian Medicinal Plants | Thatipelli Ravi Chander | Dr. Y. Narasimha Reddy |
| 3 | Synthesis, Characterization and Biological Studies of some New Thiazolidinones and Thiazines | P. Bharath Rathna Kumar | Dr. M. Srinivasa Murthy and Prof. K.N. Jayaveera |
| 4 | Formulation and Evaluation of Sustained Release Mucoadhesive Bilayer Tablets of the Active Medicament Using Statistical Optimization Technique | Muthukumaran | Dr. D. Dhachinamurthy and Prof. K.B. Chandra Sekhar |
| 5 | Development and Validation of Different Drugs by Modern Analytical Techniques in Biological Matrices | Sampath Kumar Moola | Dr. Ch. Balasekhar Reddy and Prof. K.B. Chandra Sekhar |
| 6 | Fomulation and Evaluation of Transdermal Drug Delivery System for the Treatment of Angina Pectoris | Vaseeha Banu T.S. | Dr. Sandhya and Prof. K.N. Jayaveera |

# NSS Activities of Colleges / Units

## JNTUA NSS Volunteers for Pre Republic Day Parade

Selections for West Zone Pre Republic Day Parade was conducted at Sri Krishnadevaraya University, Anantapur on 28th October, 2015 by Shri K. GokulaKrishnan Regional Director, NSS. 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 got selected for participating at proposed West Zone NSS Pre-Republic Day Parade Camp – 2015 scheduled to be held at **R.T.M.Nagpur University, Sports Ground, Amravati Road, Nagpur, Maharastra** from **08-10-2015 to 17-10-2015.** Prof. M.L.S.Deva Kumar, NSS Programme Coordinator JNTUA, Prof. Venkatappa, NSS Programme Coordinator, SKU and Mallikarjuna NSS PO SRIT coordinated the selection process.

## JNTUA NSS Volunteers Selected for Adventure Camp at Manali



JNTUA NSS Volunteers Selections for Adventure Camp was conducted on 28th October, 2015 by Shri K. GokulaKrishnan Regional Director, NSS. JNTUACEA NSS Unit-I Program officer Lt. S. Sharada was selected as Contingent Leader, NSS Volunteers of JNTUACEA viz., P. Anusha, V.Brahmani, A.Rekha, P.Lakshmi Prasanna, Samiya got selected for participating at proposed National Adventure Camp – 2015 scheduled to be held at **Atal Bihari Vajpayee Institute of Mounteneering and Allied Sports, Manali, Himachal Pradesh** from **04-10-2015 to 13-10-2015.** Vice Chancellor i/c Prof. H.Sudarsana Rao, Registrar Prof. S.Krishnaiah & Prof. M.L.S.Deva Kumar, NSS Programme Coordinator JNTUA, appreciated all the members.

➢ J.N.T.University Anantapur, Ananthapuramu is leading as an example for 'Sustainable Environment' by establishing a NURSERY in the University Campus, where around 2 Lakh saplings are getting ready for plantation in the surroundings of Anantapur. Department of Forest, Govt. of Andhra Pradesh has sanctioned **Rs. 11,75,043-00** towards raising of MGVN Nurseries under **Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS).** Department of Forest (Social Forests), Govt. of Andhra Pradesh is executing the work.

## NSS Activities of Affiliated Colleges

➢ NSS Unit of G.Pulla Reddy Engineering College organized **"Blood Donation Camp"** on **15-09-2015** in which **85 donors** donated blood for noble cause.

➢ NSS Unit of G.Pulla Reddy Engineering College conducted **"Pouring Water to Planted Trees Programme"** on **16-09-2015** and poured water to trees on campus.

➢ Vaagdevi Institute of Technology & Science, Proddatur NSS Unit-I conducted Blood and Hemoglobin test camp at Narasimhapuram Villaga,Proddatur on 15/08/2015.In this camp blood samples from 100 Members were collected and tested.

➢ Vaagdevi Institute of Technology & Science, Proddatur NSS Unit-I conducted Medical Camp at Narasimhapuram Villaga,Proddatur on 01/09/2015.In this medical camp, NSS Volunteers distributed Iron Tablets, Fever & Pain killer tablets to the villages.

➢ NSS unit of G.Pullaiah College of Engineering and Technology conducted an Antiragging Orientation program on 26th August 2015. Hon'ble Superintend of Police Sri R.K. Ravikrishna as Chief Guest for the program.

➢ NSS unit of G.Pullaiah College of Engineering and Technology conducted an awareness program on Nuclear Weapons on 5th August 2015. In view of this Essay writing and seminars were conducted for students.

➢ The NSS Unit of Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor had organized a Blood Grouping, Blood Donation & Tree Plantation Programmes in the month of July & August 2015.

➢ The NSS Unit of Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor organized Blood Donation Camp on 10th August 2015 in association with Indian Red Cross Society, Blood Bank, Chittoor. The programme was inaugurated by Mrs. Annapurna, Additional Superintendent of Police, Chittoor and Mr. R.V. Srinivas, Vice Chairman, Sri Venkateswara Group of Educational Institutions, RVS Nagar, Chittoor.

## Self Defence Training Programme for Girl Students

National Service Scheme (NSS) Cell and Women Empowerment Cell jointly conducted a four-week self defense training program for girl students from 25th July to 21st August 2015 at JNT university Anantapur. The program was inaugurated by Honorable Vice Chancellor i/c Prof. H. Sudarsana Rao at Chemical Engineering Department seminar hall. Prof. K. Prahlada Rao, Principal JNTUA presided over the function, Prof. S. Krishnaiah Registrar listed out various methods to protect girls. Coach Mr. K. Shantharaj 3rd DAN Black Belt in Taekwondo described the art of Taekwondo and how to protect ourselves by using hands and legs. Women Empowerment Cell coordinator Prof. G. Prasanthi narrated the need of self defence training to the girl students. NSS program coordinator Prof. M.L.S. Deva Kumar presented the plan of training and the reminded that UGC, AICTE & NSS are interested to conduct such training programs. Chief Guest Prof H. Sudharsan Rao Honorable Vice Chancellor i/c appreciated the efforts of NSS cell & Women Empowerment Cell for taking up this program. He advised all girl student to become physically and mentally strong to face challenges in the society. The training went for 4 weeks in the University premises and concluded on 21/08/2015 at college auditorium. Smt. Madamanchi Swaroopa Mayor of Anantapur was the Chief Guest for the valedictory function. Participants demonstrated the art by showing various punches, kicks, stances, combination kicks and tail breakings. The demonstration attracted huge applause from the audience.
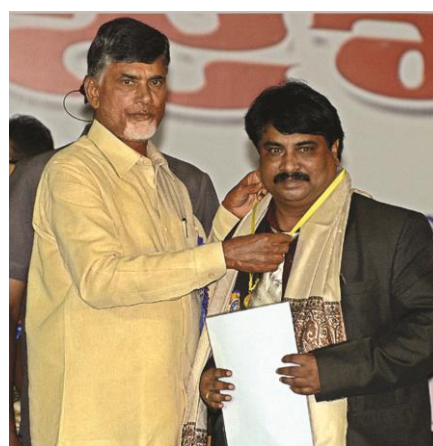
## Two-Day National
## Seminar on Global Prospective in Pharmaceutical Sciences (GPPS2K15)

Department of Pharmaceutical Sciences, OTRI-JNTUA had organized a two-day National seminar on "**Global Prospectives in Pharmaceutical Sciences" (GPPS2K15) on 11th July, 2015**, at Department of Pharmacy, JNTUA, Ananthapuramu. A.P.,India. More than 150 participants from various institutions attended the seminar. **Prof.H.Sudarsana Rao,** Hon'ble **VC (i/c)**-JNTUA was the Chief Guest for inauguration, Dr.N.Lingaiah was Key note speaker, **Prof.S.Krishnaiah**, Registrar, JNTUA was Chief Guest for Valedictory function. The convener of the seminar was Prof.K.B.Chandra Sekhar, Co-Convenor was Dr.N.B.L.Prasad and the coordinator was Dr.P.Bharath Rathna Kumar.

## Awards and Distinctions conferred on Faculty

➢ Dr. M. Vijaya Kumar, Professor of EEE and Director of Admissions, JNTUA & Dr. N. Devanna, Principal, JNTUA CEK received Andhra Pradesh State Government Best Teacher Awards for the year 2015. They received the award from Hon'ble Chief Minister of AP, Sri. N. Chandra Babu Naidu garu on the occasion of Teachers day , conducted on Sept. 5th 2015 at Vizag.

➢ Prof. A. Ananda Rao, CSE Department, Professor, Received Best Paper Award for presenting a paper "Data Driven Approaches for Pronunciation Adaptation Modeling in ASR systems", at Indian Conference on Signal and Image Processing, Nanded, during 10-11 July 2015.