

**RVR & JC CE**

# NEWS LETTER



VOLUME 37

JULY - DECEMBER 2014



Indira Gandhi  
**NSS Award**



**NAAC**  
**'A' GRADE**

**ECO FRIENDLY  
COLLEGE**

**BEST  
PROFESSIONAL  
COLLEGE**



**RVR & JC COLLEGE OF ENGINEERING**

**(AUTONOMOUS)**

(Sponsored by Nagarjuna Education Society - Approved by AICTE - Accredited by NBA - NAAC 'A' Grade - Affiliated to Acharya Nagarjuna University)  
CHANDRAMOULIPURAM - CHOWDAVARAM - GUNTUR - 522 019.

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## Reflections



Chief Minister, N. Chandra Babu Naidu speaking, dignitaries on the dais



Professor C. Subba Rao Former Chairman, APSCH, being felicitated by President, Dr. K. Basavapunniah and Secretary Sri R. Gopala Krishna



Mr. Galla Jaya Dev, MP, trying his hand at the 'All Terrain Vehicle Model' developed by Mechanical students.



One of the members of the NAAC Team, planting a sapling on the campus



The NTT Data Team with selected students in On - Campus interviews



Students showcasing talents





**RVR & JC**  
COLLEGE OF ENGINEERING  
(Autonomous)



## VISION

The Nagarjuna Education Society (NES) has taken birth with a sacred vision of providing educational opportunities to the rural youth who have been migrating to towns in pursuit of education. NES's vision is to aid and maintain educational institutions to impart education and promote literature, arts and culture.

## MISSION

An integrated development of Manpower possessing technological and managerial knowledge and skills, attitudes and values needed

- to make an honorable living
- contribute to the socio-economic development
- and welfare of the society.

## OUR TEAM

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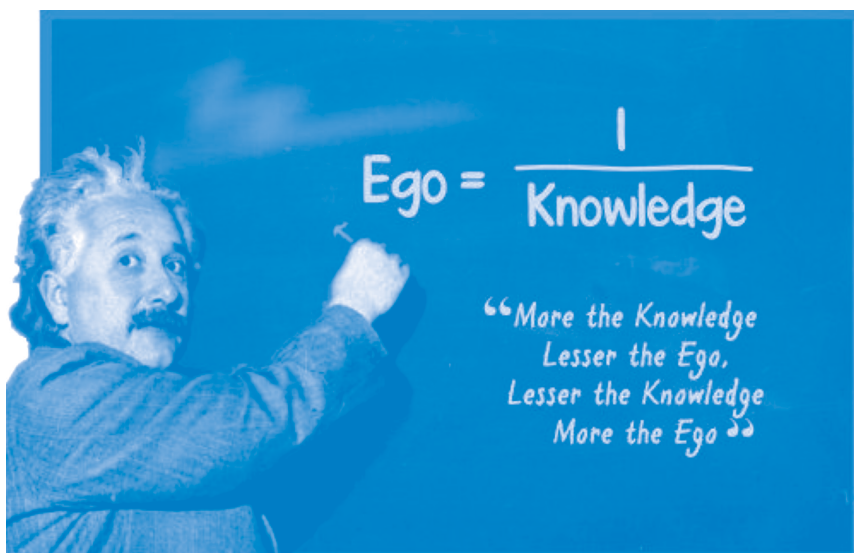
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## AWARDS AND HONOURS



### INDIRA GANDHI NATIONAL AWARD

The NSS Unit of RVR & JC CE received the prestigious Indira Gandhi National Service Scheme Award 2013 -14 for its stupendous services rendered to the society in the past eleven years. RVR&JC College is the first engineering college, in India that has been selected for this prestigious award, since the NSS initiated the award in 1969. Principal, Dr. A. Sudhakar, as Head of the Institution, received a Trophy and a Cash Award of Rs. 70,000/- for NSS Unit of RVR&JCCE, while the Programme Officer of the NSS Unit, Mr. M. Sudhakar, received a medal, citation and a cash award of Rs. 20,000/- for his outstanding social work through the NSS Unit of the college.



The NSS unit with a good number of active and enthusiastic student volunteers, under the guidance of Programme Officer, Mr. M. Sudhakar, followed the **Motto of NSS - 'Not Me But You'** in letter and spirit. The unit organised nearly 15 blood donation

camps through which it donated 4500 units of blood. It organized many health camps, immunization programmes to the public, in and around Guntur district. It was always in the fore front during the natural calamities, extending a helping hand to the needy and affected victims. So far, the NSS unit received 38 awards at the international, national, state, university and district levels for its service activities, since 2003.

### NAAC 'A' GRADE



A three member NAAC peer team, constituted by the National Assessment and Accreditation Council (NAAC), a rating agency for academic excellence across India, visited the college during 21 - 23 August 2014. The Team, led by Prof. K .E . Raman, Director, BITS, Pilani, along with Dr. Surjit Angra, NIT, Kurukshetra and Prof. M. N. Doja from JMI, New Delhi, inspected various infrastructural and other facilities available at college level and at department levels. The team also interacted with the students, faculty, supporting staff, alumni, parents and the industry personnel, associated with college to consolidate their perception about the institution. Finally, NAAC conferred 'A' Grade on RVR & JCCE, after its grueling inspection.

The team lauded the efforts of the management and the faculty for maintaining right academic ambience, good infrastructural facilities, focusing on innovation and employability prospects. The team was also impressed with academic credentials of the faculty, holding 66 Ph.Ds. It also appreciated the emphasis being laid on the holistic development of the students through various co-curricular and extra-curricular activities.

### BEST PERFORMING PROFESSIONAL COLLEGE ECO FRIENDLY COLLEGE

Acharya Nagarjuna University certified RVR & JC College of Engineering as the First Best Performing U G Professional College and the Second Best Eco - Friendly College. These certificates of Merit were received in September on the occasion of ANU's 38<sup>th</sup> Foundation Day Celebrations.



## AWARDS AND HONOURS

### HONOURS TO THE PRINCIPAL

Dr. A. Sudhakar, Principal of the college, received an award and certificate of excellence from the IETE, Vijayawada centre for his outstanding services, achievements and contributions to the field of Electronics and Communication Engineering, on the occasion of IETE foundation day on the 2 Nov, 2014.

'Prathiba Puraskar', another award has been conferred on him by TR Mahesh Charitable Trust, Guntur, on 19 July 2014 for the services he has rendered to the field of education in Andhra Pradesh.



### BOOK PUBLICATIONS

- A book authored by Dr. A. Sudhakar, Principal and Professor of ECE, and Shyammohan S Palli, entitled "Electrical Circuit Analysis – I Third Edition", JNTU, Kakinada, was published by McGraw Hill Education (India) Private Limited, December 2014, India, ISBN(13): 978-93-39-21940-6.
- Another book of Dr. A. Sudhakar and Shyammohan S Palli on "Network Analysis, Third Edition", JNTU, Kakinada, was published by McGraw Hill Education (India) Private Limited, December 2014, India, ISBN(13): 978-3-39-21939-0.

### COUNCIL MEMBER OF IIChE

Dr. M. Venkateswara Rao, Professor and Head, Department of Chemical Engineering, has been elected as Council Member of the Indian Institute of Chemical Engineering (IIChE) which is the highest academic body in India for Chemical Engineering. He will be in the Council for three years i.e., during 2015 -17.

## INFUSING FRESH SPIRITS

### FRESHERS' DAY!

A fresh lease of life began for the much awaited engineering aspirants who have opted to join RVR&JCCE for pursuing their engineering education. Sept., 11<sup>th</sup> was an anxious day for them to step on the campus, accompanied by their parents and family members. After the formal registration process, the authorities of the college oriented students on professional courses and reinstated the focus to be laid during their course of study. Soon, the fresh engineering students celebrated the most important day of their life – Freshers Day, for which a few prominent personalities like Dr. Ghazal Srinivas and Inspector General of Police, Guntur Range, P. V. Sunil Kumar, IPS, were invited. All the freshers got an opportunity to see and listen to the good pieces of advice given by the Principal, Deans and Members of the Management. President, Dr. K. Basavapunnaiah, Secretary & Correspondent, Sri R. Gopala Krishna, Treasurer, Dr. M. Gopalkrishna were present on this occasion. Students became much jubilant, when Dr. Ghazal Srinivas started singing his characteristic Ghazals.





# PROMISES AND PROGRESS



## CM'S VISIT

Honourable Chief Minister, N. Chandra Babu Naidu made a lightning visit to the campus on 24<sup>th</sup> December. He inaugurated the newly constructed Hi Tech block at 6.00 pm. It was a gala evening for the rvrcians to meet the CM who promised Swarnandhrapradesh. Students were excited to see the CM on their campus and Naidu has thrown many a boon to the students as well as to the college, promising to finance incubation centers and a few other things. He advised the students to think out of the box and come up with innovations and promised to back them up financially to any extent. He was elated at the dynamism, the present generation girl students were showing to be equivalent with boys which he said, was an absolutely good sign of development.

In his hour long speech, Mr. Naidu said that Andhra Pradesh was now ranked second in higher education due to some good decisions taken by his government in the past. He asked the students to emerge as torchbearers for the society by adopting villages and take part in the development of 'Smart Andhra Pradesh'. CM Naidu said that his government would encourage information technology sector to help younger generations get employment. At the end of the meeting, Dr. K. Basavapunniah, President, NES, handed over a cheque for rupees one crore to the CM for capital development fund.



## TEACHERS DAY

Teachers Day was celebrated on 5 September, inviting Dr. M. Lalitha Kumari, Lecturer and Head, Department of Telugu, Bandlamudi Hanumayamma Mahila Degree College, Guntur, as Guest of Honour. Addressing the faculty on this occasion, she told that how a teacher could transform the lives of students. Dr. Lalitha was felicitated on this occasion.

## NATIONAL EDUCATION DAY

The college highlighted the importance of literacy, during national education day, on Nov.11<sup>th</sup> which commemorates with the birth anniversary of Bharat Ratna Abul Kalam Azad. On this occasion, the college recalled the services of Abul Kalam, the first education minister of the country. To mark its importance, the college felicitated three faculty members for their outstanding achievements in different fields. The three faculty who received honour were Prof. M. Venkateswara Rao, HoD, Chemical Engineering, Dr. M. Rama Rao, Professor, Civil department, and M. Sudhakar, Associate Professor, Maths and Humanities department.

## NATIONAL UNITY DAY



The 31<sup>st</sup> October was declared National Unity Day to spread awareness about Sardar Vallabhai Patel's contribution to Indian history as well as to spread the message of unity, safety, and security of the nation. The staff and students celebrated the day in letter and spirit with a march past, holding national flags and offering floral tributes to the Iron Man. The pledge of unity was taken by all those who participated in the celebrations. President, Dr. K. Basavapunniah briefed students on the importance of the day.

## HELPING HAND TO HUDHUD

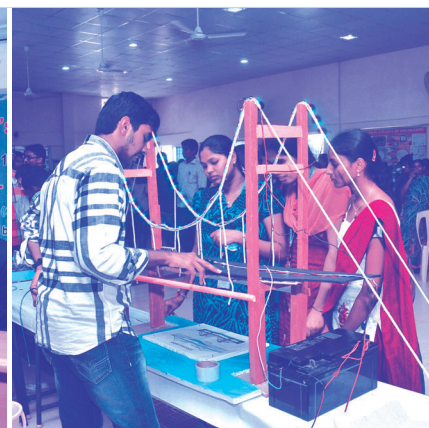
Hudhud was the most destructive tropical cyclones that caused extensive damage to the coastal districts of AP. Hudhud brought the Vizag city to its knees creating havoc. The RVR & JCCE family extended its helping hand by contributing one day salary of its personnel to the CM's Cyclone Relief Fund.





## ENGINEERS DAY

The college observed Engineers Day by organising Technical Exhibition in the GRR Auditorium during 15 - 16 September. Nearly 169 exhibits were developed and displayed by the students of different branches. Around 800 students from various schools and colleges visited the exhibition and appreciated it.



## TALK ON WOMEN EMPOWERMENT

The Lady Advisory Committee (LAC) organised a talk for all the final year engineering girl students on 'Capacity Building of Women Through Skills' on 12 August. Dr. T. D. Vimala, Retd. Principal, Govt. Degree College, Guntur, enlightened students on how a woman can empower herself with a strategic approach at three levels like - psychological, Physical and social, in order to achieve ones objectives in a sustainable manner. She advised young girls to be conscious of their health, develop positive thinking and self motivation which are very crucial in building ones capacities. The talk was followed by an interactive session by Dr. Vimala.

## GUEST LECTURE ON PATENTING

The Research and Development Cell organised a guest lecture on 'Patenting' on 10 October. Resource person, Dr. Viswanadha Raju, Professor and Head of the Dept. of Computer Science & Engineering, JNTU College of Engineering, Nachupally, Karimnagar District, educated the faculty members about the inventions that could be patented and the procedures to be followed for filing a patent. He had also presented a few case studies for a better understanding. The programme was coordinated by the Convenor of Research and Development Cell, Professor K. S. Sai Ram of Civil Engineering.

## GUEST LECTURE ON YOGA

The Literary and Cultural Committee (LCC) organized a Guest Lecture on 'Yoga Retreat' on 10 November, in the Silver Jubilee Seminar Hall. Spiritual Guruji, Satya Gopinath Prabhuji from ISKCON spoke on the yoga and its advantages. At the end of the session, Secretary and Correspondent, Sri Rayapati Gopala Krishna felicitated the Guruji.

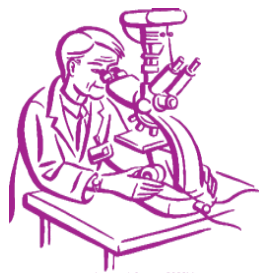


## MoU WITH JEJU UNIVERSITY

An MoU has been signed by Dr. V.P.B. Rekha, Asst. Professor of Bio Technology, on behalf of RVR & JC CE, with **Jeju National University**, South Korea, for the purpose of fulfilling a few important aspects of the biotechnology Project, entitled "Protein Engineering of third generation clot specific thrombolytic agent 'staphylokinase' to have N-terminal lipid modification for enhanced stability and activity" that she received from the Department of Science and Technology under the 'Young Scientist' Project Grant, worth Rs. 14 lakhs, in January 2014.

This project work focuses on research, pertaining to thrombotic disorders and their associated problems that are extensively predominant in developed and developing countries. The work is aimed at producing a modified molecule having high biological activity and enhanced stability by an effective strategy without perturbing its structure and function. This MoU enables exchange of man power to carry out few aspects of the work and can also share the publications and patents.





Department of

# Bio Technology

## Knowledge Sharing

### Guest Lecture Delivered



- Dr. K. Sobha, Assoc. Professor, delivered an invited Lecture on the topic "Biotechnology – Scope, Current and Future Prospects" for the benefit of the faculty members and the undergraduate students of life sciences of Andhra Christian College, Guntur on 17 November 2014.

## Faculty Development



### Research Paper Publications

- Dr. K. Sobha, Assoc. Professor and Dr. T. Anita Susan published a research paper entitled "Evaluation of Amino acid composition of *Phaseolus mungo* (Black gram) and *Labeo rohita* (Rohu) in the perspective of Human dietary requirements" in Scopus/Embase/Scimago indexed Research Journal of Pharmaceutical, Biological and Chemical Sciences (IF:0.35), Vol.5, Issue4, July-August 2014, pp.543-549, ISSN: 0975:8585.
- A research paper on 'Unstructured Modeling of *Aureobasidium Pullulans* Fermentation for Pullulan Production - a Mathematical Approach' written by Asst. Prof. V.S. Rama Krishna Ganduri, and Dr. Sudhakar Podha was published in the International Journal of Engineering Research and Technology, Vol.3, Issue:10, October 2014, pp. 1076-1079, ISSN: 2278-0181.

- Dr. K. Sobha, Assoc. Professor, N. Lalitha, N. Pavani, R. Praharshini, D. Pradeep and Mr. Mahendra Kumar Verma, Asst. Professor, published a research paper titled "Statistical optimization of physio-chemical factors affecting lipase production from *Ajaponicus* cultured in protein enriched medium" in Scopus/Embase/Scimago indexed International Journal of ChemTech Research (IF:0.6), Vol. 6, Issue 11, October-November 2014, pp. 4817-4831, ISSN: 0974-4290.
- Dr. V.P.B. Rekha, Asst. Professor, Manideep Kollipara, B.R.S.S. Srinivasa Gupta, Y. Bharath and Krishna Kanth. P, published a review on "Piper betle L.: Nature's Promising Medicinal Reservoir" in the American Journal of Ethnomedicine (IF: 0.239), Vol. 1, Issue 5, November 2014, pp. 276-289, ISSN: 2348-9502.

## Research programme



### Research Project under progress

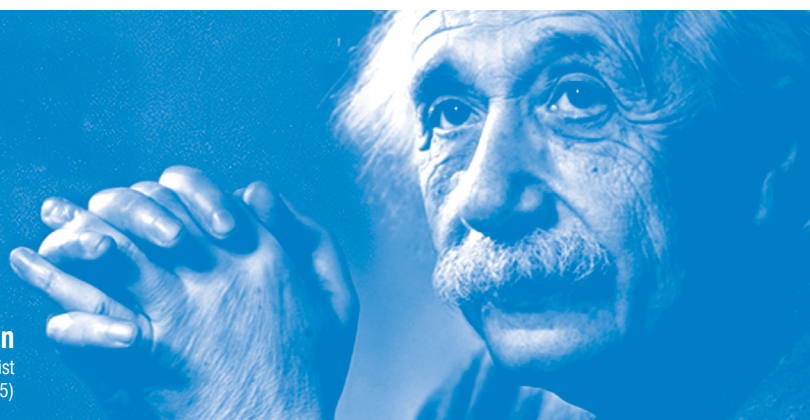
- DST - Young Scientist Awardee, Dr. V.P.B. Rekha is carrying out a research project worth Rs. 14.8 Lakh entitled "Protein engineering of third generation clot specific thrombolytic agent "staphylokinase" to have N-terminal lipid modification for enhanced stability and activity" (SERB/LS-953/2013).

## Faculty Relieved

- Mr.K.R.S.R.Chandra Babu, Assistant Professor was relieved of his services on 5 August 2014.

Two things are infinite;  
the universe and  
human stupidity;  
and i'm not sure about  
the universe.

**Albert Einstein**  
German Theoretical -Physicist  
(1879-1955)





## Department of **Computer Science and Engineering**

### Knowledge Sharing

#### Workshops Organised



- A two day workshop on 'Python' was organized by the department of CSE during 11-12 November 2014. Resource persons, Mr. M. Chaitanya, Project Owner, Thought Works, Hyderabad, Mr. V. Srikanth, Free Lancer, Mr. R. Gopi Chakravarthy, Web developer, Spoorthy Communications Pvt. Ltd, Hyderabad, Mr. G.V.S. Giri, Executive Committee Member, Swecha, Hyderabad, gave talks on topics like 'Introduction to Python, 'Python Programming' etc. All the third year students got benefitted from this workshop.
- A one day workshop on '.Net Programming' was organized by the department on 10 December 2014. Resource person, Mr. Satyanarayana Chaluvadi, Managing Director, CAMPUS GLUES, Software Training & Development Centre, Guntur, gave a hands-on session on .Net Programming to all the final year students.
- A two day workshop on 'Big Job Hunting and Algorithm Analysis' was organized by the dept. during 12-13 Dec, 2014. Resource person, Mr. Karumanchi Narasimha, Software Developer, IBM Software Solutions, Hyderabad, educated students on how to get Interview calls and how to come out in flying colours in group discussions. He also explained how to do algorithm analysis and different approaches to Algorithm Design. This workshop was for the third and final year students of CSE.



#### Guest Lectures Organised

- Dr. Venkat Naidu Gudiwada, Professor, Marshalls University, USA, advised all the third year students of CSE on 'Database Management Systems with Big Data' on 7 August. In his lecture, Mr. Venkat educated students on some latest technologies related to Big Data. The talk was concluded after his interaction with the students for half an hour.
- Mr. K. Peda Babu, Vice President, Technical Manager, Bank of America, USA, advised all the final year students of CSE on 'Database Information Systems and Oracle application' on 27 August. In his lecture, Mr. Peda Babu briefed students about some latest information systems and new version of Oracle application.
- Mr. Y. Aravind Reddy, Sr. Director, Equifax, iknowate Technologies Inc., USA, advised all the students of III

year on 'Real-World Software Development' on 10 December. In his guest lecture, Mr. Aravind enlightened students on Software Development Practices and Comparison of Waterfall model with Agile Model.

- Mr. K. Sambaiah, Network Administrator, Intitutive Technologies, Bangalore, advised all the III year students of CSE on 'Hadoop Technology for Big Data Analytics' on 10 Sep. In his guest lecture, Mr. Sambaiah enlightened students on Hadoop Technology and how it is useful in analysis of BigData.
- Mr. A. Siva Sankar, Real Page, Hyd, advised all the Final year students of CSE on 'SHARE POINT' on 11th Dec.

### Faculty Development



#### Research Paper Publications

- A research paper on 'A New Method for Removal of Salt and Pepper Noise through Advanced Decision Based Unsymmetric Median Filter' written by Assoc. Prof, A. Sri Nagesh, Mr. BRLK Dheeraj, Dr. G.P. Saradhi Varma was published in the International Journal of Computer Science and Information Technologies (IJCSIT), Vol 5, Issue 6, pp.7130 -7135, ISSN : 0975-9646.
- A research paper on 'A Survey on Assured File Deletion in Cloud Environment' written by Mr. B. Tirapathi Reddy, Dr. M.V.P. Chandra Sekhar Rao, Mr. L.S.S. Reddy, Mr. V. Krishna Reddy, Mr. P. Sai Kiran was published in the International Journal of Applied Engg. Research, Vol. 9, No.23, pp.19899-19907, ISSN: 0973-4562.



*Mr. Satyanarayana at the .Net Programming workshop*





## Conferences / Workshops Attended



- Mr. Ch. Ratna Babu, Assoc. Professor attended a workshop on 'Computational Mechanics' organized by the Department of Mechanical Engineering & Civil Engineering, RVR & JC College of Engineering, during 15 -16 July 2014.
- Mr. N. Hanumantha Rao, Asst. Professor attended a National Workshop on 'Research Perspectives in Cloud Computing', sponsored by TEQIP-II, organized by the department of Computer Science & Engineering, University College of Engineering, JNTU, Kakinada, during 12 - 13 July 2014.
- Prof. M.V.P. Chandra Sekhara Rao attended an AICTE AMD programme on 'Conclave on Entrepreneurship', organized at Hotel Ashoka, Chanakypuri, New Delhi, on 19 September 2014.
- Ms. K. Venkata Ramana, Assoc. Professor, Ms. S.J.R.K. Padmini Valli V, Asst. Prof. attended a workshop on 'Recent trends in Graph Theory and its Applications', sponsored by TEQIP-II, organized by the department of Computer Science & Engineering, NIT Warangal, during 11-13 October 2014.
- Ms. Z. Sunitha Bai, Asst. Prof. attended a National Workshop on 'Recent Trends and Research Opportunities in Big Data', organized by the department of Computer Science & Engineering, Vasavi College of Engineering, Hyderabad during 30 - 31 October 2014.
- Prof. M.V.P. Chandra Sekhara Rao attended a conference on 'Alumni Relations Conference India 2014', organized by Indian School of Business, Hyderabad on 1 Nov, 2014.
- Assoc. Professors, Mr. P. Venkateswara Rao, Mr. Ch. Ratna Babu, attended a National seminar on 'Cyber Security with Special Focus on Cyber Crimes & Cyber Laws', organized by the department of Computer Science, P. B. Siddhartha College of Arts & Science, Vijayawada, during 15 -16 November 2014.
- Mr. P. Venkateswara Rao, Assoc. Prof. attended a National Conference on 'RF Wireless Communication', organized by the department of ECE, Bapatla Engineering College, Bapatla, during 17-18 November 2014.



Dr. Venkat Naidu Head & Professor, Marshals University,  
and Mrs. Naidu

- Assoc. Prof. Mr. M. Srikanth, Asst. Professor, Mr. E. Ramesh attended a workshop on 'IPv6 Essentials: Future of the Internet (A Practical Perspective)', organized by the School of Information Technology, JNTU, Hyderabad on 25 November 2014.
- Assoc. Professors, Ms. Ch. Aparna, Ms. K. Venkata Ramana, attended a National Workshop on 'Mathematical principles of Cryptography & Cryptanalysis' organized by School of Computer & Information Sciences, University of Hyderabad during 1-2 December 2014.
- Professors, Dr. M. Sreelatha, Dr. N. Naga Malleswara Rao, Associate Professors, Mr. A. Sri Nagesh, Mr. B. Vara Prasad Rao, Assistant Professors, Mr. E. Ramesh, Ms. Ch. V. Madhavi Lakshmi, Ms. D.R.N.S. Lakshmi, Ms. B. Prasanthi, attended a National Workshop on 'Big Data Analytics' organized by department of CSE, ANU, during 9 -10 December 2014.
- Mr. D. Praveen Kumar, Asst. Professor attended a National Workshop on 'Advances in Web Mining and Big Data', sponsored by TEQIP Phase-II, organized by the department of CSE, AU College of Engineering (A), AU, Visakhapatnam, during 18-19 December 2014.

## Research programme



### Ph.D Award

- Ms. Ch. Aparna, Associate Professor has been awarded Ph.D for her thesis on 'Enhanced Classification Techniques for Brain Computer Interface Data' by the JNTU (H) in Dec, 2014.

### Ph.D Registrations

- Ms. S.J.R.K. Padmini Valli . V, Asst. Prof. enrolled for her Ph.D programme with Acharya Nagarjuna University in July 2014. Her topic of research is 'Data Mining'.
- Ms. Z. Sunitha Bai, Asst. Professor enrolled for her Ph.D programme with Acharya Nagarjuna University in July 2014. Her topic of research is 'An analysis of Heart Disease Prediction using Data Mining Techniques'.
- Ms. B. Prasanthi, Asst. Prof. enrolled for her Ph.D programme with Acharya Nagarjuna University Guntur, in August 2014. Her topic of research is 'Cloud Security'.
- Mr. P. Venkateswara Rao, Assoc. Professor, enrolled for Ph.D programme with Acharya Nagarjuna University in October 2014. His topic of research is 'Image Processing'.

## Faculty Recruitment

- Ms. B. Manasa, Mr. G.S. Raghavendra, and Mr. P. Ramakrishna were recruited in the department on 2 August and 4 September 2014, respectively.



## Department of **Chemical Engineering**



### ChECK 2014 STUDENT MEET



- A Two Day National Level Chemical Engineering Student Meet ChECK – 2014 was organized by the Department of Chemical Engineering during 13 -14 August 2014, with an aim to provide a platform for the chemical and allied engineering students to learn, interact, and expose themselves to the diverse fields of Chemical Engineering.

Dr. Ch. V. Ramachandra Murthy, President, IChE and Principal AU College of Engineering, Visakhapatnam, inaugurated the fest and delivered the inaugural address. The guest of honor, Dr. S.V. Satyanarayana, Council member, IChE and Professor, JNTU College of Engineering (A), Ananthapur, delivered keynote address on the 'Role of Separation Processes in societal problems'. Students got the opportunity to listen to the expert lecture given by Dr. V.V. Basava Rao, Council member, IChE and Professor & Dean, OU College of Technology, Hyderabad, on 'Intensification of Fluidization Process'. The fest attracted nearly hundred students from various engineering colleges who participated in different competitions like paper presentation, technical quiz, group discussion and elocution.

Mr. E. Pardha Saradhi, GM, Coal India Ltd., (Retired), J. Gowtami, I/c. Head, Department of Chemical Engineering, Government Polytechnic for Minorities, Nallapadu and Dr. M. Venkatnath, Professor and Head, Department of Biotechnology of Vignana's University, were the experts who chaired the technical paper presentation sessions.

### Guest Lectures Organised



- Mr. N. Aravind, Lecturer in English, Majeti Guravayya College, Guntur, gave a talk on 'Why do I Study' to the third and final year students of Chemical Engineering on 21 June 2014. In his motivational talk, Mr. Aravind said that there were thousands of reasons to study. We study to train our mind to understand the complexities of the subject chosen and then apply that understanding in practical terms. We study to broaden our horizon towards life. It helps us grow mentally, intellectually, financially in the world of knowledge. It also enables us to understand other's views in a better way.
- Mr. P. Kanaka Raju, Group Head, Liquid Propulsions and Vehicle Integration, SHAR, Sriharikota, Nellore, gave a guest lecture to all the third and final year students of

Chemical Engineering on the 'Role of Chemical Engineers in Space Related technologies' on 1 November 2014.

- Mr. Parth Saradhi, Pegasus Consultants and Mr. Swarna Kumar, Director, Phoenix Learning Center, Guntur, advised all the third and final year students of Chemical Engineering on 5 December 2014. In their guest lecture, they enlightened students on 'Opportunities in Higher Education Abroad'.

### Faculty Development



### Research Paper Publications

- A Research paper on 'Equilibrium, Kinetic and Thermodynamic Studies of Methylene Blue Dye from Aqueous Solution by using Natural Adsorbent' written by Dr. L. Nageswara Rao, Dr. S. Feroz, Mr. D. Kamalakar, and Dr. M. Venkateswara Rao, Professor & Head, was published in the International Journal of Pharmaceutical, Chemical and Biological Sciences (IJPCBS), Vol. 4, Issue 4, pp. 960-96, 2014. ISSN: 2249-9504.
- A Research paper on 'Drying Characteristics of Red Chillies: Mathematical Modeling and Drying Experiments' written by Mr. D. Kamalakar, Assistant Professor, P. Rohini Kumar, Assistant Professor, Dr. L. Nageswara Rao and Dr. M. Venkateswara Rao, Professor & Head, was Published in the International Journal of Engineering Sciences & Research Technology (IJESRT), Vol.3, Issue 7, pp. 425-437, July 2014. ISSN: 2277-9655.



### Paper Presentations in Conferences

- Assistant Professors, D.N.V. Satyanarayana and K. Ramesh Chandra presented a paper on 'Biodiesel Production - a Potential Renewable Resource for future Generation' in the International Conference on Energy and Environmental Engineering, organized by department of Petrochemical Technology, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, during 6 – 7 November 2014.
- Dr. C.V. Subrahmanyam, Associate Professor and Dr. M. Venkateswara Rao, Professor & Head, presented a paper on 'Study on Turmeric (Curcuma longa L.) Extracts' in the National Seminar on 'APAS Golden Jubilee Science Congress', organized by Andhra Pradesh Academy of Sciences, in association with Indian Institute of Chemical Technology (IICT) & Centre for Cellular &





Molecular Biology, IICT, Hyderabad during 13 -15 November 2014.

- Dr. M. Venkateswara Rao, Professor & Head and Dr. C.V. Subrahmanyam, Assoc. Prof, presented a paper on 'Hydrogenated Rice Bran Oil with Least Trans Isomer Content-Optimization of Reaction Parameters' in the International Chemical Engineering Conference (CHEMCON-2014) on Chemical Engineering-Emerging Dimensions and Challenges Ahead, organized by Indian Institute of Chemical Engineers, Chandigarh Regional Center, in association with Dr. S.S. Bhatnagar University Institute of Chemical Engineering & Technology, Punjab University, Chandigarh, during 27 - 30 December 2014. Another paper has been presented by Dr. M. Venkateswara Rao, Professor & Head, and Dr. C.V. Subrahmanyam, Associate Professor, on the topic 'Silica from Rice Husk Ash' in the same conference.

Technology & Centre for Cellular & Molecular Biology, during 13 -15 November 2014.

- Mr. K. Ramesh Chandra, Assistant Professor, attended an AICTE sponsored short term course on 'Process Control', organized by the department of Chemical Engineering, Indian Institute of Technology (IITM), Chennai, during 15 - 19 December 2014.
- Mr. D.Kamalakar, Assistant Professor, attended a QIP short term course on 'Multiphase Flow Reactors Insights through Experimental and CFD Techniques', organized by the department of Chemical Engineering, Indian Institute of Technology (IITG), Guwahati, during 16 - 20 December 2014.
- Dr. M.Venkateswara Rao, Professor and Head, attended an International Chemical Engineering Conference (CHEMCON-2014) on 'Chemical Engineering-Emerging Dimensions and Challenges Ahead', organized by the Indian Institute of Chemical Engineers, Chandigarh Regional Center, in association with Dr. S. S. Bhatnagar University Institute of Chemical Engineering & Technology, Punjab University, Chandigarh, during 27 - 30 December 2014.

### Seminar / Conferences Attended



- Ms. J. Lakshmi Jayanthi, Assistant Professor, attended a National Seminar on 'Biodiversity and conservation Mangrove Ecosystem in India-Present status and future perspective' organized by the department of Biotechnology, Acharya Nagarjuna Univeristy, Guntur, during 21 -22 July 2014.
- Dr. M. Venkateswara Rao, Professor and Head, attended a one day National Seminar on 'Recent Trends in Process Intensification', organized by the department of Chemical Engineering, Osmania University College of Technology (OUCT), Osmania University, Hyderabad on 29 September 2014.
- Mr.D.N.V. Satyanarayana, Asst. Prof, attended an International Conference on 'Energy and Environmental Engineering', organized by the department of Petrochemical Technology, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, Tamilnadu, during 6 - 7 November 2014.
- Dr. C.V.Subrahmanyam, Assoc. Professor, attended a National Seminar on 'APAS Golden Jubilee Science Congress', organized by Andhra Pradesh Academy of Sciences, in association with Indian Institute of Chemical

### Students Technical Visits



- The second and third year students of Chemical Engineering have gone on short technical tours to the industries to have an idea about the technical know how. The second year students visited JOCIL Ltd., located at Dokiparru, Medikondur Mandal, Guntur district and Sri Dhanalakshmi Group of Industries (Oil Division) Guntur on 20 September and 7 November respectively. The third year students visited KCP Cements, Macherla, and The Andhra Sugars Ltd. Venkatarayapuram, Tanuku on 15 July and 27 December respectively.

### Faculty Relieved

- Dr. L. Nageswara Rao, Associate Professor was relieved of his service on 28 July 2014.



“Live as if you were to die tomorrow. Learn as if you were to live forever.”

”

Mohandas Karamchand Gandhi



## Department of **Civil Engineering**

### Knowledge Sharing

#### Workshops Organised



- A two day national level workshop on 'Computational Mechanics' was organized by the Dept. of Civil Engineering, during 15 -16 July 2014. Resource persons, Prof. B. Nageswara Rao from IIT Madras, Prof. V. Bala Krishna from V.R. Siddhartha College of Engineering, Prof. K. Srinivasu and Prof. K.S. Sairam of Civil engineering department, RVR & JC, gave talks on topics like 'Applications of finite element modeling and their interpretation in research analysis'. Nearly, 40 faculty members from various engineering colleges, students of RVR & JC and also students from other engineering colleges attended this workshop.
- A one day state level workshop on 'Advanced Surveying Equipment' was organized by the Dept. of Civil Engineering on 26 November 2014. Resource persons from Roorkee, gave talks on topics like - Advanced survey systems, 3D Scanner and differential geographical positioning system and other equipments along with field practicals. Nearly, 40 field engineers from various engineering departments like R&B, Panchayat raj and rural authorities and final year students of RVR & JCCE participated in this workshop.

#### Guest Lectures Organised



- Ms. K. Padmaja, Chief Engineer, Panchayat Raj department, Hyderabad, advised all the final year students of Civil Engineering on 'Urban roads -Failures and remedies'. Through her lecture, Ms. K. Padma enlightened students on Road Failure and New construction practices. The talk was concluded after her interaction with the students for half an hour on 15 September 2015.
- Mr. Hari Krishna Meka, Regional Sustainability Manager at alfuttaim carillion, Dubai (UAE) advised all the final and third year students of Civil engineering on 'Concepts of Green Buildings' on 17 December.

### Faculty Development

#### Research Paper Publications



- A research paper on 'A Review on Use of Metakaolin in Cement Mortar and Concrete' written by Dr. Kota Srinivasu, Professor and HoD, Mr. MLN. Krishna Sai, Assistant Prof. NV. Sairam Kumar, Asst. Professor, was published in the International Journal of Innovative Research in Science, Engineering and Technology, Vol. 3, Issue 7, July 2014, pp:14697-14701.

#### Workshops Attended



- P.Samatha Chowdary, Assistant Professor attended a 5 day workshop on 'Pavement evaluation techniques and their application for maintenance and rehabilitation' organized by Central Road Research Institute (CRRRI) New Delhi, during 24 - 28 November 2014.
- R.Surendra Babu, Associate Professor, attended a 5 day international workshop on 'Recent Developments in Design and Construction for Precast Technology, (REDECON 2014) conducted by Association of consulting civil engineers (India), Bangalore Centre and MHRD Government of India at NIMHANS convention center, Bangalore during 9 -13 November 2014.
- Dr. Kota Srinivasu, Professor & HoD, attended a one week workshop on 'Computational Dynamics' organized by IIT Madras during 1-5 September 2014.
- Dr. Kota Srinivasu, Professor & HoD, other Professors, Dr. K. Sai Ram, Dr. M. Rama Rao, Dr. P. Ch. Sanjeeva Rao, R. Surrendra Babu, PVS. Maruthi Krishna and Associate Professors, Assistant Professors, M.L.N. Krishna Sai, J. Usha Kranti, M. Srikanth Kumar, P. Samatha Chowdary, S.V. Satyanarayana, N.V. Sairam Kumar, K. Priyanka, P. Raghavend Rao, K. Parvathi Manusha, attended a two day workshop on 'Computational Mechanics' at RVR & JC College of Engineering during 15 - 16 July 2014, organized by the department of Civil and Mechanical Engineering, RVR & JC College of Engineering.
- M. Srikanth Kumar, Assistant Professor, attended a 5 day QIP short term course on 'Air Quality Modelling' organized by IIT, Chennai, New Delhi during 10 - 15 November 2014.





## Conferences Attended



- M. Srikanth Kumar, Assistant Professor, attended a one day national seminar on 'Recent trends in environmental engineering organized' by P.V.P Siddhartha Institute of Technology, Kanuru, Vijayawada on 17 October 2014.
- Dr. Kota Srinivasu, Professor & HoD, attended national conference on Entrepreneurship Education on 19 September organized by AICTE, New Delhi.
- Professor M. Rama Rao, Assistant Professors, J. Usha Kranti, P. Samatha Chowdary, Y. Pavani attended a one day national seminar on 'Problems related to infrastructure Geo technics' (SPRING) at KKR and KSR Institute of Technology, Vinjanampadu, Guntur on 23 August 2014.

## Industrial Visits



- The first year and third year B.Tech Civil engineering students went on a technical visit to study about water tanks at housing board and water treatment plant at Takellapadu on 18<sup>th</sup> October 2014.

## Faculty Recruitment

- Dr. A. Srinivasa Prasad joined as Professor in the department of Civil engineering on 6 November 2014.
- Other faculty members recruited in the Department on 18 August 2014, were K. Susmitha Chowdary, R.Vaishnava Kumar, N. Tejaswini, Ch. Sri Valli Lakshmi, Y. Madhavi and R. Satya Sai Deep.

*A frog decided to reach  
the top of a Tree....*

*All frogs shouted,  
"It's impossible,  
It's impossible..."*

*Still the frog reached the Top...*

*How?*

*Because...*

*He was **DEAF**...*

*and He thought,,,  
everyone was encouraging him  
to reach the top...*



**"BE DEAF TO NEGATIVE THOUGHT...  
IF YOUR AIM IS TO REACH YOUR GOAL"**

## INVICTUS

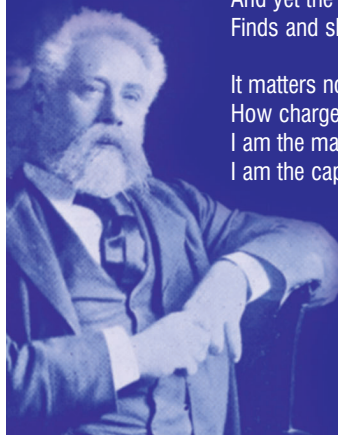
By William Ernest Henley (1849-1903)

Out of the night that covers me,  
Black as the pit from pole to pole,  
I thank whatever gods may be  
For my unconquerable soul.

In the fell clutch of circumstance  
I have not winced nor cried aloud.  
Under the bludgeonings of chance  
My head is bloody, but unbowed.

Beyond this place of wrath and tears  
Looms but the Horror of the shade,  
And yet the menace of the years  
Finds and shall find me unafraid.

It matters not how strait the gate,  
How charged with punishments the scroll,  
I am the master of my fate,  
I am the captain of my soul.



Publication history : Invictus is a short Victorian poem written by Henley. At the age of 12, he contracted tuberculosis of the bone. A few years later, the disease progressed to his foot, and physicians announced that the only way to save his life was to amputate directly below the knee. It was amputated when he was 17. Stoicism inspired him to write this poem. Despite his disability, he survived with one foot intact and led an active life until his death at the age of 53.



Department of

# Electronics & Communication Engineering

## Knowledge Sharing

### Guest Lectures Organised



- Senior Engineer and Managing Director of Intel Corporation, California, USA, P. Madhusodhan Srinivas delivered a guest lecture to all the final year students of ECE on the topic 'Industry Trends in Processor Design' on 28 July 2014. In his lecture, Mr. Srinivas educated students on some latest technologies on different types of processors.
- Mr. Mallipeddi Rammohan, Asst. Professor, School of Electronics, Kyungpook, National University, South Korea, gave a talk on 'Novel Optimization Algorithms and Engineering Applications' to all the final year students of ECE on August 4<sup>th</sup>. Through his talk, Mr. Rammohan shared his knowledge with students on some latest technologies like 'novel numerical stochastic optimization algorithm inspired from the behaviors of cloud in the natural world', which is designated as Atmosphere Clouds Model Optimization (ACMO) Algorithm.

### UGC Project in Progress

- Dr. A. Sudhakar, the Principal and Professor of ECE was granted with a nine lakh worth UGC research project on 'Analysis and Measurements of Ultra Wide Band Signal Attenuation through Typical Building Materials' in 2014. This project is under progress.

## Faculty Development

### Research Paper Publications



- A research paper on 'Performance Analysis of parallel Interference Cancellation RAKE receiver for wide band CDMA Networks' written by Ms P.P.S. Subhashini, Assoc. Professor and Ms. D. Niharika, was published in the International Journal of Research in Electronics and Communication Engineering, (IJRECE) Vol.2, Issue 5, pp.294 - 299, ISSN:2321-5593, July-August 2014.
- A research paper on 'Modified Approach for VSS NLMS Algorithm for Echo Cancellation in Teleconference System' written by T. Suneetha, Assistant Professor,

A. Hareesh and Dr. G. Sudhavani, Associate Professor, was published in the International Journal of Computer Applications, Vol.99, Issue 12, pp.23 - 26, ISBN:973-93-80883-42-4, August 2014.

- A research paper on 'Tri-Band Planer Maropole antenna with compact Radiator for WLAN/Wi-MAX Applications' written by Mr.S.Ramkumar, Dr. M.V.S.Prasad, Professor and Ms. K.Prasanna was published in the International Journal of Systems and Technologies (IJST), Vol.7, Issue 2, pp.34 - 39, ISSN: 0974-2107, September 2014.
- A research paper on 'Computational Studies on Rectangular Micro strip Patch Antenna' written by Dr. M.V.S. Prasad, Professor, Mr. K. Naga Raju, was published in the International Journal of Electronics Communication and Computer Engineering (IJECE), Vol.5, Issue 5, pp.1116-1119, ISSN:2278-4209, September 2014.
- A research paper on 'VHDL Implementation of Alamouti Space Time Block Coded (STBC) MIMO encoder and decoder on FPGA' written by B.Lokeshwar, Assistant Professor, G. Kalyan, M. Gurunanda Babu, was published in the International Journal of Science, Engineering and Technology Research (IJSETR), Vol.3, Issue 10, pp.2764.-2767, ISSN: 2278 - 7798, Oct, 2014.



### Paper Presentations in Conferences

- Mr. K. Upendra Chowdary, Mr. K. Ashok Kumar, Assistant Professors, presented a paper on 'The LTE Network Architecture' in the National Conference on RF Wireless Communications and Signal Processing NCRFWCSP 2014, conducted by Bapatla Engineering College, Bapatla, during 17 -18 November 2014.
- Mr. S. Ramesh Babu, Mr. K. Anil Kumar, Assistant Professors, presented a paper on 'Design of Adaptive Median Filter for image Impulse Noise Suppression' in the National Conference on RF Wireless Communications and Signal Processing NCRFWCSP 2014, conducted by Bapatla Engineering College, Bapatla, during 17-18 November 2014.





## Workshops Attended



- Ms. N. Renuka, Associate Professor, A. Murali Krishna, Assistant Professor, attended a two day national workshop on 'Signal Processing and Wireless Communication', organized by the dept. of ECE, Bapatla Engineering College, Bapatla, during 25-26 July 2014.
- K. Upendra Chowdary, Assistant Professor, attended a two day workshop on 'HAMFEST INDIA - 2014', organized by the department of ECE, Muffakham Jah College of Engineering and Technology, Hyd, during 8-9 Oct, '14.
- Ms.N.Renuka, Ms.P.P.S. Subhashini, Associate Professors, Mr. A. Murali Krishna, Assistant Professor, attended a two day national level workshop on 'Recent Trends in MEMS for Biomedical and Weather monitoring Applications', organized by the Department of ECE, Lakkireddy Balireddy College of Engineering, Mylavaram, during 17 - 18 October 2014.
- Dr. G.Sudhavani, Professor, A. Murali Krishna, Ms. T. Suneetha, Ms. K. Sravanthi, Ms. M. Sunitha, Assistant Professors, attended a two day national workshop on 'Awareness of RF Simulation Tools, RF and Microwave Research Group', organized by the dept. of ECE, K.L University, Vaddeswaram, during 31 October 2014 to 1 November 2014.
- Dr. T. Ranga Babu, Professor & HoD attended a two day workshop on 'Initiatives for Quality Improvement in Engineering Education', organized by the SVU College of Engineering, Tirupati, during 15 - 16 November 2014.
- U. Ramakrishna, S. Ramesh Babu, P. Siva Prasad, Assistant Professors attended a two day workshop on 'WSNHEM-14', organized by the department of ECE, GMR Institute of Technology, Rajam, during 14-15 Nov, 2014.
- Dr. M.V.S. Prasad, Professor, M. Suresh, Assistant Professor, attended a two day workshop on 'Electronic Intelligence Systems ELINT', organized by the department of ECE, Chaitanya Bharathi Institute of Technology, Hyd. during 12-13 December 2014.

- B. Lokeshwar, Assistant Professor, attended a one week Faculty Development Programme on 'Recent Trends in Signals & Systems', organized by the department of ECE, Lakkireddy Balareddy College of Engineering, Mylavaram, during 22 - 27 December 2014.

## Research programme



### Enrollment for Ph.D.

- Ms. T.Suneetha, Asst. Prof. enrolled for Ph D programme with ANU, Guntur, in October 2014. Her topic of research is 'Antennas.'
- Mr. K.Upendra Chowdary, Asst. Prof. enrolled for his PhD programme with JNTU, Kakinada, in July, 2014. His topic of research is 'PAPR and Channel estimation Techniques to improve broad band MIMO - OFDM for LTE Systems.'

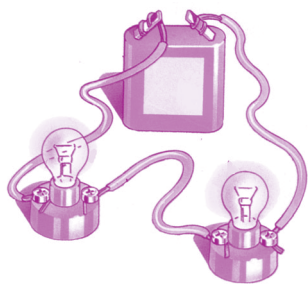
## Promotions

- Dr. G.Sudhavani, Associate Professor in Dept. of ECE was promoted as Professor on 1 Sep, 2014.



## Sometimes...

SOMETIMES WE MUST BE HURT IN ORDER TO GROW  
 SOMETIMES WE MUST LOSE IN ORDER TO GAIN  
 SOMETIMES WE MUST FAIL IN ORDER TO KNOW  
 BECAUSE SOME LESSONS IN LIFE ARE BEST LEARNED THROUGH PAIN



Department of

# Electrical & Electronics Engineering

## Knowledge Sharing

### Guest Lectures



- An expert guest lecture has been delivered by Mr. Mallipeddi Rammohan, Asst. Professor, School of Electronics, Kyungpook National University, South Korea for all the final and third year students of EEE on 'Novel Optimization Algorithms and Engineering Applications' on 1<sup>st</sup> August, 2014. In his guest lecture, Mr. Rammohan educated students on some latest engineering applications. He had explained to the students how optimization algorithms provide systematic and efficient ways of creating and comparing new design solutions in order to achieve an optimal design.

### Paper Presentation Contest Organised

- An Inter collegiate one day paper presentation contest was organized by the Dept. of Electrical, in association with New and Renewable Energy Development Corporation of Andhra Pradesh (NREDCAP) on 17 December 2014, on the theme 'Energy Conservation'. 37 papers were selected for presentation from nine engineering colleges, in and around Guntur. Ms. Sk. Rizwana Parveen of CSE and Syed. Asha of EEE, RVR & JC, received a cash prize of 3000 for standing first in the contest. The second prize Rs. 2000 was grabbed by Md. Ishaakh Ahmed (Mech) of KL University. Mr. Sk. Sunaiah of RVR won 3<sup>rd</sup> prize.
- Dr. K. Chandra Sekhar, Head of the department of EEE, chaired a technical session at the International conference on 'Smart Electric Grid - ICSEG-2014, organised by the dept. of Electrical, K L University, in association with IEEE Hyderabad, during 19-20 September 2014.

### UGC Project in Progress

- Dr. K. Chandra Sekhar, Professor and Head, Department of EEE, was granted with a nine lakh worth UGC sponsored research project on 'Control Technique for Dual Inverter Fed Open End Winding Induction Motor', under major research project scheme in 2013. The project is in progress, with Dr. K Chandra Sekhar, Professor, and Mr. G. Sambasivarao, Associate Professor, as Principal investigator and Co investigator respectively.

## Faculty Development



### Research Paper Publications

- A Research paper entitled 'Enhancement of Power Quality Using 9-Level Cascaded H-Bridge Based D-Statcom with IRP Theory' written by Sk Meeravali, and Prof. K.Chandra Sekhar was published in the International Journal of Engineering & Science Research, ISSN : 2277-2685, Vol. 4, Issue 6, July 2014, pp.309-318.
- One research paper of G. Nageswara Rao, P. Sangameswara Raju, Professor, K. Chandra Sekhar, entitled 'Harmonic Elimination of Cascaded H-Bridge Multi Level Inverter Based Active Power Filter Controlled by Intelligent Techniques' was published in the International Journal of Electrical Power & Energy Systems, Elsevier, Vol-61, Oct. 2014.
- One research paper of K .Hari Krishna, and Professor K.Chandra Sekhar, Professor, entitled 'Analysis of AGC in Multi Source Deregulated Power Systems' was published in the International Journal of Electrical Engineering & Technology (IJEET), ISSN: 0976-6553, Vol -5, Issue -7, July 2014.
- A research paper of G Lalitha, Ms. K. Swarna sree, Associate professor, entitled 'Energy Balance Study of Solar Home Lightning System' was published in the International Journal of Engineering Research and Applications, ISSN 2331-3313, Vol 2, Issue 7, July 2014, pp 42-53.
- Research paper of V. Yesu Raja, Mr. Gudapati Sambasiva Rao, Assistant Professor, entitled 'Comparison of Multilevel Inverter Topologies for Statcom Applications' was published in the International Journal of Engineering Research and Applications, ISSN : 2248-9622, pp.113-117, Vol. 4, Issue 8 (Version 7) Aug. 2014.
- Research paper of N. Deepthy, R. Lakshmi, Mr. Veeranjeyulu Gopu, Assistant professor, entitled 'Mitigation of Voltage Sag in Three Phase Lines Using Fault Current Limiter During Faults' was published in International Journal of Computer Science information and Engg, ISSN 2277-4408, Vol. 3, Issue 4 ( series 2), August 2014, pp.1-8.





- Research paper of Chodavarapu Gopinadh, Padmutham Jayakar, Mr. Veeranjeyulu Gopu, Assistant professor, entitled 'Fault-Tolerant VSC Based HVDC Transmission System' was published in the International Journal of Scientific Engineering and Technology Research, ISSN 2319-8885, Vol. 3, Issue 36, Nov, 2014, pp. 7191-7198.
- Research paper of Y. Anil Kumar, Mr. Veeranjeyulu Gopu, Assistant Professor, entitled 'Power Quality Improvement from Grid Connected Renewable Energy Sources at Distribution Level Using Fuzzy Logic Controller' was published in the Journal of Electrical and Electronics Engineering, ISSN 2320-3331, Vol. 9, Issue 5, pp.36-43, September - October 2014.

### Paper Presentations in Conferences



- Ms. K. Swarna Sree, Associate professor and N Suneel Kumar presented a paper on 'Performance Investigation of UPQC Using PI And ANN Controller' in a National conference on smart grids for smart cities 2014, organised by Andhra University during 7 - 8 Nov, 2014.
- Ms. K. Radha Rani, Associate professor, Dr. J. Amarnadh, Dr. S. Kamakshaiah presented a paper on 'Application of Statcom to Improve Critical Clearing Time And Transient Stability of SCIG Based Wind Farm' in a National conference on smart grids for smart cities, organised by Andhra University during 7 - 8 Nov, 2014.
- Ms. K. Radha Rani Associate professor and P. Sravani presented a paper on 'Critical Clearing Time And Transient Stability of SCIG Based Wind Farm' in the International conference on Smart Electric Grid 2014, organised by K L University during 19 - 20 Sept, 2014.
- Professor K. Chandra Sekhar, Dr. K.S.R. Anjaneyulu, Ms. N. Chaitanya, Assistant professor, presented a paper on 'Performance Analysis of a Hybrid Power System with Three Phase Interleaved Bidirectional Converter' in an International conference on Smart Electric Grid 2014 organised by K L University during 19 - 20 Sept, 2014.
- Ms. Ch. Nagarajakumari, Asst. Professor and Professor K. Chandra Sekhar presented a paper on 'Optimal Placement of SVC for The Transmission Congestion Management' in a National conference on 'Advanced research in electrical and electronics engineering' during 14-15 August 2014.

### Workshops Attended



- Ms. K. Radha Rani, Associate Professor, attended a three day National work shop on 'Advancements in Green energy and Automation control of electrical power' organised by the department of EEE of Vignan University, Vadlamudi from 16 to 18 October, 2014.

### Research programme



#### Ph.D Award

- Mr. G. Sambasiva Rao, Asst. Professor received doctorate degree for his thesis on 'Modulation and Control of Multilevel Inverters for Open End Winding Induction Motor' by the JNTU, Hyderabad in Oct, 2014, under the guidance of Dr. Koritala Chandra Sekhar, Professor & HoD of EEE Department, RVR & JCCE.

### Promotions

- Dr. Gudapati Sambasiva Rao, Assistant Professor in the Department of EEE was promoted as Associate Professor on 1 November 2014.

### Faculty Recruitment

- Mr. P. Venkata Mahesh was recruited as Asst. Prof. in August 2014.



Mr. M. Rammohan receiving memento from Dean, Student Affairs Prof. K. Srinivas and HoD, EEE, Prof. K. Chandra Sekhar

**GREAT** PEOPLE TALK ABOUT **IDEAS** 

**AVERAGE** PEOPLE TALK ABOUT **THINGS** 

**SMALL** PEOPLE TALK ABOUT **OTHER PEOPLE** 



## Department of **Mechanical Engineering**

### Faculty Development

#### Research Paper Publications



- A research paper on 'Selection of Magnesium Alloy by MADM Methods for Automobile Wheels' authored by Mr. D. Sameerkumar, Asst. Prof. and K.N.S. Suman was published in the International Journal of Engineering and Manufacturing (IJEM) Vol.4 (2), Aug,2014 pp31-41.
- A research paper on 'Failure mechanisms in turbine blades of a gas turbine Engine—an overview' written by V. Naga Bhushana Rao, I.N. Niranjan Kumar and K. Bala Prasad, Assoc. Prof. N. Madhulata, Naresh Gurajrapu was published in International Journal of Engineering Research and Development, Vol 10, Issue 8 August 2014, pp.48-57.
- A research paper on 'Wear behaviour of novel Al based composite reinforced with ceramic composite (Al<sub>2</sub>O<sub>3</sub>-SiC-C) developed from colliery shale material' written by Prof. G. Srinivasarao, S.B.VenkataSiva, R.I. Ganguly, and K.L.Sahoo was published in the International Journal of Tribology, Vol. 8, No.3. 2014: 117-124
- A research paper on 'Sensitivity Analysis to Determine the Parameters of Genetic Algorithm for Machine Layout' written by Assoc. Professors, Dr. C. Srinivas, Dr. B. Ramgopal Reddy, Prof. K. Ramji and Dr. R. Naveen was published in Procedia Materials Science (ELSEVIER), Vol. 6, 2014, pp. 866 – 876.
- A research paper on 'Effect of Carburizing Flame and Oxidizing Flame on Surface Roughness in Turning of Aluminium Metal Matrix Composite and Differential Evolution Optimization of Process Parameters' written by Dr. N.V.V.S. Sudheer, Assoc. Prof. and Prof. K. Kartheeka Pavan, was published in the Journal of Procedia Materials Science, Elsevier, Vol 6, 2014, pp 840-850.
- A research paper on 'Effect of Carburizing Flame and Oxidizing Flame on Surface Roughness in Turning of Aluminium Metal Matrix Composite' written by Assoc. Prof. N.V.V.S. Sudheer, K.V.J. Rao and N.Rajesh was published in the Journal of Association of Engineers, India, Vol. 83, No. 3&4, pp 45-55, 2013.
- A research paper on 'Enhancement of Heat Transfer by Nanofluids in Solar Collectors' written by Dr.N.V.V.S.Sudheer, Santhisree Nerella, and Dr.P.Bhramara was published in the International Journal of Innovations in Engineering and Technology, Volume 3, Issue 4, pp.115-120.

- A research paper on 'Fabrication and investigation on properties of TIC reinforced Al7075 metal matrix composites' written by Asst. Prof. V. Ramakoteswara Rao, N. Ramanaiah, M.M.M Sarcar was published in Applied mechanics and materials, Vols. 592-594(2014) pp 349-353.
- A research paper on 'Joining of dissimilar alloy sheets (Al 6063 & AISI 304) during resistance spot welding process: a feasibility study for automotive industry' by Mr. Reddy Sreenivasulu, Asst. Prof. was published in the Independent Journal of Management & Production, Vol 5, (Dec 2014). pp 966-983, ISSN:2236-269X.
- A research paper on 'Study on Processing and Mechanical Properties of Nano SiCp reinforced AA7075' written by Assoc. Prof. Dr. N. Govind, Prof. Dr. K. Ravindra, Dr. Nageswara Rao was published in the International Journal of Engineering Science (IJES), Vol 3, Issue 12, Version I, Dec. 2014, pp: 29-34.
- A review paper on 'Optimization of Machining Parameters and Material Selection during Drilling of Aluminium Alloys-Review' by Mr. Reddy Sreenivasulu, Asst. Prof and Dr. G. Chaitanya, Assoc. Prof. was published in AKGEC International Journal of Technology, Vol. 5, No. 2, 1-8. Dec 2014.



#### Paper Presentations in Conferences

- Professor G. Srinivasarao and Mr. A. Neelakanteswara Rao presented a paper on 'Modeling and Optimization of tool parameters in the presence of variable process conditions using taguchi robust design' published in the Proceedings of International Conference on Industrial, Mechanical and Production Engineering: Advancements and Current Trends (ICIMPACT-2014) during 27-29 Nov., 2014 at M.A. National Institute of Technology, Bhopal.
- Dr. N.V.V.S. Sudheer, Assoc. Prof. V. Chittaranjan Das, presented a paper on 'Investigation on influence of Refrigerated Air and high Heat Transfer rate MQL in Turning of Aluminum Metal Matrix Composite' in the AIMTDR Conference, 2014 conducted from 12-14 December 2014, Department of Mechanical Engineering, IIT Guwahati, Assam.
- Prof. V. Chittaranjan Das, Dr. N.V.V.S. Sudheer, Assoc. Prof. presented a paper on 'Optimization of multiple performance characteristics of the electrical discharge machining process on metal matrix composite (Al/5%TiCp) using grey relational analysis' in the AIMTDR Conference, 2014 conducted during 12 -14 Dec, 2014.





- Dr. N.V.V.S. Sudheer and Dr. K. Kartheeka Pavan presented a paper on 'Effect of Carburizing Flame and Oxidizing Flame on Surface Roughness in Turning of Al/SiC MMC and Teaching-Learning -Based Optimization of Process Parameters', in the 5<sup>th</sup> International and 26<sup>th</sup> All India Manufacturing Technology Design and Research Conference - AIMTDR, conducted by the Department of Mechanical Engg, IIT Guwahati, during 12-14 Dec, 2014.
- Mr. Reddy Sreenivasulu, Asst. Prof, presented a paper titled 'Optimization of Machining Parameters during End Milling of GFRP Composites by Desirability Function Analysis using Taguchi Technique' at AIMTDR-2014 organized by IIT, Guwahati during 12-14 Dec, 2014.
- Mr. Reddy Sreenivasulu, Asst. Prof, G. Surya Teja, A. Ajith Kumar, A. Venkata Rama Krishna, G. Vaishnavi, E.Dinesh Kumar, presented a paper titled 'Design and Fabrication of Solar Human Hybrid Quadricycle - An Eco-friendly Vehicle' at ICEE-2014, JNTU Hyderabad on 15 -17 December 2014 .
- Dr. B. Ramgopal Reddy, Assoc. Prof, D. Subramanya Atchyuth, presented a paper on 'Effect of Chemical Treatment on Mechanical Properties of Kenaf Fiber Reinforced Unsaturated Polyester Composites' in the International Conference on Polymer Composites (ICPC2014), at NIT, Surathkal, Mangalore, 19-20 Dec, '14.
- Mr. K. Balaprasad, Assoc.Prof and Mr. Dasari Kondal Rao, Asst. Prof. attended a national workshop on 'Emerging Technologies in Maritime sector Renewable & Sustainable Energy' organised by Andhra University, on 31 Oct 2014
- Prof. K. Ravindra, HoD, Mechanical, participated in 'Alumni Relations Conference - India' held by FuturEd., on 1<sup>st</sup> November 2014 at Indian School of Business , Hyderabad Campus.
- Mr. K. Balaprasad, Assoc. Prof. Mr. K. Md. Hasheer and Mr. V. TaraChand, Asst. Professors attended a national workshop, sponsored by TEQIP, on 'Advances in Sustainable Energy Studies' at NIT Warangal, during 1-2 Nov 2014.
- Assoc. Prof. Dr. N.V.V.S. Sudheer and Dr. C. Srinivas participated in a QIP Short Term Course on 'Ancient Science and Technologies' held by the department of Aerospace Engg, IIT, Kanpur, during 10 - 14 Nov, 2014
- Mr. D. Kondal Rao and Mr. Ch. Deva Raj , Assistant Professors , attended a one week workshop on 'Fluid Dynamics and Theory to Industrial Applications (FDTIA)' organised by IIT Madras, during 17- 22 November 2014.
- Prof. G. Srinivasa Rao attended an international conference on 'Industrial, Mechanical and Production Engineering: Advancements and Current Trends (ICIMPACT-2014)' during 27- 29 , Nov 2014 at M.A. National Institute of Technology, Bhopal.
- Dr. K. Praveen Kumar Assoc. Prof and Mr. V. Rama Koteswara Rao, Asst. Prof. attended a three day workshop on 'Advances in Welding & Joining Technology' organised by IIT Guwahati during 29-31 December 2014.

## Conferences / Workshops Attended



- Ms. S. Radhika, Ms. D. Swapna, Mr. D. Sameer Kumar and Mr. C. Tarasasanka, Asst. Professors, attended a two day workshop on "Computational Mechanics", organised by Dept of Civil and Mechanical Engineering, RVR & JC College of Engineering (A), Guntur on 15-16 July 2014.
- Dr. B. Ramgopal Reddy, Assoc.Prof. participated in an AICTE sponsored short term course on "Computation Dynamics", organized by the department of Applied Mechanics and Aerospace Engg from 1 - 5 Sept 2014.
- Ms. S. Radhika, Ms. D. Swapna, Mr. Reddy Sreenivasulu, Ms. M. Vijaya and Ms. Sneha Dhoria, Asst. Professors, attended a two day workshop on "Engineering Drawing", under TEQIP-II, organised by dept of Mechanical Engineering, Malla Reddy Engineering College (A), Secunderabad, on 12 - 13 September 2014.
- Assistant Professors, Ms. S. Radhika, Ms. D. Swapna, Mr. Ch. Deva Raj and Mr. G. Kishore Chowdary, attended a one day national seminar on 'Finite Element Methods and its Applications', organised by KKR & KSR ITS , Gnt. on 24 September 2014.
- Ms. D.Swapna, Asst.Prof.attended a one day workshop on "Recent Trends in Fuel Cell Technologies" on 26 September, organised by the Centre for Advanced Energy Studies (CAES), K.L. University, Vaddeswaram.
- Mr. Reddy Sreenivasulu, Asst. Prof. attended a one day FDP on 'Recent Advances in Additive Manufacturing', organized by the Mechanical Dept. of VR Siddhartha Engineering College (A), Vijayawada, on 18 October 2014.

## Research programme



### Ph.D Award

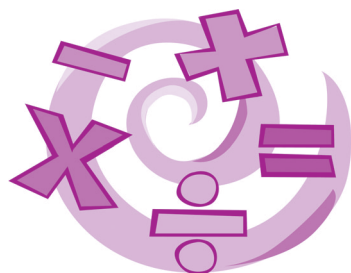
- Mr. K. Praveen Kumar, Asst. Professor, was awarded Ph.D for his thesis on 'Fabrication and Characterization of 2024 Aluminium - High Entropy Alloy Composites' by Andhra University, Visakhapatnam, in July 2014.

## Higher Degree Awarded

- Mr. Y.N.V. Sai Ram, Mr. D. Bharat Prasanna and Ms. K. Sneetha secured their Masters Degrees from GITAM University, KL University and ANU in August 2014 respectively.

## Faculty Recruitment

- Mr. K. Hariprasad, Mr. Y.N.V. Sai Ram, Ms. K. Sneetha, and D. Bharat Prasanna were recruited as Assistant Professors in the Dept. of Mechanical Engineering in July 2014.



Department of

# Mathematics & Humanities

## Faculty Development



### Research Paper Publications

- Professor R . Srinivasa Rao, , K. J. Lakshmi Narayana , Associate Professor, "Some Special Classes of Near-Ring Modules" International Journal of Pure and Applied Mathematical Sciences, Vol 7, No.3, pp. 429 - 439. December, 2014. ISSN 0972-9828.
- Dr. K. S. Balamurugan, Associate Professor, "Thermal radiation and Radiation absorption effects on unsteady MHD double diffusive free convection flow of kuvshinski fluid past a moving porous plate embedding in a porous medium with chemical reaction and heat generation", Far East Journal of Mathematical Sciences (Scopus), Vol. 91, No. 2, pp. 211-231. Sep, 2014. ISSN: 0972-0871.
- Dr. K. S. Balamurugan, Associate Professor. "Soret and chemical reaction effects on a three- dimensional MHD convective flow of dissipative fluid along an infinite vertical porous plate". Journal of Computational and Applied Research in Mechanical Engineering, Iran. Vo.4. No.1, pp.19-42, September 2014. ISSN: 2228-7922.
- Dr. B. Srinivasa Rao, Associate Professor, "Variable Control Charts based on Size Biased Lomax Distribution", Journal of Prob Stat Forum, Vol.7, pp. 55-64. July 2014. ISSN: 0974-3235.
- Dr. B. Srinivasa Rao, Associate Professor, "Acceptance Sampling Plans based on Linear Failure Rate Distribution", Journal of Economic Quality Control, Vol.29, 2014, pp.221-231, Oct, 2014. ISSN: 0940-5151.
- Dr. B. Srinivasa Rao, Associate Professor, "Group Acceptance Sampling Plans for life tests based on Half Normal Distribution", Srilankan Journal of Applied Statistics, Vol.15, No.3, pp.221-231, November 2014. ISBN: 1391-4987
- Mr . I. R. B. Sarma, T. V. N. Prasanna, J. Madhusudana Rao and A. V. Ramakrishna, Assistant Professors, "Near Relatives of Homogeneous Maps", Southeast Asian Bulletin of Mathematics, Vol 38(4), pp.543-554, July 2014. ISSN 0129-2021.
- Mr. J. Madhusudana Rao and A. V. Ramakrishna, Assistant Professor, "On Embedding a Semi group in a Group", Journal of Resonance, Vol., No. 18, pp.740-752, August 2014. ISSN 0971-8044.



### Paper Presentations in Conferences

- Dr. K.S. Balamurugan, Associate Professor, "Thermal radiation and radiation absorption effects on unsteady MHD double diffusive free convection flow of Kuvshinski fluid past a moving porous plate embedded in a porous medium with chemical reaction and heat generation". II International Conference on Applications of Fluid Dynamics, organized by Department of Mathematics, S.V. University, Tirupati in Association with University of Botswana, Botswana during 21-23 July 2014.
- Mr. S. Masthan Rao, Assistant Professor, and Dr. K.S. Balamurugan, Associate Professor, "Chemical Reaction and Thermo Diffusion effects on MHD free convection flow past a moving vertical plate with time dependent suction and heat source in a slip flow regime". II International Conference on Applications of Fluid Dynamics, organized by Department of Mathematics, S.V. University, Tirupati in Association with University of Botswana, Botswana during 21-23 July 2014.
- Dr. K. S. Balamurugan, Associate Professor, "Chemical reaction and radiation absorption effects on MHD convective flows in a wavy channel". XXIII Congress of APSMS and National Conference on Mathematics, organized by Department of Sciences & Humanities, Vignana University, Guntur, during 12 -14 Dec, 2014.
- Dr. B. Srinivasa Rao, Associate Professor, "Variable Control Charts based on Dagum Distribution", 34<sup>th</sup> annual conference of Indian Society for Probability and Statistics (ISPS) organized by Department of Mathematics, Sri Venkateswara University, Tirupati during 30 November - 2 December 2014.
- Mr. A. V. Ramakrishna, Assistant Professor, "Some Results on Certain Symmetric Circulant Matrices", UGC sponsored National Seminar on 'Recent Trends in Mathematical Sciences and Future Prospects', organized by Department of Mathematics, A. C. College, Guntur, during 10 -11 December 2014.
- Dr. CH. H. K. Gopal, Associate Professor, "Unsteady Hydro magnetic Flow of an Incompressible Electrically Conducting Maxwell Fluid through a porous medium in a Rotating Parallel Plate Channel" II International Conference on Applications of Fluid Dynamics organized by Department of Mathematics, S. V. University, Tirupati, during 21 - 23 July 2014.





## Conferences / Workshops Attended



- Dr. K. Rajasekher, Professor and Head of the Department attended a two day workshop on 'Computational Mechanics' jointly organized by department of Civil and Mechanical Engineering, R.V.R. & J.C. College of Engineering, Guntur during , 15 -16 July, 2014.
- Dr. K. Rajasekher, Professor and Head of the Department attended a UGC Sponsored National seminar on 'Recent Trends in Mathematical Sciences and Future Prospects', organized by Department of Mathematics, A. C. College, Guntur during 10 & 11 December 2014.
- Dr. K. Rajasekher, Professor and Head of the Department attended the XXIII Congress of APSMS and National Conference on Mathematics organized by APSMS, Vignan University during 12 -14 December 2014.
- Dr. K. Rajasekher, Professor and Head of the Department, attended a UGC sponsored two day National seminar on 'Recent Developments in Mathematics and its Applications', organized by Department of Mathematics, Acharya Nagarjuna University, Guntur during 22 - 23 December 2014.
- Dr. K. S. Balamurugan, Associate Professor, attended a two day workshop on 'Computational Mechanics', jointly organized by department of Civil and Mechanical Engineering, RVR & JC College of Engineering, Guntur during 15 -16 July 2014.
- Dr. CH. H. K . Gopal, Associate Professor, attended a two day workshop on 'Computational Mechanics', jointly organized by department of Civil and Mechanical Engineering, RVR & JC College of Engineering, Guntur during 15 -16 July 2014.
- Mr. A. V. Ramakrishna, Assistant Professor, attended a one day workshop on 'Optimization Techniques' and its Applications organized by Department of Mathematics and Humanities, Gudlavalleru Engineering College, Gudlavalleru on 13 September 2014.

- Mr. K.J.Lakshmi Narayana, Associate Professor, attended the XXIII Congress of APSMS and National Conference on Mathematics, organized by APSMS, Vignan University during 12 - 14 December 2014.
- Mr. K. J. Lakshmi Narayana, Associate Professor, attended a two day workshop on 'Computational Mechanics' jointly organized by department of Civil and Mechanical Engineering, RVR. & JC College of Engineering, during 15 -16 July 2014.

## Research programme



### Ph.D Award

- Mr. S. Masthan Rao, Assistant Professor was awarded Ph.D in Fluid Mechanics for his thesis on 'Chemical Reaction Effects on some Hydro Magnetic Free Convection Flows' by S. V. University, Tirupati, in October, 2014.

### Ph.D Registration

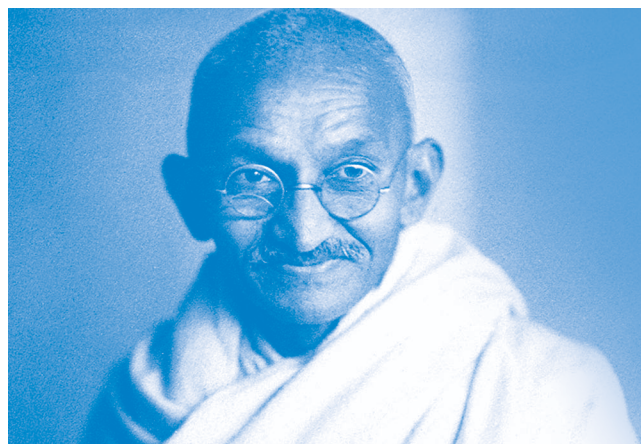
- Mr. M. Sudhakar, Associate Professor of Mathematics, registered for his Ph.D with the Department of Mathematics of Acharya Nagarjuna University in 2014 . His topic is "Computational Fluid Dynamics".

## Faculty Recruitment

- Dr. P. Anantha Lakshmi has been recruited as Asst. Prof. of English on 6<sup>th</sup> November 2014.

## Faculty Relieved

- Ms. M. Shantha, Associate Professor, was relieved of her services on 28<sup>th</sup> August, 2014



The weak can never forgive. Forgiveness  
is the attribute of the strong

– Mohandas Karamchand Gandhi  
2 October 1869 – 30 January 1948



Department of

# Information Technology

## Knowledge Sharing

### Guest Lecture Delivered



- Mr. V. Sessa Srinivas, Asst. Professor in the Dept. of IT, delivered an invited guest lecture on "Data Warehousing" to the students of MCA, at the Department of Computers, Hindu College, Guntur, on 24 September 2014.

## Faculty Development

### Research Paper Publications



- A research paper on "A Naive Fuzzy Clustering Method for Pixel Segmentation by Using Differential Evolution", written by Mr. V. Sessa Srinivas, Asst. Professor, was published in the International Journal of Advanced Trends in Computer Science and Engineering, Vol.3, No.5, pp 5-10, ISSN 2278-3091.

### Paper Presentations in Conferences



- Mr. K. Subramanyam, Asst. Professor presented a paper on "Improving Speech Recognition Accuracy Using Levenshtein Distance Algorithm" in the national conference on RF Wireless Communication & Signal Processing (NCRFWCSP-2014), organised by BEC, Bapatla during 17 - 18 Nov, 2014.
- Mr. M. Pompapathi, Asst. Professor presented a paper on "Review of Image Denoising Schemas" in the national conference on RF Wireless Communication & Signal Processing (NCRFWCSP-2014), organised by BEC, Bapatla, during 17 - 18 Nov, 2014.
- Mr. K. Srinivas Rao, Asst. Professor presented a paper on "Identifying the Behavior : Nodes, Route and Collusion Attacks in MANET" in the International Conference on Contemporary Computing and Informatics (IC3I), organised by Sri Jayachamarajendra College of Engineering (SJCE), Mysore, during 27 - 29 Nov, 2014.

### Workshops Attended



- Ms. N. Neelima, Mr. K. Subramanyam, Ms. B. Manasa, Mr. K. Gowrisankar, Asst. Professors, attended a workshop on 'Recent Trends in Communication Technologies and Signal Processing' organized by the department of ECE, Vignan University, Guntur, during 27 -28 Sept, 2014.

- Mr. V. VenkataSrinivas, B. Satish Babu, G. Swetha, Y. Madhulika, Asst. Professors, attended a three day workshop on 'Recent Trends on Graph Theory and its applications' organized by the department of CSE, NIT, Warangal, during 11 - 13 October 2014.
- Dr. M. Ramesh, Assoc. Professor attended a workshop on 'Big Data Analytics' organized by the department of Statistics, Acharya Nagarjuna University, Guntur, on 20 October 2014.
- Mr. M.V. Bhujanga Rao, Mr. A. Yaswanth Kumar, Asst. Professors, attended a workshop on 'Cyber Security' with special focus on Cyber Crimes and Cyber Laws, organized by the department of CSE, P B Siddhartha College of Arts & Science, Vijayawada, during 15 -16 Nov, 2014.
- Mr. B. Venkateswarlu, Assoc. Professor attended a two day workshop on 'Initiatives for Quality Improvement in Engineering Education' organized by SV University of Engineering, Tirupati, during 15 -16 November 2014.
- Mr. M. V. Bhujanga Rao, V. Venkata Srinivas, B. Satish Babu, A. Yaswanth Kumar, K. GowriSankar, Asst. Professors, attended a three day workshop on 'Recent Trends on Graph Theory and its applications' organized by the department of CSE, Acharya Nagarjuna University, Guntur, during 9 - 10 December 2014.
- Mr. M. Pompapathi and Mr. V. Sessa Srinivas, Asst. Professors attended the 2<sup>nd</sup> International workshop on 'Computer Vision & Machine Learning (IWCVML-2014)' organized by department of Mathematics and Computer Sciences, Sri Sathya Sai Institute of Higher Learning, Puttaparthi, during 10 -13 December 2014.
- Mr. B. Hementh Kumar, Assoc. Professor attended a national workshop on 'Advances in Web Mining and Big Data' organized by department of CS&SE, AU College of Engineering, Andhra University, Visakhapatnam, during 18 - 19 December 2014.

## Research programme



### Ph.D Award

- G. Rama Mohan Babu, Associate Professor received Ph.D. degree for his thesis on "Novel Morphological Methods for Shape Representation and Recognition" from Acharya Nagarjuna University, Guntur, in December - 2014.





## Department of **Computer Applications**

### Knowledge Sharing

#### Guest Lectures Organised

- Ms. Satuluri. Anuradha, Senior Software Engineer, Pay Pal, Chennai, advised all the second and final year students of MCA on the 'Importance of Data Structures in Product Development' on 1 November 2014. In her guest lecture, Ms. Anuradha educated students on the usage of various data structures, concepts, development of software products and some latest technologies like Agile tool. In another session, conducted for the first year MCA students, the same day, Ms. Anuradha, advised them on 'Goal setting' and Strategic planning'. As a part of her lecture, she explained the importance of planning and the need of equipping oneself with employability ready skills by updating ones skills. She gave a strategic picture as to how to reach goals. The talks were concluded after her interaction with students for one hour.

### Faculty Development

#### Research Paper Publications

- A research paper on "A Fuzzy Differential Evolution Algorithm for Job Scheduling on Computational Grids" written by Assoc. Prof., Mr. Ch. Srinivasa Rao, Dr.B.Raveendra Babu was published in the International Journal of Computer Trends and Technology (IJCTT), Vol. 13, No. 2, pp.72-77, July 2014, ISSN:2231-2803.
- A research paper on 'A Hybrid Content Based Image Retrieval for Classification of Mammograms" written by Asst. Prof. I. Naga Padmaja, T.Sudhir and Dr. E. Srinivasa Reddy, was published in the International Journal of Engineering Research & Technology (IJERT), Vol 3, Issue 9, pp.1122 - 1125, September 2014, ISSN: 2278-0181.
- A research paper on 'A Study on Pattern Discovery System for Web Content Mining' written by Asst Prof. Ms. M.Vasavi, was published in the International Journal of Marketing and Technology (IJMT), Vol 4, Issue 10, pp.105 - 112, October 2014, ISSN: 2249-1058.
- A research paper on 'A New Fuzzy based Evolutionary Optimization for Job Scheduling with TLBO' written by Assoc.Prof., Mr. Ch.Srinivasa Rao and Dr.B.Raveendra Babu was published in the International Journal of Computer Applications (IJCA), Vol.105- No. 3, pp. 6-11, November 2014 ISSN: 0975 - 8887.

### Workshops Attended

- Asst. Professors, M. Vasavi, M. Chaitanya attended a workshop on "Recent Trends in Graph Theory and its Applications", organized by the Dept. of CSE, NIT Warangal during 11-13 Oct, 2014.
- Asst.Professor, M.Brahmaiah attended a workshop on "IPv6 essentials: Future of the Internet", organized by the School of Information Technology, JNTU(H) and Marte Byte Solutions Ltd, during 25 November 2014.
- Asst.Professors, I.Naga Padmaja, V.Sujatha Lakshmi attended a workshop on "Mathematical Principles of Cryptography and Cryptanalysis", organized by the School of Computer & Information Sciences, University of Hyd, during 1-2 December 2014.
- Asst.Professors, Ch.Sudha Sree, T.Hymavati attended a workshop on "Big Data Analytics", organized by the Department of Computer Science & Engineering, University College of Engineering & Technology, Acharya Nagarjuna University, Guntur, during 9-10 Dec, 2014.

### Research programme

#### Project Under Progress

- A DST Project granted under Technology Systems Development (TSD) with financial support of Rs.11.34 lakhs, entitled 'Segmentation of Medical Images using Multi-objective Evolutionary Optimization' is in progress.Principal Investigator, Professor, K. Karteeka Pavan, and Co principal investigator, Mr. Ch. Srinivasa Rao, Associate Professor & HOD are working on the project. (Ref.No.DST/TSG/NTS/2012/79-G).

#### Higher Degree Awarded

- B. Krishna Mohan, Asst. Professor, secured M.Tech degree from JNTU, Kakinada in June 2014.
- I. Naga Padmaja, Asst. Professor, secured M.Tech degree from JNTU, Kakinada in November 2014.
- P. Siva Prasad, Asst. Professor, secured M.Tech degree from JNTU, Kakinada in December 2013.

#### Faculty Enrolled for Ph.D.

- Ms.V.Sujatha Lakshmi, Asst.Professor, enrolled for Ph.D programme with Krishna University, Machilipatnam, in December 2014. Her topic of research is 'Privacy Preserving in Data Mining'.



## Department of **Management Sciences**

### Management Meet

- The Fifteenth Ramarayudu Memorial Management Meet (State Level B-School Meet) was organized by Department of Management Sciences, on August 2<sup>nd</sup>, 2014. Nearly 35 colleges and about 200 students participated. Dr. K. Basava Punnaiah, President, RVR & JC College of Engineering, presided over the function Sri CA. K. Purna Chandra Rao, Vice- President, Capital IQ, Hyderabad, Chief Guest, exhorted the students to develop technical, conceptual and soft skills required for successful careers and placements. He said such Man Meets are suitable platforms to enhance personality and acquire required skills. Sri R. Gopala Krishna, Secretary and Correspondent, Dr. Maddineni Gopalkrishna, Treasurer, Dr. A. Sudhakar, Principal attended the meet. Students from more than 35 Colleges, in and around the state participated in the Management Meet.
- BWA Property Show 2014 was organised by Builders Welfare Association, Guntur in association with the Department of Management sciences on 4 – 5 October 2014. Faculty members of MBA, Professor B.K. Surya Prakasha Rao, Dr. K.Surya Narayana, Mr. P. Vamsi Krishna, Mr. A.V.S. Ashok, Mr. P. Siddhardha along with 25 students took active part in conducting the show.

### Peter F. Drucker Lecture

- The Seventh Peter F. Drucker Lecture was organized by the Department of Management Sciences on 5 December 2014, Professor V.S. Prasad Former Director NAAC delivered the Memorial lecture on “The New Realities of Higher Education: Challenges and Prospects.” Professor C. Subba Rao Former Chairman, APSCH, Hyderabad, Professor V.Venkaiah Vice-Chancellor, Krishna University and Dr.Bommidala Sri Krishna Murthy, M.D, Bommidala International, Guntur were the distinguished guests of honour and they addressed the gathering. Dr. K. Basava Punnaiah, President, Sri. Rayapati Gopala Krishna, Secretary and Correspondent, Dr. Maddineni Gopalkrishna, Treasurer, Dr. A. Sudhakar, Principal RVR & JC College of Engineering attended the function.



### Guest Lectures Organised

- Mr. G.S. Vinayak, Assistant Manager, National Stock Exchange of India Ltd, Hyderabad. advised all the final year students of Management Sciences on “Prospects

for Management Students in Financial Markets – Role of NSE certification” on 5<sup>th</sup> July, 2014

- Mr. D. Venkateswarlu, Manager, Securities Exchange Board of India, Hyderabad. advised all the final year students of Management Sciences on “Role of SEBI in Indian Securities Markets” on 5<sup>th</sup> July, 2014
- Dr. K. Anuradha, Faculty IPAG Business School, Paris. addressed the final year students on “Cross Culture and its impact on International Trade” on 22<sup>nd</sup> July 2014.
- Professor, B. Rajashekar, School of Management, University of Hyderabad, Hyderabad. addressed the students on “Quantitative Tools for Decision Making in Management” on 20<sup>th</sup> October, 2014
- Mr, M. R. Chandu Deputy General Manager-HR, CCL Products India Ltd, Duggirala, Guntur, addressed the students on “Beyond Words – Listening and Non-Verbal Communication” on 5<sup>th</sup> November, 2014
- Professor Noor Basha Abdul, Chairman Board of Studies P.G, Department of Commerce and Business Administration, ANU, Guntur, advised the first year students on “Emergence and Impact of Economic Reforms in India” on 15<sup>th</sup> November 2014.

### Faculty Development

### Research Paper Publications



- A Research paper on ‘Framing HRD Strategies for a Sustainable Virtual Organization: A Case Study of Oracle Corporation’ written by Prof. B. K.Surya Prakasha Rao, Head and Mr P.Vamsi Krishna and Mr P.Siddhardha Asst. Profesors. was published in the International Journal of Research and Business Innovation, Vol 2, Issue 3, pp.25 - 27 July- Dec, 2014 ISSN : 2321-5615.
- A Research paper on ‘The Business of Excellence – Tata Way’ written by Prof. B.K. Surya Prakasha Rao, Head, Mr A.V.S. Ashok, and Mr. D. Chakradhar, Asst. Professors, was published in the International Journal of Research and Business Innovation ,Vol 2, Issue 3, pp.111 - 117 July- Dec, 2014 ISSN : 2321-5615.
- A Research paper on ‘Role of Total Quality Management in Sustainable development of Organizations’ written by Prof.B.K.Surya Prakasha Rao, Head , was published in the International Journal of Research and Business Innovation, Vol 2, Issue 3, pp.89 - 92 July - Dec, 2014 ISSN : 2321-5615.





- A Research paper on 'Customer Satisfaction in Private and Public Sector Banks In India – A Scientific Analysis' written by Dr. T.Sree Krishna, Assoc. Prof. was published in the International Journal of Research and Business Innovation, Vol 2, Issue 11, pp.17 - 23 July- Dec, 2014 ISSN : 2347-1670.
- A Research paper on 'Six Sigma: A Contemporary Note of Methodology, Innovation and Implementation' written by Dr. T. SreeKrishna Assoc. Prof., Ms M. Manjusha, Asst. Prof. was published in the International Journal of Research and Business Innovation, Vol 2, Issue 3, pp.67 - 70 July- Dec, 2014 ISSN : 2321-5615.
- A Research paper on 'Role of Technology in Achieving Business Excellence in Supply Chain Management' written by Prof. B.K. Surya Prakasha Rao, Head, Dr. K. Surya Narayana Assoc. Prof. was published in the International Journal of Research and Business Innovation, Vol 2, Issue 3, pp.45 - 50 July-December 2014 ISSN : 2321-5615.
- A Research Paper on "Forecasting Models in Supply Chain Management" written by Dr. K. Surya Narayana Assoc. Prof., was published in Stanford Journal of Management, Vol 1, Issue 15, pp. 25-32, July 2014, ISSN : 2321-1652.

- A Research Paper on "FDI in Retail Sector is a Boon or Bane in India Scenario" written by Prof B.K.Surya Prakasha Rao, Head, Ms. M. Manjusha and Mr. A.V.S. Ashok, Asst. Professors, was published in International Journal of Entrepreneurship & Business Environment Perspective, Vol 3-4, pp. 1239 - 1246 Oct - Dec, 2014, ISSN: 2279-0934



### Paper Presentations in Conferences

- Prof. B.K. Surya Prakasha Rao, Head and Dr.K.Surya Narayana Assoc. Prof., presented a paper on "Determine the Optimal Portfolio Mix using Linear Programming Problem (LPP)" organized by Prabhala P.G. College for Women, Nagarjuna Nagar during 21 - 22 October 2014.



### Industrial Visits

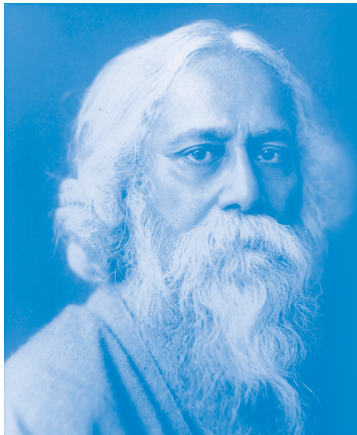
- Two short Industrial visits were arranged for the final MBA students to Pearl Beverages Ltd (Pepsi Co) Thumalapalam, and to Coca-Cola Beverages Ltd, Atmakuru, Mangalagiri on 7 July 2014 and 10 October 2014 respectively.



Peter F. Drucker lecture in progress



Sri Purnachandra Rao being felicitated



The highest education is that which does not merely give us information, But makes our life in harmony with all existence

- Rabindranath Tagore



# Training and Placement Cell

## Campus Placements - 2014 -15

*271 students were recruited by 16 companies through on campus and pool campus drives that were held during August – December, 2014. Ten companies visited the RVR & JCCE for On campus placement drives while the other six were pool campus drives. More campus drives are scheduled till May 2015.*

**TCS** - Tata Consultancy Services, (TCS) Hyderabad, visited the campus for placement for all final year B.Tech, M.Tech and MCA students during 17 - 22 September, 2014 . The recruitment process was an On-line written test, TR & HR interviews. 905 students of different streams attended the drive. 468 students qualified the written test. 177 students got selected by successfully completing further rounds . A team of 20 TCS personnel conducted the drive .

**NTT Data**, an MNC was on the RVR & JCCE campus for three days i.e on 10, 14 and 15 November 2014 to conduct a pool campus drive. In this drive, nearly 1500 students from 10 engineering colleges , along with RVR & JCCE students competed to grab job offers . Finally, NTT Data selected 25 RVR students, while nearly 20 students from other colleges secured jobs through this drive. A team of 16 members conducted this drive. Final B.Tech students of CE, CSE, ECE, EEE, IT, Mechanical , as well as M.Tech and MCA students took the recruitment test which comprised a written test, GD and personal interviews .

**Satyam Ventures Engineering Services**, (SATVEN) Secunderabad, visited the campus to conduct placement drive, for final B.Tech Mechanical Engineering students on 6<sup>th</sup> November, 2014. The recruitment process comprised a written test, followed by GD, TR and HR rounds. Out of 140 students that attended the drive, 40 got through the written test and 16 were screened after the GD. Finally, 8 students were selected.

**Tulasi Technologies**, Bangalore, held campus placement drive on 26 November 2014. Final year students of CSE , IT and MCA attended this drive. The process was a written test, GD and personal interviews. 135 students attended the drive, 35 qualified the written, 13 got through the next round GD and 6 got selected by clearing further rounds.

**Hexagon Capability Center India Pvt. Ltd.**, Secunderabad, visited the campus on 5 December 2014 to select students through campus recruitment. B.Tech students from CSE, IT, ME, M.Tech (Civil structures) attended the drive which comprised a written test and personal interviews. 168 students attended the drive, 30 got through written and 3 students got selected after clearing further rounds.

**Polaris Financial Technology**, Chennai, recruited 6 students after testing students of their aptitude,



Tech Mahindra selected students

communication and interview skills. The drive took place during 7 and 8 Dec, 2014. Final year B.Tech students from CSE, ECE and IT branches attended the drive. The test pattern included a written test, GD and personal interviews. 119 students attended the drive, while 63 qualified in written, 22 got qualified in GD and finally, 6 students were offered jobs, after clearing technical and HR rounds.

**Tech Mahindra**, Hyderabad, recruited 16 students after testing students of their aptitude and English writing skills, on 9 December 2014. The drive was held for B.Tech (CSE, ECE, EEE & IT) and MCA streams. The process comprised a written test and personal interviews. 325 students attended the drive, 32 got qualified in the written test and 16 got selected by completing further rounds successfully.

**Granules India**, Hyderabad, visited the college for campus recruitment drive on 12 December 2014 for assessing B.Tech, Chemical and Mechanical students. The process was a written test and personal interviews. 108 students attended the drive, 30 got qualified in written test and 15 got selected after completing their interviews successfully.

**coMake IT**, Hyderabad, visited the campus on 22 December 2014 for carrying recruitment drive for B.Tech (CSE & IT) and MCA students. The process was a written, GD and personal interviews. 126 attended the drive, 28 qualified in written, 21 got qualified in GD and students are awaiting the final result.

**Fortune Butterfly** visited the campus for placement drive on 26 Dec, 2014 for recruiting Civil Engineering students. 80 students attended the drive and are awaiting result.





## Pool Campus Drives >>>

**ADP** 260 students of B.Tech from all streams, attended the pool campus drive held by ADP, Hyderabad at K.L.University on 17 November 2014. One Student was offered job.

**Genpact** 43 MBA students attended pool campus drive, held by Genpact, Hyderabad at K.L.University on 18 November 2014. 4 students qualified in written and 3 students got selected.

**Mphasis** 75 Students of B.Tech (CSE, ECE & IT), and MCA attended pool campus drive held by Mphasis, Pune at Vishnu Engineering College for Women, Bhimavaram on 14 December 2014. 7 students attended and one student secured job.

**Virtusa** Hyderabad held its pool campus drive at NRI Institute of Technology, Agiripalli on 16 December 2014. 33 got through the written test but none were able to make into the final round.

**WIPRO** 50 students of MCA attended a pool campus drive held by Wipro, Hyderabad at JKC College Guntur on 17-18 December 2014. 18 students qualified in written, 11 students qualified in GD and 9 students got selected by successfully completing personal interviews.

**FactSet Systems** 48 MBA students attended a drive held by FactSet Systems, Hyderabad at KL University on 22 December 2014. Seven students qualified in the written and one student was offered the job.



## Training Programmes >>>

- A workshop was organised on 'Employability Skills and Technology Expectations' for all the final year B Tech, II MCA, & I M.Tech students on 11 July 2014. Resource persons, Mr. K.S.M. Adithya Kumar and Mr. S.K. Swamy from TCS interacted with students and advised them on the industry needs and skill sets required to be successful professionals.
- A one week Campus Recruitment Training Programme (CRT) was held by the Triumphant Training Solutions and Seventh Sense Solutions for all the final year B.Tech and MCA registered students, in two spells, i.e from 19 - 26 July.
- A one day Training Programme on 'Introduction to Aptitude and its Importance' by Mr. J. Sridhar of Triumphant Training Solutions was conducted for all III year B.Tech students and all II year MCA students on 30 July and on 11 December, respectively
- Campus Recruitment Training Refresher Programme was conducted by Triumphant Training Solutions and Seventh Sense Solutions for all final year B Tech and final MCA students on 6 September 2014.
- A Talk on 'Career Counselling & Goal Setting' was given by Mr. Sumanth Palepu of Conduira Education & Training Services for all the II year B.Tech students on 25 September.
- A workshop was conducted on 'Life Skills' by experts of IMS, Guntur on 8 October.
- A lecture on 'The Importance and Inevitability of Communication Skills' was delivered by Mr. S. Subramanyam, Executive of TCS for all the branches of first year B.Tech and I MCA students, in two spells, on 6 December 2014.
- A lecture was delivered to the students of final year CSE, IT and MCA on 'Share Point' by Mr. A. SivaSankar, of Real Page on 11 December 2014.



## Practices for Holistic Development

### NSS



High Court Chief Justice C. Kodandram, Guntur District Judge, Sri Rafi participated in the plantation programme at Jaladi



Swachh Bharat



NSS volunteers in Swachh Bharat, at Obulanaidu palem

The NSS Unit with its energetic hands and good souls organized some service programmes during July - December 2014.

- 80 NSS volunteers participated in a Mega Plantation and Sanitation Programme, in collaboration with Grama Bharathi, Jaladi, at Jaladi Village on 18 July and planted 1000 saplings.
- Voluntary Blood Donors Club of RVR & JCCE organized two blood donation camps. In the first camp conducted on 9 July 2014, 50 NSS volunteers donated their blood at NTR Memorial Trust Blood Bank, Guntur. In another blood donation camp organized by the unit, 95 students donated their blood to NTR Memorial Trust Blood Bank on 21 September 2014. Mr. M. Sudhakar, NSS, PO, donated his blood for the 49<sup>th</sup> time.
- 120 NSS volunteers participated in Swachh Bharath held on 15 October at RVR & JCCE adopted village, Obulanaidupalem to generate awareness among the people about cleaning and plantation. Yet, in another programme held at ANU, on the occasion of Gandhi Jayanthi, on 2 October, 25 NSS volunteers participated in Swachh Bharath.
- A Blood Grouping Camp was organized on the college campus during 15 - 19, Dec, in which nearly, 1100 students of first year B.Tech, MBA, MCA and M.Tech got tested their blood group.
- NSS Programme Officer, Mr. M. Sudhakar was selected as AP Team Contingent Leader in the National NSS Mega Camp held at Jain Viswabharathi University, Rajasthan, Ludnun during 5 - 16 September. Nearly 400 volunteers across the country attended this mega camp, of which 13 students represented AP and among these thirteen, three students were from RVR & JCCE. Mr. M. Sudhakar led the entire national team during the camp and received 'Best Active Team Contingent Leader Award'. One volunteer, Mr. R. Saidheeraj of third mechanical, grabbed a prize for "Web Designing" of NSS Mega Camp.

### NCC



The total sanctioned strength of NCC cadets at RVR&JCCE NCC unit is 50.30 Cadets secured NCC-C - Certificate in the academic year 2013-2014, where as, 22 cadets enrolled for C- certificate and 28 cadets for B certificate in the academic year 2014-2015. 10 cadets attended CATC-I Camp held at Chirala during 10 July to 19 July 2014, while 12 cadets attended CATC-IV Camp held at Giddalur from 26 September to 5 October 2014. Apart from this, regular NCC parades are being conducted on the campus as per the instructions received from 1(A) Engr.coy.





## LITERARY AND CULTURAL

With good cooperation and support from the Literary and Cultural Committee (L&CC) of the college, the **SICo** (Student Integrated Committee) with its 10 fold clubs, organized many competitions in cultural, technical and literary fields during July-December-2014. Details of competitions follow:

- **Club Endeavour**, the Literary Club, organized General Quiz competition for UG and PG students on 12 August 2014. Prizes were given away to first, second and third place winners.
- **Club Spark** organised competitions in Technical Working Model Presentation and Software Development competitions on 20 September 2014. Prizes were distributed for I, II and III place winners.
- **Helping Hands** – Service Club – The members of the club have distributed sweets and crackers for orphans and blind people at Sri Sai Deena Janodharana Samithi, Brodipet, Guntur on 22, Oct, 2014, on the eve of Deepavali. Yet, in another programme, students distributed fruits for veteran people at Asrayam on 28 Nov, 2014.
- **Club Theatrix** organized competitions in Skit, Miming, Mimicry on 25 October and cash prizes were distributed for the winners and runners.
- **Club Spectrum** organised 'Short Film' competitions on 'Internet Life and other message oriented films' on 29 November 2014. Cash prizes were given away to the winners.
- **Red Ants**, the Fine Arts Club organised competitions in Face Painting, Soap Carving and Fiber Crafting for students, on 8 November 2014. Prizes were distributed for winners.
- **Club Spark** organised a two day workshop on 'Big Job Hunting' by Mr. Karumanchi Narasimha, IIT, Bombay, who is the author of seven books and also the founder of Career Monk ([www.CareerMonk.com](http://www.CareerMonk.com)). This workshop, held during 3 – 4 December 2014, covered topics like - Introduction to Algorithms, and few logical problems.
- **Club Waltz** organized competitions in Classical, Folk, Western Dances, Old is Gold (both Solo & Group) during 29-30 December 2014.



Mr. K. Narasimha



Club - Waltz Competition



Rangoli Competition

## Music Club >>>

- The College Music Club has been organising "RVR & JC IDOL" competition every year. This is the fourth consecutive year, the club organized the event, during 29– 30 Dec. About 40 participants contested for the title. In the finals which was organized on 30<sup>th</sup> Dec, 2014. Ms. Tripura of II Mechanical was declared **RVR & JC IDOL 2014**. Mr. R. Prem Kumar and Ms. B. Bhuvaneswari of Guntur acted as judges.
- **The Literary and Cultural Committee** organized a Cultural Concert by **SPIC MACAY** (Society for the Promotion of Indian Classical Music & Culture among Youth), New Delhi, by Vedantam Venkata Naga Chalapathi Rao, a renowned Classical Dancer and his Team on 9 December 2014.

## Awakening Cultural Spirit >>>

To inculcate cultural sense and love for arts, the Literary and Cultural Committee planned to give classes to the interested UG and PG students, twice a week, i.e., on every Tuesday and Thursday, from 3.00 p.m to 4.30 p.m at the student activity centre. These classes are being handled by professionals, Mr. R. Prema Kumar - Instrumental, Ms. B. Bhuvaneswari - Vocal, Mr. B. Suresh Babu - Classical, Folk Dance and Mr. N. Gangadhar - Western Dance.



# Sports *and* GAMES

*In the Nagarjuna University Inter-collegiate Tournaments organized during 2014-15, selections were held for Cricket, Volleyball, Basketball, Chess, Athletics, Shuttle Badminton, Softball and Baseball teams. Nearly five hundred students participated in the selections. Some of the teams who have cleared selection trails, competed and won prizes in table tennis, chess and other competitions organized at different colleges, affiliated to Nagarjuna University.*

- A team of students from the final and third year, Mr. G. Vamsi Krishna, Mr. P. Gopi Krishna, Mr. M. Sarath Chandra, Mr. Mir. Afzal Abbas Baqvari stood in **1<sup>st</sup> Place** in the ANU Inter-Collegiate Table Tennis Tournament held at Chalapathi Institute of Pharmaceutical Sciences, LAM, during 10-11 September 2014.
- The College Chess - Men and Women teams participated in the ANU Inter-Collegiate Tournament, held at University College of Engineering & Technology, A.N.U, Guntur during 8-9, October and grabbed **1<sup>st</sup> Place** in Women category and **3<sup>rd</sup> Place** in Men category.
- A Badminton team with Mr. K. Hanesh, Mr. R. Dilip Kumar, Mr. B. Nagarjuna, Mr. P. Saivineeth, Mr. A. Swarnateja Mr. V. M. Girish Kumar stood in **1<sup>st</sup> Place** in the ANU Inter-Collegiate Badminton (Shuttle) Tournament held at S.S & N College, Narasaraopet during 25 - 26 October 2014.
- Mr. G. Vamsikrishna, Mr. P. Gopikrishna, Mr. M. Sarath Chandra, Mr. Afzal Abbas Baqvari stood in **1<sup>st</sup> Place** in the Inter District Table Tennis Championship held at Guntur during 25 - 26 October.
- The College Volley Ball Men's team stood in **1<sup>st</sup> Place** in the SreeVison-14 Fest, organized by Srinidhi Institute of Science & Technology, Gatkesar (R.R.Dist) from 13 - 15, October
- Ms. SK. Aayasha Mallika of Mechanical third year, participated in VIVA VVIT Fest and stood in **I Place** in 100M, **III Place** in 400M and Long jump held at VVIT Engg. College, Nambur, Guntur during 5 December.
- The Volley Ball Team (Men) of RVR & JC CE participated in the ANU Inter-Collegiate Tournament, held at Vignan Degree College, Palakaluru from 29 -30 September 2014.
- The RVR & JC CE Cricket team participated in the ANU Inter-collegiate Tournament held at BG Degree College, Sattenapally on 7<sup>th</sup> Oct., 2014.
- The college organized Acharya Nagarjuna University Inter-Zonal Base Ball Tournament (Men) on 11 - 12, Nov. 2014 on the RVR & JCCE Campus.
- Mr. G. Vamsikrishna, Mr. M. Sarath Chandra, Mr. Afzal Abbas Baqvari were selected for ANU Table Tennis team and participated in the South India Inter-university Tournament held at SRM University, Chennai during 3-8 November 2014.
- Mr. M. Rahul of III Mech, was selected for A.N.U Volley Ball team and participated in South India Inter-university Tournament held at Krishna University, Machilipatnam during 8-12 October 2014.



*Chess Team (Women) I prize*





- Ms. K. Kiranmayee of final Civil, represented Acharya Nagarjuna University Basket Ball team, held at Hindustan University, Chennai during 5 -7 November 2014.
- Mr. K. Hanesh of final EC, Mr. R. Dilip Kumar of first Mech were selected for ANU Badminton (shuttle) team and participated in South India Inter-University Tournament held at Bharathiyar University, Coymbattur from 26-30 December 2014.
- Mr. N. Nageswara Rao of II MCA was selected for A.N.U Base Ball team and will participate in All India Inter-University Tournament that will be held at Acharya Nagarjuna University, Nagarjuna nagar in January.
- Mr. P. Srikrishna of MBA was selected for A.N.U Cricket team and participated in South India Inter-University Tournament held at Anna University, Chennai during 19 - 27 November 2014.
- Mr. Safi Ahmed Khan of third Mechanical was selected for ANU Foot Ball team and participated in South India Inter-University Tournament held at Calicut University, Calicut, during 13-22 December 2014
- The RVR & JC CE team (Men & Women) participated in ANU Inter-Collegiate Athletic Meet held at KVR.KVR& MKR College Khajipalem from 6 - 7 December 2014.
- Baseball selections were conducted on the campus for ANU Baseball (Men) team. The selected ANU Baseball



team will participate in All India Inter-University Baseball Tournament to be held at Acharya Nagarjuna University from 3 -7 January 2015.

- Mr. P. Gouri Sankar, Physical Director, was nominated as Member of the Selection Committee to select the Acharya Nagarjuna University Badminton and Football Teams. These teams competed in the Inter-university Tournament held at SS & N College, Narasaraopet during 25-26 October 2014 and BG Degree College, Sattenapalli during 25 -27 Nov, 2014 respectively.



Table Tennis winners





## ACADEMIC RESULTS 2014

### COMPUTER SCIENCE & ENGINEERING

<i>Year</i>	<i>Total appeared</i>	<i>Total pass</i>	<i>% pass</i>
I/IV B.Tech (II Semester)	178	151	84.83
III/IV B.Tech (I Semester)	193	172	89.11
I/II M.Tech (I Semester)	24	21	87.5

### ELECTRONICS & COMMUNICATION ENGINEERING

<i>Year</i>	<i>Total appeared</i>	<i>Total pass</i>	<i>% pass</i>
I/IV B.Tech (II Semester)	171	180	95.00
III/IV B.Tech (I Semester)	128	143	89.51
M.Tech (I Semester)	18	18	100.00

### ELECTRICAL & ELECTRONICS ENGINEERING

<i>Year</i>	<i>Total appeared</i>	<i>Total pass</i>	<i>% pass</i>
I/IV B.Tech (II Semester)	179	165	92.10
III/IV B.Tech (I Semester)	132	127	96.21
M.Tech (PSE)	17	17	100.00

### COMPUTER APPLICATIONS

<i>Year</i>	<i>Total appeared</i>	<i>Total pass</i>	<i>% pass</i>
III/III MCA (V Semester)	117	109	93.16
II/III MCA (IV Semester)	92	88	95.65
II/III MCA (III Semester)	92	85	92.39
I/III MCA (II Semester)	85	74	87.05
I/III MCA (I Semester)	86	69	80.23

### CHEMICAL ENGINEERING

<i>Year</i>	<i>Total appeared</i>	<i>Total pass</i>	<i>% pass</i>
I/IV B.Tech (II Semester)	47	28	59.57
III/IV B.Tech (I Semester)	43	33	76.74

### CIVIL ENGINEERING

<i>Year</i>	<i>Total appeared</i>	<i>Total pass</i>	<i>% pass</i>
I/IV B.Tech (II Semester)	176	144	81.80
III/IV B.Tech (I Semester)	132	102	77.27

### INFORMATION TECHNOLOGY

<i>Year</i>	<i>Total appeared</i>	<i>Total pass</i>	<i>% pass</i>
I/IV B.Tech (II Semester)	117	77	65.81
III/IV B.Tech (I Semester)	98	79	80.61

### MECHANICAL ENGINEERING

<i>Year</i>	<i>Total appeared</i>	<i>Total pass</i>	<i>% pass</i>
I/IV B.Tech (II Semester)	176	142	80.68
III/IV B.Tech (I Semester)	197	152	77.15

### MANAGEMENT SCIENCES

<i>Year</i>	<i>Total appeared</i>	<i>Total pass</i>	<i>% pass</i>
I/II MBA (II Semester)	94	90	95.74
II/II MBA (IV Semester)	103	103	100.00

## Reflections



Guest of Honor Dr. S. V. Satyanarayana inaugurating ChECK-2014 - Student Meet , while other dignitaries look on



Dr. M. Venkateswara Rao, Professor & Head, Department of Chemical Engineering, addressing the gathering at the Valedictory function



Students at the Cultural Concert



Parents and Students at the Student - Parent Meet



NAAC Team at the Library



Rangoli Competitions on the campus by SI Co.





# **RVR & JC COLLEGE OF ENGINEERING**

**(AUTONOMOUS)**

(Sponsored by Nagarjuna Education Society - Approved by AICTE - Accredited by NBA - NAAC-A Grade - Affiliated to Acharya Nagarjuna University)  
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