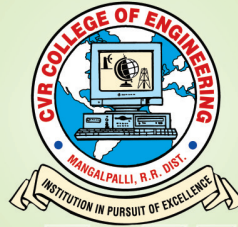


# CVR COLLEGE OF ENGINEERING

*(An Autonomous Institution)*



*In Pursuit of Excellence...*

# Aegle Vista '16

Vol. 16

July - December 2016

Issue. 2

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### US Universities Visit To CVR College Of Engineering



## EDITORIAL MESSAGE

*Dear Readers,*

Welcome to Aegle Vista, Issue No 16, Volume 2. This edition will display the activities and achievements of the college from July to December, 2016. This part of the year is usually one that is bustling with activity; with semesters coming to an end for some and beginning for others. The campus mirrors the solemnity of the examinations that commence, as much as it does the vivacity of the Orientation Programmes and the Freshers' Party for the first year students.

The new batch of students of B. Tech first year joined the college in August, 2016. An Orientation Programme was held for them on 8 & 9 August. Students of CSE, IT, EIE and Civil had their orientation on 8 August and students of ECE, EEE and Mechanical Engineering had their orientation on 9 August respectively. Students were officially inducted into the college and were familiarized with the academic culture and norms that are followed in the campus. They were also told about the various facilities the college offers them and the schedules they were to abide by, during their four year stay in the college. This would help them in the pursuit of their aims. The Heads of the various departments urged them to excel in their academics, and assured them that the college would do all it can to help them achieve their goals and lay the foundations of a successful career for them. The students in turn, were told to make the best of the learning opportunities that the college offered them and utilize it to build a good future for themselves.

The Freshers' Day arrived with great amount of excitement and expectation on 10 September, 2016. It was a day of great joy and enthusiasm for both the freshers and the seniors. The fresher's brought in a new wave of enthusiasm into the college. The zeal they bring into the campus motivates the college to provide the best of its resources to them. Therefore, the infrastructure is constantly being added to or improved, to meet the expectations of these zealous youngsters and to meet the demands of the domain of technology as a whole.

The placements this year have been extremely good so far. The college has been able to find placements for a large number of its students already. Several reputed companies are visiting the college and many students have been successfully selected to work for them. Several other companies are expected to visit the campus shortly. The college is working on placing many more of its students by the end of the academic year. Our Chairman's focused attention on enhancing employability skills and insistence on upgrading skills to meet industry standards have yielded good results and the placements have been laudable, year after year.

The progress that the college is making is entirely due to the efforts of our Chairman, Dr. C. V. Raghava, under whose able leadership the Institution is seeing steady growth and due to whose vision the college is scaling new heights.

The editorial team is open and eager to work on your valuable suggestions for improving the content and presentation of Aegle Vista.

*As always! Happy Reading !!*

## NEW RECRUITMENTS

CVRCE welcomes the following faculty members, who joined the college between July to December, 2016.

S.No.	Name of the Faculty	Designation	Dept	D.O.J
1.	Mr. K. Vijay Kiran	Asst. Prof	Civil	01.07.2016
2.	Mr. Amit Soni Arya	Asst. Prof	CSE	02.07.2016
3.	Mr. B. Sai Charan	Asst. Prof	Civil	11.07.2016
4.	Dr. M.V. Sehshagiri Rao	Professor, Dean, Planning & Coordination	Civil	21.07.2016
5.	Mr. M. Ravi Kumar	Asst. Prof	Mech	26.08.2016
6.	Dr. N. Murali Krishna	Professor	Civil	06.09.2016
7.	Dr. Shashidhar K. Kudari	Professor	Mech	16.09.2016
8.	Dr. B. Naga Malleswara Rao	Professor	Civil	02.11.2016
9.	Prof. Amitava Choudhury	Professor	Statistics, H & S	02.11.2016
10.	Mr. A. Vamshi Chaitanya	Assoc. Prof	Civil	17.11.2016
11.	Dr. R. Usha Rani	Assoc. Prof	CSE	17.11.2016
12.	Mr. C. Pramod Kumar	Asst. Prof	EIE	23.11.2016
13.	Mr. K. Ravi Chandra Reddy	Asst. Prof	Civil	26.11.2016
14.	Dr. D. Durga Bhavani	Professor	CSE	09.12.2016
15.	Dr. P. Manikya Reddy	Professor	Environmental Studies, H & S	09.12.2016
16.	Mr. N. Srinivas	Asst. Prof	CSE	16.12.2016
17.	Mr. D. Srinivasu Nayak	Asst. Prof	Civil	19.12.2016
18.	Mr. G. Balakrishna	Assoc. Prof	CSE	31.12.2016
19.	Ms. D. Sandhya Rani	Assoc. Prof	CSE	31.12.2016
20.	Mr. Vidyanand Kumar	Asst. Prof	Mech	31.12.2016
21.	Mr. Mohammad Shareef	Asst. Prof	Mech	31.12.2016



## PROMOTIONS

CVRCE takes pride in congratulating the following staff members for being promoted.

S.No.	Name of the Faculty	Promoted as	Dept	Date w.e.f.
1.	Ms. A. Anitha	Sr. Asst. Prof	ECE	01.07.2016
2.	Ms. M.V. Sushumna	Sr. Asst. Prof	ECE	01.07.2016
3.	Mr. M. Hanimi Reddy	Sr. Asst. Prof	CSE	01.07.2016
4.	Mr. Syed Muqthadar Ali	Sr. Asst. Prof	CSE	01.07.2016
5.	Mr. R. Sahith	Sr. Asst. Prof	CSE	01.07.2016
6.	Ms. G. Mrudula	Assoc. Prof	MECH	24.11.2016
7.	Ms. M. Gayathri Vineela	Assoc. Prof	MECH	24.11.2016
8.	Mr. M. Srinivas Reddy	Assoc. Prof	MECH	24.11.2016
9.	Mr. MVB Krishnam Raju	Assoc. Prof	MECH	24.11.2016
10.	Mr. Suhail Afroz	Assoc. Prof	CSE	24.11.2016
11.	Ms. S. Suguna Mallika	Assoc. Prof	CSE	24.11.2016
12.	Mr. D. Sujan Kumar	Assoc. Prof	CSE	24.11.2016
13.	Mr. N. Satyanarayana	Assoc. Prof	CSE	24.11.2016
14.	Ms. N. Vanaja	Assoc. Prof	CSE	24.11.2016
15.	Mr. R. Ganesh	Assoc. Prof	ECE	24.11.2016
16.	Mr. B. Janardhan Rao	Assoc. Prof	ECE	24.11.2016
17.	Mr. P. Vinod Kumar	Assoc. Prof	EEE	24.11.2016
18.	Mr. P. Yashwanth	Assoc. Prof	CIVIL	24.11.2016
19.	Mr. A. Vamshi Chaitanya	Assoc. Prof	CIVIL	24.11.2016

## FACULTY MEMBERS RELIEVED

The following faculty members have taken relief from the services of the college during July to December, 2016.

S. No	Name of the faculty	Designation	Dept	Relieved on
1.	Ms. Abbaraju Sahithi Sravanthi	Asst. Prof	Civil	02.07.2016
2.	Ms. G. Pavithra	Asst. Prof	H & S	02.07.2016
3.	Mr. D. Yugandhar	Asst. Prof	Civil	04.07.2016
4.	Mr. K. Ravi Chandra Reddy	Asst. Prof	Civil	04.07.2016
5.	Ms. Suma Sindhu	Asst. Prof	Civil	04.07.2016
6.	Mr. S. Hari Kiran	Assoc. Prof	Civil	04.07.2016
7.	Mr. B. H. Mahesh Chandra Kanth	Asst. Prof	Civil	04.07.2016
8.	Prof. B. Srinivas Reddy	Professor	Civil	04.07.2016

S. No	Name of the faculty	Designation	Dept	Relieved on
9.	Mr. L. Vishnuvardhan	Asst. Prof	Civil	04.07.2016
10.	Ms. V. Sowjanya	Asst. Prof	CSE	04.07.2016
11.	Ms. B. Sandhya Rani	Asst. Prof	CSE	04.07.2016
12.	Mr. B. Jail Singh	Asst. Prof	ECE	04.07.2016
13.	Prof. Wg. Cdr. Varghese Thattil	Professor	ECE	04.07.2016
14.	Mr. T. Sharat Chandra	Asst. Prof	ECE	04.07.2016
15.	Mr. T. Janardhan	Asst. Prof	EIE	04.07.2016
16.	Mr. N. Rajashekar	Asst. Prof	EIE	04.07.2016
17.	Ms. A. Usha Sri	Asst. Prof	EIE	04.07.2016
18.	Ms. R. Anusha	Asst. Prof	H & S	04.07.2016
19.	Mr. K. Nagaraja Rao	Assoc. Prof	Mech	04.07.2016
20.	Mr. VSP Vamsi	Assoc. Prof	Mech	04.07.2016
21.	Ms. Monica Sharon	Asst. Prof	Civil	04.07.2016
22.	Dr. S. Deva Prasad	Professor	Mech	12.07.2016
23.	Mr. N. Srihari Rao	Asst. Prof	CSE	31.08.2016
24.	Prof. Krishna Reddy	Professor	H & S	08.10.2016
25.	Mr. P. Naresh	Assoc. Prof	EEE	19.10.2016
26.	Mr. P. Sai Shankar	Asst. Prof	H & S	22.10.2016

### **CVRCE BAGS EDUCATION LEADERSHIP AWARD**

CVR College of Engineering was honored with the prestigious "Education Leadership Award", which was conferred by the 24th edition of the Business School Affaire and Dewang Mehta National Education Awards and presented by IPE - Institute of Public Enterprise, Hyderabad. This award was presented to CVR College of Engineering in the category of Institutional Awards in the Regional Rounds.

The Dewang Mehta National Education Awards is India's largest Education Awards Contest and is held as a part of World Marketing Congress. The Dewang Mehta National Education Awards has several contests with Cash Awards, Trophies, Citations and Certificates of Merit judged by an independent jury.

The Education Leadership Award is intensely researched into, to produce a shortlist of institutions that are doing extraordinary work in their domain and track the record of their achievements. The shortlist is then reviewed by a jury comprising senior professionals, senior leaders, researchers and academicians from across the globe



Dewang Mehta Educational Leadership Award



### The criteria and competencies benchmarked are:

- Educational Achievement
- Placements
- Leadership
- Best in Class Infrastructure
- Student Impact (Internal to the Organisation)
- Future Orientation

### ORIENTATION DAY 2016

CVR College of Engineering organized a two day Orientation Programme for its 16<sup>th</sup> batch of B. Tech first year students. The programme was conducted on 8 August, 2016 for CSE, IT, Civil & EIE branches, and on 9 August, 2016 for ECE, EEE, & Mechanical Engineering branches at the college auditorium. The Chairman of the college, Dr. C. V. Raghava, along with the Director, Dr. K. Rama Sastri, Principal, Dr. K. S. Nayanathara and all the Heads of the Departments participated in the programme. The Orientation Programme was also attended by the professors, the faculty and the non teaching staff of the college.

Prof. Narasimha Charyulu, Head, Department of H & S, In Charge, B. Tech I year, took the students and parents through the course and examination schedules, rules for attendance, hostel facilities for boys and girls and other rules and regulations of the college. Prof. Charyulu also gave an insight into the subjects offered in the first year. Professors and senior faculty were introduced to the gathering. Later the parents and first year students were taken around to see the infrastructure of the college.

On the last day of the Orientation Programme, the senior faculty wished the new batch of students a successful stint in CVR College of Engineering.

### FRESHERS DAY 2016

10 September, 2016 was marked as a memorable day in the life of every fresher at CVR College of Engineering. The Fresher's day was a day that filled B. Tech first year students and the seniors with excitement, joy, music, enthusiasm, laughter and happiness.

The event began with a formal address by Dr. Cherabuddi Venkat Raghava, Chariman, CVRCE and



Prof. Sengupta Addresses the Gathering



Orientation Day 2016

Dr. K. S. Nayanathara, Principal, CVRCE. Speaking on the occasion Dr. Raghava, welcomed the freshers into the college and urged them to make the most of all that the college has to offer, in terms of academics and co-curricular activities, in the next four years of their study. The job market he said, was becoming increasingly global in nature and he urged the students to cultivate a larger vision for their roles therein.

Fresher's Day celebration helps the students to become comfortable in a new surrounding and makes them feel that they belong, even if they are the latest entrants to the campus. Jovial smiles and high spirits marked the welcome party for the students. It was a fun filled event at which the freshers got an opportunity not only to showcase their talents and but also to interact with the seniors. Soon after the inauguration, the programme kick-started with ramp walks for Mr. and Ms. Fresher 2016. Mr. Avinash of CSE was crowned Mr. Fresher while Ms. Yashaswini of Civil department was crowned the Ms. Fresher for 2016. The campus reverberated with songs,

dances and other programmes. There were many performances and events organized by the seniors. A few of the events were J.A.M, Essay Writing, Antakshari, Picturesque, Mind Mapping, etc. Ingenious skits, and many more acts, made the day a huge fun filled party. It was a colorful occasion as freshers were dressed in their best attire. All in all, the fresher's day was a grand affair and everybody went home with loads of memories that they would cherish for long.



Chairman Addresses the Freshers



Contestants at the Mr & Ms CVRCE Competition

## ENGINEERS' DAY CELEBRATIONS

Engineers' Day was celebrated by CVR College of Engineering on 16 September, 2016 to commemorate the 155<sup>th</sup> birthday of Sir Mokshagundam Visvesvaraya on 15<sup>th</sup> September. The Chief Guest was Mr. Mohammed Ziauddin, Chief Engineer and Chief General Manager, Metro Rail Ltd., Hyderabad. The Principal, Dr. K. S. Nayanathara and the Chairman, Dr. C. V. Raghava spoke about the importance of Engineers' Day and on some famous engineers of the present day. The Director, Dr. Rama Sastri gave a presentation on the life and achievements of Sir Mokshagundam Visvesvaraya. The Chief Guest gave a detailed presentation on the various aspects of the Metro Rail facility in the twin cities of Hyderabad and Secunderabad. Competitions were held on IQ Test, JAM, Debate. Paper presentations also formed part of the event. Around 150 B. Tech students participated in the competitions. R. Harika of CIVIL-A IV year won the Engineer of The year award. The prizes were given to the winners of various competitions by the Chief Guest, Mr. Mohammed Ziauddin.



Engineers' Day Celebrations



## TEACHERS' DAY CELEBRATIONS

Teachers' Day was celebrated on 6 September, 2016 on the birth anniversary of the great teacher and philosopher Dr. Sarvepalli Radha Krishnan on 5 September. The Chairman of the College Dr. C. V. Raghava, Advisor, Dr. C. Madhusudana Reddy, Director, Dr. K. Rama Sastri, Principal, Dr. K. S. Nayanathara participated in the function along with the teachers of the college. Dr. C. V. Raghava, delivered a speech on the role of teachers in moulding the character and career of the students. Principal, Dr. K. S. Nayanathara and other speakers from the teaching fraternity eulogized the services of late Dr. Sarvepalli Radha Krishnan. Dr. C. Madhusudana Reddy and Dr. K. Rama Sastri were felicitated on the occasion and they advised the teachers to rededicate themselves to their noble profession.



The Advisor, CVRCE,  
Dr. C. Madhusudhana Reddy being Felicitated

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ERUDITION OF KNOWLEDGE

### Publications in National / International Conferences / Journals

1. **Mr. Prathap Soma**, Asst. Prof of ECE Dept. published a paper on “**An Effective Method For Implementing 64 bit MAC using Wallace Tree Multiplier on FPGA Through Chip Scope Pro**”, in the CVR Journal of Science and Technology, Vol. 10 in June, 2016.
2. **Ms. Rajeshwari Soma**, Asst. Prof of ECE Dept. published a paper on “**An Effective Method For Implementing 64 bit MAC using Wallace Tree Multiplier on FPGA Through Chip Scope Pro**”, in the CVR Journal of Science and Technology, Vol. 10, in June, 2016.
3. **Mr. R. Prakash** and **Mr. G. Santhosh Kumar**, Asst. Profs of ECE Dept. published a paper on “**A Novel Approach for Spectrum Sensing with Effect of Radiation**”, in the CVR Journal of Science and Technology, Vol. 10, in June, 2016.
4. **Ms. P. Naga Malleswari**, Asst. Prof of ECE Dept. published a paper on “**Implementation of Spectrum Sensing Algorithms in Cognitive Radio Network**”, in the CVR Journal of Science and Technology, Vol. 10, in June, 2016.
5. **Ms. B. Janardhana Rao**, Asst. Prof of ECE Dept. published a paper on “**Automatic Cheque Clearance System using MATLAB**”, in CVR Journal of Science and Technology, Vol. 10, in June, 2016.

6. **Ms. K. A. Jyotsna, Mr. P. Satish Kumar, Ms. B. K. Madhavi**, Assoc. Profs of ECE Dept. published a paper on **“Design of Sub Threshold Source Coupled Logic Families for Low Power Applications”**, in the CVR Journal of Science and technology, Vol 10. June, 2016.
7. **Mr.G. Ravikumar Reddy**, Asst. Prof of ECE Dept. published a paper on **“Implementation of Multi-Dimensional FFTs uses FPGA”**, in CVR Journal of Science and Technology, Vol 10. in July, 2016.
8. **Ms. S. Swetha**, Asst. Prof of ECE Dept. published a paper on **“Design of Low Power and Area Efficient Full Adder Using Modified Gate Diffusion Input”**, in the International Journal of Computer Application, Vol. 145, No.8, July 2016.
9. **Ms. K. A. Jyotsna, Mr. P. Satish Kumar, Ms. B. K. Madhavi**, Assoc. Profs of ECE Dept. published a paper on **“High Performance 16 by 16 Array Multiplier using STSCL Technique”**, in the proceedings of National Conference (ASPECS2016) in CBIT, Hyderabad, from 11 -12, August, 2016.
10. **Mr. Lalithendra Kurra**, Professor of ECE Dept. along with **Mr. M. P. Abegaonkar**, Assoc. Prof. and **Mr. S. K. Koul**, Professor, IIT Delhi, published a paper on **“Printed Resonant Periodic Structures and their Applications,”** in the CRC Press, in November, 2016.
11. **Dr. Rajarshi Mahapatra**, Professor of ECE Dept. published a paper on **“Spectrum Management Framework in Next Generation Wireless Networks”**, in 13<sup>th</sup> International IEEE India Conference at IISC Bangalore, (INDICON 2016) from 16 -18 December, 2016.
12. **Mr. Karrar Hussain**, Assoc. Prof of ECE Dept. published a paper on **“Circuit Design Of Programmable Logic and Interconnect using STT-RAM for Non-Volatile FPGAs”**, in International Journal of Recent and Innovative Trends in Computing & Communication, Vol. 12, Issue 4, in December, 2016.
13. **Ms. K. A. Jyotsna, Mr. P. Satish Kumar, Ms. B. K. Madhavi**, Assoc. Profs of ECE Dept. published a paper on **“Subthreshold Circuit Design Techniques for Ultra Low Power Applications”**, in IJAREEIE, Vol .5, Issue 12, in December, 2016.

#### Paper Presentation in National / International Conferences

1. **Ms. K. A. Jyotsna, Mr. P. Saidulu, Ms. B. K. Madhavi**, Assoc. Profs of ECE Dept. presented a paper on **“Design of Ultra Low Power 8 Bit Arithmetic and Logic Unit using Subthreshold Source Coupled Logic”**, in an International Conference on Signal Processing, Communications and System Design, in September, 2016.
2. **Dr. Rajarshi Mahapatra**, Professor of ECE Dept. presented a paper on **“Spectrum Management Framework in Next Generation Wireless Networks”**, in 13<sup>th</sup> International IEEE India Conference (INDICON 2016) at IISC Bangalore, from 16-18 December, 2016.
3. **Ms. Rajeshwari Soma**, Asst. Prof of ECE Dept. presented a paper on **“Design of Ultra Low Power Full Adder under Sub threshold Region Using Modified Gate Diffusion Input”**, in the First International



Conference on Recent Innovations in Engineering and Technology(ICRIEAT-2016) organized by Aurora Scientific Technological and Research Academy from 22 - 23 December, 2016.

### Participation in National / International / Conferences / Seminars /Workshops

1. **Mr. Prathap Soma**, Asst. Prof of ECE Dept. participated in one day workshop on “**Digital Design through Arduino**”, held at CVRCE on 14 June, 2016.
2. **Ms. M. Santhoshi**, and **Mr. G. Ravikumar Reddy** Asst. Profs of ECE Dept. participated in a two day faculty workshop on “**Virtual Instrumentation using Lab VIEW version 2015**”, at CVR College of Engineering, from 4-5 July, 2016.
3. **Ms. A. Anitha**, Sr. Asst. Prof, and **Ms. V. Rama Devi**, Asst. Prof of ECE Dept. participated in a four day workshop on “**Analog, Power, Embedded Systems and Wireless (IOT)**”, held at REVA University, in collaboration with Texas Instruments, Bangalore, from 11 – 14 July, 2016.
4. **Ms. Rajeshwari Soma**, Asst. Prof of ECE Dept. participated in one week faculty updation programme (FUP) on “**Digital VLSI System Design Using Verilog HDL**”, organized by C-DAC Hyderabad in association with TASK from 1-8 August, 2016.
5. **Mr. Karrar Hussain**, Assoc. Prof of ECE Dept. participated in one day Technical Visit to GAETEC (RCI) organized by IEEE CAS/EDS Chapter, Hyderabad Section on 10 August, 2016.
6. **Mr. R. Ganesh**, Sr. Asst. Prof of ECE Dept. participated in one day faculty visit to Schneider Electric and Resolute Electronics Medchal, Hyderabad on 30 August, 2016.
7. **Mr. B. Janardhana Rao**, **Mr. K. Arun Kumar** and **Mr. P. Sreekanth** , Asst. Profs of ECE Dept. participated in DeitY, MCIT sponsored faculty development programme on “**Advanced Digital Signal Processing and Applications**”, organized by the E&ICT Academy, NIT, Warangal at Vardhaman College of Engineering from 19 - 24 September, 2016.
8. **Mr. P. Sreekanth**, Asst. Prof of ECE Dept. participated in one week FDP on “**Digital Signal Processing and Its Applications**”, organized by NITW at Vardhaman college of Engineering, Hyderabad, from 19 - 24 September, 2016.
9. **Mr. P. Srinivasa Rao**, Assoc. Prof of ECE Dept. participated in a three day workshop on “**Embedded Systems**”, conducted by CIET, Guntur from 3 – 5 October, 2016.
10. **Ms. G. Snehalatha**, **Ms. S. Swetha**, and **Ms. G. Snehalatha**, Asst. Profs of ECE Dept. participated in one week workshop on “**Functional Approach to VLSI Design**”, held at G. Narayanamma Institute of Technology and Science (for women) from 17 - 22 October, 2016.

11. **Mr. R. Ganesh**, Sr. Asst. Prof and **Ms. T Subha Sri Lakshmi**, Asst. Prof of ECE Dept. participated in one day “**Cadence PCB Seminar**”, conducted by Cadence Design Systems at The Westin Hyderabad Mindspace, Raheja IT Park, Hitec City, Madhapur, Hyderabad, on 18 October, 2016.
12. **Mr. D. Bhanu Prakash** and **Ms. Dhruva R. Rinku**, Assoc. Profs of ECE Dept. participated in a three day workshop on “**Sensor to Cloud, Hands on Workshop on Internet of Things**”, organized by Gokaraju Rangaraju Institute of Engineering & Technology from 19 – 21 October, 2016.
13. **Ms. Gaddam Yamuna**, **Ms. K. Manasa**, **Ms. J. Jyostna**, **Ms. S. Sailaja**, **Ms. Nikita Singh**, **Mr. Shakeel Ahmed**, **Mr. T Chalam**, **Mr. B Ramesh** , **Mr. P Sreekanth** and **Mr. G Harish Babu** Asst. Profs of ECE Dept. participated in one day workshop on “**Secure Interoffice Communication Using PKI**”, conducted by CSE Department of CVRCE, on 20 October, 2016.
14. **Ms. P Naga Malleswari**, Asst. Prof of ECE Dept. participated in the TEQIP workshop on “**Comprehensive Sensing and Applications**”, organized at IIT Hyderabad from 25- 27 October, 2016.
15. **Mr. D. Bhanu Prakash**, Assoc. Prof and **Mr. B. Janardhana Rao**, Asst. Prof of ECE Dept. participated in two day workshop on “**Bhuvan Overview**”, organized by NRSC, Hyderabad from 2-3 November, 2016.
16. **Ms. T. Subha Sri Lakshmi**, Asst. Prof of ECE Dept. participated in one day workshop on “**Research Trends in VLSI & Embedded System**”, at JNTUH, Kukatpally on 5 November, 2016.
17. **Mr. D. Bhanu Prakash**, **Mr. P. Srinivasa Rao**, **Ms. K. A. Jyotsna**, Assoc. Profs, **Mr. M. Ashok** , Sr. Asst. Prof, **Mr. K. Bapayya**, **Mr. T. Chalam**, **Ms. Rajeshwari Soma**, **Mr. G. Harish Babu**, **Mr. P. Raja Shekar Reddy**, **Mr. P. Sreekanth** and **Mr. Sridhar Cherala** , Asst. Profs in ECE Dept. participated in one week workshop on “**VLSI and Embedded Systems Design in Communications**”, at CVRCE from 12 - 16 November, 2016.
18. **Ms. P. Kavitha**, Assoc. Prof, **Mr. G. Balaraju**, **Mr. M. Vinod Kumar Reddy**, **Mr. G. Harish Babu**, **Mr. B. Ramesh**, **Mr. G. Santhosh**, **Mr. R. Prakash**, **Mr. K. Bapayya**, **Mr. P. Srinivasa Rao**, **Mr. T. Chalam** , **Mr. L. Manjunath**, **Ms. T. Sravanti**, **Ms. S. Sailaja**, **Ms. CH. Hemalatha**, **Ms. M. Santhoshi** and **Ms. K. A. Jyotsna**, Asst. Profs of ECE Dept. participated in one week Workshop/FDP on “**ElectroMagnetic Fields, Transmission Lines and their Applications**”, from 21 - 25 November, 2016.
19. **Mr. Sridhar Cherala**, Asst. Prof of ECE Dept. participated in one week workshop on “**LabVIEW Based System Design for Multidisciplinary Research Application**”, organized by the EIE Dept at CVRCE , Hyderabad from 21 – 25 November, 2016.

20. **Mr. P. Raja Shekar Reddy** and **Mr. P. Sreekanth**, Asst. Profs of ECE Dept. participated in one week FDP on **“Speech Signal Processing”**, at NIT Warangal from 21 – 26 November, 2016.
21. **Mr. K. Bapayya**, Asst. Prof in ECE Dept. participated in one day seminar on **“Modulation, Ber & Capacity”**, at CVRCE on 3 December, 2016.
22. **Mr. L. Manjunath**, Assoc. Prof of ECE Dept. participated in a three day workshop on **“ Optics/ Wireless and Networks “**, conducted by IIT, Delhi from 17 – 19 December, 2016.
23. **Mr. Sridhar Cherala**, Asst. Prof of ECE Dept. participated in IETE National level faculty development programme on **“Signal Processing and its Applications”**, organized by Department of ECE at Kamala Institute of Technology & Science, Huzurabad from 19 – 23 December, 2016.
24. **Mr. B. Ramesh**, Asst. Prof of ECE Dept. participated in a workshop on **“Hands-on Training Sessions on Solving Engineering Problems and Designing Solutions through MATLAB”**, organized by EEE Dept. in CVRCE from 27 – 30 December, 2016.

#### Conferences / Workshops:

#### **NATIONAL CONFERENCE ORGANIZED BY THE DEPARTMENT OF CSE**

The Department of Electronics & Communication Engineering organized a one week faculty development programme (FDP) on **"Electromagnetic theory, Transmission lines and their Applications"**, during November 21-25, 2016. Practicing engineers from electronics industry and faculty from engineering colleges of Telangana and Andhra Pradesh participated (60 approx.) in the programme. Speakers for the programme were drawn from prestigious academic institutions and research organizations. Topics ranging from the basics of field theory to antennas for advanced electronic systems were presented. An industrial visit to Compact Antenna Test Facility(CATF) and EMI/EMC Testing laboratory of ECIL Hyderabad was also organized as part of the FDP. Participants expressed their satisfaction about the programme and requested the college to conduct more of such programmes especially related to Antennas and Microwave Engineering. Dr. K. Lalithendra, Professor, and Mr. B. Ravinder, Assoc. Professor of the department of ECE coordinated the programme

#### List of resource persons in the FDP:

- Dr. K. S. Nayanathara**, Professor and Principal of CVR College of Engineering, delivered the inaugural lecture and also lectures on the topics **“Coordinate systems, Vector calculus”**, and **“Wave propagation”**.
- Dr. K. Lalithendra**, Professor, Dept. of ECE, CVR College of Engineering, HYD., delivered a lecture on **“Basics of Electrostatics”**.
- Dr. K. Rama Krishna**, Asst. Prof, Dept. of ECE, OU College of Engineering, HYD., delivered a lecture on **“Electrostatics”**.
- Mr. B. Ravinder**, Assoc. Prof., Dept. of ECE, CVR College of Engineering, HYD., delivered a lecture on **“Magnetostatics”**.



**Mrs. A. Bharathi**, Asst. Prof., Dept. of ECE, OU College of Engineering, HYD., delivered a lecture on “Time varying Electro Magnetic fields”.

**Mr. G. Suresh**, Senior Technical Officer, EMI/ EMC Testing laboratory, ECIL, HYD, delivered a lecture on “Electromagnetic Interference / Electromagnetic Compatibility”.

**Dr. D. R. Jahagirdar**, Scientist G, RCI, DRDO, Hyd. delivered a lecture on “Antennas for Strategic Applications”.

**Dr. N. V. Koteswara Rao**, Professor and Head, Dept. of ECE, CBIT, HYD. delivered a lecture on “Transmission lines”.

**Dr. M. Laxminarayana**, Retd. Scientist, DRDL, HYD, delivered a lecture on “Applications of Transmission lines”.

**Dr. V. G. Borkar**, Retd. Scientist, DRDO, HYD., delivered a lecture on “Radar Cross Section Measurements”.

### **WORKSHOP ON VLSI AND EMBEDDED SYSTEM DESIGN IN COMMUNICATIONS**

The Department of Electronics and Communications conducted a workshop on “VLSI and Embedded System Design in Communications” from 15-19 November, 2016. Participants from various colleges in and around Hyderabad attended the workshop. The number of participants exceeded the expectations of the department. Close to 50 participants attended the workshop reflecting their interest in this domain. The workshop was designed primarily for the faculty members who had specializations in VLSI, Embedded Systems and Communication Systems. The objective of the workshop was achieved through lectures, practical demonstrations, laboratory exercises, plenary discussions and industry visit to Research Centre IMARAT, DRDO. Facilitators of the workshop included expert scientists from RCI, ECIL and Semiera.

The workshop was funded by the college and was hosted by the Department of ECE. It was coordinated by Dr. Humaira

Nishat, Professor in ECE and Ms. Athira G. Krishna, Sr. Asst. Professor in ECE.



Distribution of Certificates



Participants of the Workshop

### **Dr. K. S. Nayanathara, Principal, Graces Valedictory at REDC, Telangana State Center**

The Renewable Energy Development Corporation, Telangana conducted an energy conservation week from 14-21 December, 2016, under the banner of "Energy Conservation Mission", in the Institution of Engineers,



Principal at REDC

Telangana State Center. Prof. K. S. Nayanathara, Principal, CVRCE was invited as the Chief Guest. She gave her valuable insights about the latest methods used for the conservation and renewal of energy.

### **Prof. K. Lal Kishore, Dean, Research, Graces Various Academic Events**

1. **Prof. K. Lal Kishore**, Dean, Research, was the Chief Guest at the Seminar conducted by Mallareddy Engg. College on “**Emerging Trends in VLSI.**” He also delivered an invited talk on this topic on the inaugural day, held on 11 July, 2016.
2. **Prof. K. Lal Kishore**, Dean Research was the Chief Guest at the National Conference on “**Modern Electronics and High Speed Communication Systems**”, conducted by ECE Dept of Srinidhi Institute of Science and Technology from 29-30 July, 2016.
3. **Prof. K. Lal Kishore**, attended the 18<sup>th</sup> meeting of the Governing Body of Rajiv Gandhi University of Knowledge Technologies (RGUKT) Idupulapaya, held on 30 July, 2016.
4. The Dean Research inaugurated the Laboratories of Lab View (National Semi Conductors) and ARM Processors, established in ECE Dept. of VJIT, Hyderabad, on 29 August, 2016.
5. **Prof. K. Lal Kishore**, was the Chief guest at the valedictory function of a one day workshop on “**Trouble Shooting in Mass Spectrometers**”, conducted by Bhaba Atomic Research Center ( BARC) Hyderabad, on 29 August, 2016.
6. **Prof. K. Lal Kishore**, was the Selection Committee Chairman of DRDO, for selection of Scientists/Engineers at Bengaluru. He chaired, the selection committee meetings from 3-5 October, 2016.
7. **Prof. K. Lal Kishore**, attended the Governing Body meeting of RGUKT, Srikakulam, held at Nuziveedu, on 7 & 8 October, 2016.
8. The Dean Research, as Chairman of ISTE AP Section, attended the ISTE National Students’ Convention held at VIT Vellore from 15 – 18 October, 2016.
9. **Prof. K. Lal Kishore**, Dean Research was Guest of honor, at the State Level Students’ Convention, conducted by ISTE, Telengana and AP Sections, at MGIT, Hyderabad, from 27 – 28 October, 2016.
10. **Prof. K Lal Kishore**, Dean, Research, was the Chief Guest at the VLSI Researchers’ meet conducted by ECE Dept. of JNTUH, Hyderabad and delivered a lecture at the meeting on 5 November, 2016.

11. He was also a Chief Guest and delivered an invited talk at the workshop on “**VLSI & Embedded System Design in Communications**”, conducted by ECE Dept. of CVR College of Engineering from 15 – 19 November, 2016.
12. **Prof. K Lal Kishore**, Dean, Research, attended the Executive Committee meetings of Rajiv Gandhi University of Knowledge Technologies, (RGUKT) Srikakulam held at R K Valley on 16 November, 2016 and at Nuziveedu on 17 November, 2016.
13. He also attended the Academic Council meeting of Gudlavalleru Engineering College (GEC) at Vijayawada on 21 November, 2016.
14. **Prof. K. Lal Kishore**, Dean, Research, attended the Selection Committee meetings of Rajiv Gandhi University of Knowledge Technologies (RGUKT), RK Valley from 19 – 20 December, 2016.

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
ERUDITION OF KNOWLEDGE**

**Publications in National / International Conferences / Journals**

1. **Dr. G. Sree Lakshmi, Professor**, and **Ms. K. Navya**, Asst. Prof of EEE Dept. published a paper on “**Control of IPMSM with Two-level Diode Clamped Inverter for Electric Traction**”, in the International Journal of Scientific & Engineering Research (IJSER), Vol.7, Issue 11, in November, 2016.
2. **Mr. Ch. Lokeshwar Reddy**, Assoc. Prof of EEE Dept. along with **Dr. P. Satish Kumar**, Asst. Prof, OU and **Dr. M. Sushama**, Assoc. Prof, JNTUH published a paper on “**Improvement in Performance of Cascaded Multilevel Inverter Using Triangular and Trapezoidal Triangular Multi Carrier SVPWM**”, in the Journal on Advances in Electrical and Electronic Engineering, Vol. 14, No. 5, in December, 2016.
3. **Dr. G. Sree Lakshmi**, Professor of EEE Dept. published a paper on “**DTC-CBSVPWM Controlled Five-level Diode Clamped Inverter fed IPMSM**”, in the International Journal of Electrical, Electronics & Computer Science Engineering (IJECCSE), Vol 3. Issue 6, in December, 2016.

**Paper Presentation in National / International Conferences**

1. **Dr. S. Venkateswarlu**, Professor and **Mr. K.S.V. Phani Kumar**, Asst. Prof of EEE Dept. presented a paper titled “**Optimized Approach For Minimization Of Thd In L-L Voltage Of Three – Phase Cascaded Multi Level Inverters**”, in an International Conference on Signal Processing, Communication, Power and Embedded System (SCOPEs) – 2016, conducted by JITM (part of Centurion University Of Technology & Management) Paralakhemundi, Odisha , from 3 - 5 October, 2016.



2. **Mr. Ch. Lokeshwar Reddy**, Assoc. Prof of EEE Dept. presented a paper on “**Design and Performance Analysis of Cascaded H-Bridge Multilevel STATCOM**”, in the 2<sup>nd</sup> International Conference on Aerospace Electronics, Electrical, Communications & Instrumentation (ASECI-2016), organized by Department of EEE, VR Siddhartha Engineering College, Vijayawada from 22 – 23 October, 2016.
3. **Mr. G. Manohar**, Assoc. Prof of EEE Dept. presented a paper on “**Modern Trends in Microgrids-A Review**”, at 2<sup>nd</sup> National Conference RTPSD-2016 organized by Chaitanya Bharati Institute of Technology, Hyderabad from 27 – 28 October, 2016.
4. **Mr. G. Sreenadh Reddy**, Asst. Prof of EEE Dept. participated in the second National Conference and presented a paper titled “**Modern Trends in Micro Grids -A Review**”, held at CBIT, Hyderabad, from 28 – 29 October, 2016.

#### Participation in National / International / Conferences / Seminars / Workshops

1. **Ms. R. Naveena Bhargavi**, Assoc. Prof, and **Ms. K. Deepika**, Asst. Prof of EEE Dept. participated in a two day faculty workshop on “**Virtual Instrumentation Using Lab-VIEW Version 2015**”, , organised by the Department of Electronics & Instrumentation Engineering, CVRCE from 4 – 5 July, 2016.
2. **Dr. G. Sree Lakshmi**, Professor of EEE Dept. participated as a delegate in the IEEE WiE Global Summit, at Bengaluru on 24 August, 2016.
3. **Mr. Ch. Lokeshwar Reddy**, Assoc. Prof, **Ms. Vimala Devi. V**, Sr. Asst. Prof, **Ms. G. Sridevi**, **Mr. G. Janardhan**, and **Ms. V. Sarada**, Asst. Profs of EEE Dept. participated in a two day training program on “**Implementation of Space Vector Pulse Width Modulation for Multilevel Inverters using FPGA**”, organized by Department of Electrical Engineering, University College of Engineering, Osmania University on 16 & 17 September, 2016.
4. **Ms. M. Amani** and **Ms. K. Navya**, Asst. Profs of EEE Dept. participated in a two day workshop on “**PID Controllers**”, organised by EIE department, Anna University, Chennai from 16 – 17 September, 2016.
5. **Mr. P. Rajesh Kumar**, Assoc. Prof, **Mr. Rajib Kumar Kar**, Sr. Asst. Prof and **Ms. Ch. Shravani**, Asst. Prof of EEE Dept. participated in a two day workshop on “**Power Quality-Harmonic Analysis for Power System**”, conducted by University College of Engineering, Osmania University, Hyderabad from 19 – 20 September, 2016.
6. **Ms. K. Deepika**, Asst. Prof of EEE Dept. participated in a three day workshop on “**Skill Development on PLC**”, organised by the Mitsubishi Electric, Pune from 26 – 28 September, 2016.

7. **Ch. Lokeshwar Reddy**, Assoc. Prof, participated in a one-week national level faculty development program on “**Real Time Practices in Electrical and Electronics Engineering (RTPEEE)**”, organised by Department of EEE, Shri Vishnu Engineering College for Women, Bhimavaram from 26 September - 1 October, 2016.
8. **Dr. G. Sree Lakshmi**, Professor, **Ms. M. Rajitha**, and **Ms. V. Sarada**, Asst. Profs of EEE Dept. participated in faculty development programme on “**Secure Interoffice Communication using PKI**”, organized by Computer Science and Engineering Department at CVRCE held on 20 October, 2016.
9. **Dr. S. Venkateshwarlu**, Professor & Head, and **Dr. N. N. V. Surendrababu**, Professor of EEE Dept. participated in a two day International Conference titled “**COMSOL 2016**”, conducted by COMSOL Software at Bengaluru from 20 – 21 October, 2016.
10. **Dr. G. Sree Lakshmi**, Professor of EEE Dept. participated in the “**50th Year Anniversary Celebrations and Launching of all Hyderabad IEEE WIE AG Network**”, at Vignan Institute of Technology and Science, Deshmukhi on 1 November, 2016.
11. **Mr. G. Sreenadh Reddy**, Asst. Prof of EEE Dept. participated in a three day workshop on “**Power System Studies -Theory And Practice At A Glance**”, held at JNTUH College of Engineering, Jagital, from 2- 4 November, 2016.
12. All the Professors, Assoc. Profs and Asst. Profs, and of EEE Dept. participated in a workshop on “**Secure Interoffice communication Using PKI**”, at CSE Dept, CVRCE, on 8 November, 2016.
13. **Ms. M. Rajitha**, **Mr. K. Sharath Kumar** and **Mr. T. Murali Krishna** Asst. Profs of EEE Dept. participated in one week national level faculty development program (FDP) on “**Solar Pv Grid Connected Power Plant**”, in co-ordination with National Training Centre for Solar Technology, Bengaluru conducted by BVRIT Hyderabad from 5 - 10 December, 2016. They also participated in a FDP on “Global Trends in Renewable Energy Sources from 21- 26 November, at CVRCE.
14. **Dr. G. Sree Lakshmi**, Professor and **Mr. G. Manohar**, Assoc. Prof EEE Dept. participated in a ten days GIAN course on “**Power Electronics for Renewable Energy Systems**”- (**PERES-2k16**) at National Institute of Technology Goa, Farmagudi, Ponda, Goa from 8 – 17 December, 2016.
15. **Ms. M. Rajitha**, **Mr. K. Sharath Kumar** and **Mr. T. Murali Krishna** Asst. Profs of EEE Dept. participated in a a Sattelite Conference SciPy India, an International conference on phyton for education and scientific computing, BVRIT College of Engineering for Women, Hyderabad from 10 – 11 December, 2016.

16. **Mr. K.S.V. Phani Kumar**, Asst. Prof of EEE Dept. participated in an International Conference on “**Springer International Conference on Emerging Trends and Advances in Electrical Engineering and Renewable Energy (ETAEEERE-2016)** (Paper code : **ET16-511**) organized by the department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Majhitar, Sikkim, on 17 – 18 December, 2016.

#### Guest Lectures:

1. **Dr. N.N.V. Surendra Babu**, Professor of EEE Dept. delivered a guest talk on “**Application of Power Electronics in Renewable Energy Systems**”, at Sardar Patel College of Engineering, Andheri, Mumbai on 2 September, 2016.

#### Workshops Conducted:

1. The EEE Dept conducted a two day faculty training workshop on PSCAD software by Nayak Power Systems, during 27 & 28 October, 2016. The following faculty members attended the training.

Dr. S. Venkateshwarlu, Professor & HOD, EEE Dept.

Dr. N. N. V .Surendra Babu, Professor

Dr. G. Sreelakshmi, Professor

Mr. G. Manohar, Associate Professor

Ms. R. Naveena Bhargavi, Associate Professor

Mr. Ch. Lokeshwar Reddy, Associate Professor

Mr. G. Sreenadh Reddy, Assistant Professor

Ms. M. Rajitha, Assistant Professor

Mr. K.S.V. Phani Kumar, Assistant Professor

Mr. Sharath Kumar, Assistant Professor

Ms. K. Navya, Assistant Professor

Ms. M. Aamani, Assistant Professor

Mrs. V. Sarada, Assistant Professor

Mr. K. Suman, Assistant Professor

Mr. Murali Krishna, Assistant Professor

2. The EEE Dept. conducted a week long faculty development programme on “**Global Trends In Renewable Energy Systems & Smart Grid**” ,GTRESSG-2016, from 21-26 November, 2016. Dr. S. Venkateshwarlu, Dr. N.N.V. SurendraBabu and Dr. G. SreeLakshmi were the conveners for the FDP. Ms. R. Naveena Bhargavi and Mr. CH. Lokeshwar Reddy were the coordinators for the programme. There was a very good response for the FDP and fifty participants from various colleges



of the two telugu speaking states of Telangana & Andhra Pradesh participated in the FDP. The resource persons were: Dr. B. G. Fernandez, IIT Bombay, Dr. Sachin Jain, NIT Warangal, Dr. Vaskar Sarkar, IIT Hyderabad, Dr.D.S.More, WCE, Sangli, Dr.BB Pimple, Dr. B. Mangu, Osmania University and Mr. Chaitanya from Nayak Power Systems. They covered topics about the latest technologies in the field of Renewable Energy Systems. Mr. Chaitanya conducted a hands on session on PSCAD. With all eminent speakers and a good number of participants, the FDP was a grand success.



Participants of the Workshop

- The EEE Dept. conducted a four day faculty training program on ‘**Hands-on Training Sessions on Solving Engineering Problems and Designing Solutions through MATLAB**’ for faculty of EEE, ECE, Civil, and Mechanical engineering from 27-30 December, 2016. The coordinators for this workshop were, Mr. K. S. Phani Kumar, and Ms. Sarada, Asst. Profs of EEE Dept.

### ELECTROCRUISE EVENTS

EEE Dept. celebrated the birthday of eminent scientist Michael Faraday, the ancestor of modern power generators & electric motors, on 22 September, 2016 under technical association “**Electro Cruise**”. This program was organized by Mr. P. Vinodh Kumar and Ms. K. Deepika, Asst. Professors of the department. The chief guest for the event was **Mr. H. V. Babu, JGM, Head- Traction & Power Supply, L&T Metro**. On the eve of this celebration, the department conducted various events like Guest Lecture (I, II, IIIrd & IV Year EEE), Technical quiz (II, III and IV year) and Brain Teasers. The Chief Guest, Mr. H. V. Babu addressed the gathering later in the event. The Technical Quiz was conducted by Ms. K. Deepika, Mr. M. Suresh, Mr. K. S. V. Phani Kumar and Ms. V. Sarada, Assistant Professors of the department. The Brain Teasers was conducted for II year students by Mr. C. Krishna Reddy, Asst. Professor.

#### Winners of Technical Quiz

<b>1<sup>st</sup>Prize Winners</b>	<b>P. Sriram</b>
	<b>K. Rajendra Chary</b>
	<b>V. Ranjith</b>
	<b>D. Akhil Kumar Reddy</b>
<b>2<sup>nd</sup> Prize Winners</b>	<b>T. Yashwanth Venkat Sai</b>
	<b>R. Anvesh</b>
	<b>P. Rahul</b>
	<b>M. RathanPradeep</b>
<b>3<sup>rd</sup>Prize Winners</b>	<b>T. Umesh Kumar</b>
	<b>Shantanu Srivatsava</b>
	<b>B. Vijendhar</b>
	<b>B. Sai Chand Reddy</b>



Technical Quiz Electrocruiise

## Social Activities:

Electrocruise, the Technical Association, of the EEE department conducted an activity called 'ARISE', on 9 September, 2016. ARISE - A Revolution in Social Empowerment formed a team of 14 students from III year EEE, lead by Ms. R. Naveena Bhargavi, and Ms. K. Deepika, Associate Professor and Assistant Professor respectively, in the department. They conducted a social awareness program in the nearby Z. P. H. School, Kongarakalan. The team reached there by 11.15am and held classes for all high school sections from VI to IX classes. Classes were conducted on various topics like Moral Values, Cleanliness & Spread of Diseases, Sports & Fitness, Computer Knowledge, Communication Skills etc. For the senior students, instructions were given to prepare them for the public examinations. It was a wonderful social outreach program to offer some motivation to the underprivileged and students from the rural areas. The students from CVRCE also have certain plans to cater to the needs of these children in the future.



ARISE, An Outreach Programme



The ARISE Team

## **DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING ERUDITION OF KNOWLEDGE**

### Publications in National / International Conferences / Journals

1. **Ms. S. Harivardhagini**, Assoc. Prof of EIE Dept. published a paper on “ **Sliding Mode Control (SMC) and Dynamic Sliding Mode Control (DSMC) of Split Range Plant and pH Neutralization plant using LabVIEW**”, in the I-manager’s Journal on Instrumentation & Control Engineering, Vol. 4 1, No. 3 1 May – July, 2016.
2. **Ms. S. Harivardhagini**, Assoc. Prof of EIE Dept. published a paper on “**LabVIEW based Sliding Mode Control of a pH Neutralization System**”, in the CVR Journal of Science and Technology, Vol. 10, June, 2016.
3. **Mr. O. Venkata Krishna**, Assoc. Prof of EIE Dept. published a paper on “**Automatic Cheque Clearance System Using Matlab**”, in the CVR Journal of Science and Technology, Vol. 10, June, 2016.
4. **Mr. G. Venkateswarlu**, Asst. Prof of EIE Dept, published a paper on “**Multi-Channel UART Controller with FIFO and FPGA**”, in the CVR Journal of Science and Technology, Vol. 10, June, 2016.

5. **Mr. G. Venkateswarlu**, Asst. Prof of EIE Dept. published a paper on “**SCADA Based Automatic Direct Reduction of Iron Process Using Allen-Bradley Programmable Logic Controllers**”, in the CVR Journal of Science and Technology, Vol. 10, June, 2016.

#### Participation in National / International / Conferences / Seminars / Workshops

1. **Ms. S. Harivardhagini, Mr. B. Satish, Mr. O. Venkata Krishna**, Assoc. Profs, **Mr. P. Choudesh Varma, Mr. G. Venkateswarlu, Mr. K. Uday, Ms. V. Sreelatha Reddy, Ms. Y. Divya and Ms. R. Prameela Devi**, Asst. Profs of EIE Dept. participated in a two day workshop on “**Virtual Instrumentation using LabVIEW**”, **Version-2015**”, conducted by EIE Department at CVRCE from 4– 5 July, 2016.
2. **Ms. R. Prameela Devi**, Asst. Prof of EIE Dept. participated in DeitY, MCIT sponsored faculty development programme on “**Advanced Digital Signal Processing And Applications**”, organized by E&ICT, NIT Warangal at Department of ECE, Vardhaman College of Engineering, Hyderabad, from 19 – 24 September, 2016.
3. **Mr. K. Uday**, Asst. Prof of EIE Dept. participated in GIAN’s (Global Initiative of Academic Networks, under the scheme of M.H.R.D Govt of India) course on “**Bio-Medical Signal Analysis**”, organized by the department of E.C.E NIT Warangal from 10 -15 October, 2016.
4. **Mr. G. Venkateswarlu**, Asst. Prof of EIE Dept. participated in a Webinar on “**MELSOFT GX Works3: Mitsubishi Programmable Controller Engineering Software and System Design**”. Speaker for the programme was Mr. K. Pradeep (FAC, Bangalore). The program was conducted by Mitsubishi Electric India Pvt. Ltd. on 18 October, 2016.
5. **Mr. G. Venkateswarlu**, Asst. Prof of EIE Dept. participated in a Webinar on “**MELSEC iQ-F Series: The Next Level of Industry**”. Speaker for the programme was Mr. Muttappa Lalagundi (FAC, Bangalore). The program was conducted by Mitsubishi Electric India Pvt. Ltd, on 25 October, 2016.
6. **Ms. R. Prameela Devi**, Asst. Prof of EIE Dept. participated in one week workshop on “**VLSI and Embedded System Design in Communications**”, conducted by ECE Dept, CVRCE, Hyderabad from 15-19 November, 2016.
7. **Ms. S. Harivardhagini, Mr. B. Satish, Mr. O. Venkata Krishna**, Assoc. Profs, **Mr. G. Venkateswarlu, Mr. P. Choudesh Varma, Ms. R. Prameela Devi, Ms. V. Sreelatha Reddy, Ms. Y. Divya, Mr. K. Uday, Ms. K. Padmaleela and Mr. C. Pramod Kumar**, Asst. Profs of the EIE Dept. participated in a one week workshop on “**LabVIEW Based System Design for Multidisciplinary Research Application**”, conducted by EIE Department in collaboration with National Instruments Systems (India) Pvt. Ltd. Bangalore at CVRCE, from 21 – 25 November, 2016.



## Participation in National / International / Conferences / Seminars / Workshops

### **Virtual Instrumentation using LabVIEW Version 2015**

The EIE Dept. organized a two day faculty workshop on “**Virtual Instrumentation Using LabVIEW Version 2015**”, on 4 & 5 July, 2016. The programme was sponsored by CVR College of Engineering. There were thirty three participants from other departments of the college. The speakers were from VI Solutions, Bangalore. The modules that were covered were: LabVIEW Programming Techniques on Loops, Structures, Arrays, Clusters, Math Script etc., Image processing Tool for Image Acquisition and Compression, hands on experience of DAQ Boards, Control System Tool Box for PID Controller and Interfacing of Sensors to labVIEW with My DAQ. The speakers in the programme were:

Mr. Sunil Kumar, VI Solutions, Bangalore.

Mr. Vasanth Kumar, VI Solutions, Bangalore.

#### **Workshop co-ordinators:**

Ms S. Harivardhini, Assoc. Prof

Ms V. Sreelatha Reddy, Asst. Prof

#### **Co-coordinator:**

Mr. P. Choudesh Varma, Asst. Prof



Participants at the Workshop

### **LabVIEW Based System Design for Multidisciplinary Research Application**

The EIE Dept. organized a one week workshop on "LabVIEW Based System Design for Multidisciplinary Research Application", from 21- 25 November, 2016. The programme was sponsored by CVR College of Engineering. There were thirty six participants from other departments of the college.. The speakers were from VI solutions, Bangalore. Topics covered during the workshop were: LabVIEW programming Techniques on Loops, Structures, Arrays, Clusters, Math Script etc., Image ProcessingTool for Image acquisition and Compression, Hands on experience of DAQ Boards, Control System Tool Box for PID controller, Interfacing of Sensors to LabVIEW with My DAQ. The speakers in the programme were:

Mr. Sunil Kumar, VI Solutions, Bangalore.

Mr. Vasanth Kumar, VI Solutions, Bangalore.

This Workshop was inaugurated by Dr. K. V. Chalapathi Rao, Professor-Emeritus, CSE Dept, CVR College of Engineering.

**Workshop Co-ordinators :**

Ms S. Harivardhagini, Assoc. Prof

Ms V. Sreelatha Reddy, Asst. Prof

**Co-coordinator :**

Ms. Y. Divya, Asst. Prof



Hands on Session

**Achievements:**

1. **Mr. G. Venkateswarlu**, Asst. Prof of EIE Dept. first inventor has registered provisionally for **patent** of Project- Intellectual Property Rights, Government of INDIA at **Chennai Patent office** titled **“ECO-Transport System for Smart City”**, on 2 September, 2016. CBR No: 22502, Application number: **201641030050** and reference Number: E-2/2603/2016-CHE.
2. The project proposal of **Mr. G. Venkateswarlu**, Asst. Prof of EIE Dept. and his team members secured a place amongst top teams from across the country on 20 September, 2016 for National Level Automation Competition conducted by **Mitsubishi Electric India Pvt. Ltd.** The team received an **appreciation** letter from Mitsubishi Electric India on 10 October, 2016.
3. **Mr. G. Venkateswarlu**, Asst. Prof of EIE Dept. and his team members received a **sponsored/funded** project from Mitsubishi Electric India Pvt. Ltd, costing nearly **Rs.80,000/-**. Mitsubishi Electric India sponsored the following equipment to successfully complete the project.

S. No	Product	Description	Prize (in Rs)	Quantity	Sponsored by
1	FX5U-32MT/ES	PLC Basic Unit	46,970/-	1	Mitsubishi Electric India-Pvt Limited
2	GS2107-WTBD	HMI	31,900/-	1	Mitsubishi Electric India Pvt Limited
3	MCB's	6A & 16A (set of 2MCB's)	800/-	1	Mitsubishi Electric India Pvt Limited
<b>TOTAL</b>			<b>RS. 79,670/-</b>		

## Students Association:

### **IETE Student Forum Activity**

A Guest lecture was conducted under IETE activity for III year-I SEM EIE Student Forum IETE on 4 October, 2016. **Dr. D. Linga Reddy**, UGC Emeritus Professor and Honorary Secretary IET, was the Chief Guest. He spoke on the topic '**Sensors and Applications**'. Dr. K.S. Nayanathara, Former Member, Governing Council IETE and Principal of our college graced the occasion and addressed the students on the various levels of membership at IETE, the eligibility criteria and the importance of this Professional Body Membership. **Dr. M.S. Bhat**, Head EIE gave the welcome address. The Chief Guest was introduced by P. Choudesh Varma, Asst. Prof of the Electronics and Instrumentation Department.



Welcome Address by Dr. M. S. Bhatt



Lecture by Dr. D. Linga Reddy

## Dr. M. S. Bhat Professor & Head EIE Graces Various Events

1. **Dr. M. S. Bhat**, Professor & Head EIE Dept. was invited to deliver a guest lecture by JNTU-H to Engineering and Management Studies research scholars. He was invited by Director R&D JNTU-H, to deliver a lecture on "**Types of Research, Research Publications**", to research scholars from Engineering and Management Studies of JNTU-H on 20 September, 2016. There were more than thirty Ph. D. scholars from JNTU-H from various branches of Engineering and Management Studies who attended the session. The lecture session was interactive with the scholars raising pertinent and relevant questions on the process of conducting research studies for their Ph.D. Dr. Bhat answered their queries effectively.
2. **Dr. M. S. Bhat**, was invited by Director General SGBES Badruka College to chair a technical session on "**Impact of Trade Liberalization on Indian Economy**", held on 19 November, 2016 as part of a two day national seminar on Indian Economy in the Era of 25 Years of Reforms: Performance and Issues (sponsored by UGC & TSCHE) on 18 & 19 November, 2016.
3. **Dr. M. S. Bhat**, was nominated to the Advisory Committee as a member, for faculty development programme on "**Management Pedagogy**", conducted by School of Management JNTU-H during 27-28 September, 2016.

### Ph. D Final Viva

The final viva voce examination was conducted on the Ph. D thesis entitled “**A Study of Supply Chain Management in Medium Sized Manufacturing Companies**”, submitted by Mr. Y. Ramakrishna, Associate Professor VIJM and Ph.D. Research Scholar at JNTU-H on 25 November, 2016. **Dr. M. S. Bhat** who has been the supervisor of the scholar was internal examiner for the viva.

## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ERUDITION OF KNOWLEDGE**

### Publications in National / International Conferences / Journals

1. **Dr. K. Narendar Reddy**, Professor of CSE Dept. published a paper on “**A Novel Method for Reducing Testing Time in Scrum Agile Process**”, in the International Journal of Software Engineering & Applications (IJSEA), Vol. 7, No. 5, September 2016.
2. **Ms. Suguna Mallika**, Assoc. Prof of CSE Dept. presented and published a paper on “**Digital Literacy – Paving way for Citizen Empowerment**”, in the International Conference on Smart Cities – ICSC’16 at RGM CET, Nandyal from 15 – 17 December, 2016.
3. **Dr. D. Durga Bhavani**, Professor of CSE Dept. published a paper on “**Information Retrieval Systems: Challenges and Issues**”, in the International Journal of Modern Computer Science in December, 2016.
4. **Dr. D. Durga Bhavani**, Professor of CSE Dept. published a paper on “**Current Trends in Information Retrieval Systems: Strategies and Algorithms**”, in an International Journal of Multidisciplinary Engineering in Current Research (IJMEC) Vol. 1, Issue 1, in December, 2016.
5. **Dr. N. V. Rao**, Professor of CSE Dept. published a paper on “**Emerging Trends in Electrical Communications and Information Technologies**”, in the lecture notes on Electrical Engineering Vol. 394 by Springer in December, 2016.

### Paper/Poster Presentation in National / International Conferences

1. **Dr. N. V. Rao**, Professor of CSE Dept. presented a paper on “**Arnold – Wavelet based Robust Watermarking Technique for Medical Images**”, in the International Conference IEEE ICTBIG 2016, held at Indore, on 18 -19 November, 2016.
2. **Mr. Raghava M**, Assoc. Prof of CSE Dept. presented a paper on “**A Scalable Spatial Anisotropic Interpolation Approach for Object Removal from Images using Elastic Net Regularization**”, in MIWAI-2016, at Thailand, conducted from 7 – 9 December, 2016.



3. **Mr. Nenavath Srinivas Naik**, Asst. Prof of CSE Dept. presented poster on “**A Data Locality based MapReduce Scheduler in Heterogeneous Environments**”, in 23<sup>rd</sup> IEEE International Conference on High Performance Computing, Data, and Analytics (HIPC) at Hyderabad International Convention Center (HICC), Novotel and HICC Complex, Hyderabad, from 19 - 22 December, 2016.

#### Participation in National / International / Conferences / Seminars / Workshops

1. **Ms. V. Bhavani**, Asst. Prof and **Ms. N. Vanaja**, Assoc. Prof of CSE Dept. participated in a two day workshop on “**Virtual Implementation LABVIEW version 2015**”, at CVRCE, from 4 – 5 July, 2016.
2. **Ms. N. Vanaja**, Assoc. Prof, **Mr. Narrotam Patel** and **Ms. G. Swetha**, Asst. Profs of CSE Dept. participated in FDP on “**Machine Learning with Python**”, at JNTUH, from 15 – 16 July, 2016.
3. **Mr. S. Srinivas**, Asst. Prof of CSE Dept. participated in one week workshop on “**Data Science with R**”, at Acharya Institute of Technology, Bangalore, from 25 – 30 July, 2016.
4. **Mr. Narrotam Patel**, Asst. Prof of CSE Dept. participated in five day workshop on “**Faculty Enablement Program - PYTHON Programming**”, at Vasavi College of Engineering, Hyderabad, from 25 – 29 July, 2016.
5. **Mr. Ch. Ram Mohan**, Assoc. Prof of CSE Dept. participated in NSS Program Officer Training at Osmania University, from 4 – 10 August, 2016.
6. **Dr. Vani Vathsala**, and **Dr. K. Venkateshwara Rao**, Professors, **Mr. V. Anand**, **Ms. N. Vanaja**, Assoc. Profs, **Mr. Narrotam Patel**, **Mr. Umar**, **Ms. V. N. V. L. S. Swathi**, **Mr. Ashwin Kumar**, **Ms. M. Archana**, **Ms. CH. Pravallika**, **Ms. Revathi Lavanya Baggam**, **Mr. S. Srinivas**, **Ms. M. Vasavi**, **Ms. V. Bhavani**, **Ms. P. Madhavi**, Asst. Profs of CSE Dept. participated in FDP on “**Data Science and Big Data Analysis**”, at CVRCE, from 19 – 24 August , 2016.
7. **Mr. B. Rambabu**, Assoc. Prof of CSE Dept. participated a two day workshop on “**Cloud Computing**”, at CBIT, Hyderabad, from 7-8 September, 2016.
8. **Ms. N. Vanaja**, **Ms. M. Sunitha**, Assoc. Profs and **Ms. CH. Pravallika**, Asst. Prof of CSE Dept. participated in FDP on “**Algorithms**”, at JNTUH, Hyderabad, from 20 – 27 September, 2016.

9. **Ms. Suguna Mallika**, Assoc. Prof, **Ms. G. Swetha**, **Ms. M. Archana**, and **Ms. V.N.V.L.S. Swathi**, Asst. Profs of CSE Dept. participated in workshop on **“Practical Machine Learning And Data science”**, at Osmania University, from 17 – 18 October , 2016.
10. **Dr. Vani Vathsala**, Professor, **Mr. C. Ramesh**, **Mr. B. Rambabu**, Assoc. Profs, **Mr. Umar**, **Mr. Ashwain Kumar**, **Ms. M. Vasavi**, and **Ms. P. Madhavi**, Asst. Profs of CSE Dept. participated in workshop on **“Secure Interoffice Communication”**, at CVRCE on 20 October , 2016.
11. **Mr. B. Rambabu**, **Mr. C. Ramesh**, Assoc. Profs, **Mr. R. Sahith**, **Mr. S. M. Ali**, Sr. Asst. Prof, **Ms. G. Sushma**, and **Mr. R. Satyaprakash**, Asst. Profs of CSE Dept. participated in a five day workshop on **“R Programming and Data Analytics”**, at CVRCE, from 1 – 5 November, 2016.
12. **Mr. R. Sahith**, Sr. Asst. Prof of CSE Dept. participated in a two day Mentor development program on **“Effective Entrepreneurship Mentoring”**, at VBIT, from 16 – 17 November, 2016.
13. **Ms. V. Bhavani**, and **Ms. P. Madhavi**, Asst. Profs of CSE Dept. participated in a five day workshop on **“Database Design and Programming in SQL”**, at Gokaraju Rangaraju Institute of Engineering, from 21 – 25 November, 2016.
14. **Ms. D. Rachana**, **Ms. G. Sushma**, **Ms. M. Meghana**, **Ms. T. S. P. Madhuri**, **Ms. A. Swathi**, **Ms. V.N.V.L.S. Swathi**, and **Mr. R. Satyaprakash**, Asst. Profs of CSE Dept. participated in one week workshop on **“Machine Learning – Recent Trends and Applications”**, at G. Narayanamma Institute of Technology and Sciences, from 21 – 26 November, 2016.
15. **Mr. Ch. Ram Mohan**, Assoc. Prof of CSE Dept. participated in two week workshop on **“Wireless Sensor Networks and Underlying Characteristics”**, at JNTUH, from 14 – 23 December, 2016.
16. **Ms. B. Rambabu**, Assoc. Prof, and **Ms. S.V.S.D. Lakshmi**, Asst. Prof of CSE Dept. participated in one week workshop on **“Recent Trends in Network Security with Hands on using ns-3”**, at MVSR Engineering College, from 19 – 24 December, 2016.

#### Guest Lectures:

1. **Mr. Ch. Ram Mohan**, and **Ms. M. Sunitha** Assoc. Profs of CSE Dept. delivered guest lectures in one day workshop on **“Inter-office Communication”**, held at CVRCE on 20 October, 2016.
2. Department of CSE facilitated and trained the faculty members and non-teaching staff on PKI infrastructure ‘Inter-Office Secure Communication using PKI’.

S. No	Date	Time	Department	Theory session	Hands on session
1	4/11/2016	12:30PM-3:30PM	MECHANICAL	M. Sunitha	Mr. A. Ashwin Kumar
2	7/11/2016	12:30PM-3:30PM	CIVIL & EEE	Mr. Ram Mohan	Mr. A. Ashwin Kumar
3	9/11/2016	12:30PM-3:30PM	CSE & IT	Prof Badrinarayana	Ms. V.N.V.L.S. Swathi
4	26/11/2016	9:30 AM-12:30PM	H & S	Dr. A. VaniVathsala	Ms. V.N.V.L.S. Swathi

3. CSE Dept generated the digitally signed participation certificates for the following workshops conducted in our college by various departments.
- “Global Trends in Renewable Energy systems & Smart Grids” organized by EEE Dept. from 21 - 26 November, 2016.
  - “Electromagnetic Fields, Transmission Lines and their Applications”, organized by ECE Dept during 21-25 November, 2016.
  - “Labview Based System Design for Multidisciplinary Research Applications”, organized by EIE Dept. from 21 - 25 November, 2016.
  - “Big Data Analytics”, organized by IT Dept. from 21-23 December, 2016.
  - “State level Inter College Sports Competition” organized by CVRCE in academic year 2016- 2017.

#### The list of Invited Talks arranged by Dept of CSE:

- Guest Lecture on “Big Data Technologies”, by **Dr. Bhanu Murthy**, Consultant in Data Science, Washington, on 29 September, 2016.
- Innovations in Technology by **Mr. B. Rohini Kumar**, IIT KANPUR on 15 November, 2016.
- Tools and Technologies for Trusting the Web by **Mr. Vishnu Pendyala**, CISCO on 5 December, 2016.

S. No.	Name of the Student Branch	Name of the Event	Date of Event	Event Details in Brief	Speaker's Name and Designation	Remarks
1	<b>CVR COLLEGE OF ENGINEERING Hyderabad</b>	Invited Talk on Biometric Authentication Systems	7/20/2016	Speakers from ECIL who have enormous experience in this field have enlightened the students with design issues, architecture and uses of Biometric Authentication systems	Mr. A.P Raju from ECIL, Hyderabad	The talk was attended by 150+ III year and II year CSE and IT students and faculty members of CSI student branch. The talk has culminated enormous interest in the students about Biometrics.

S. No	Name of the Student Branch	Name of the Event	Date of Event	Event Details in Brief	Speaker's Name and Designation	Remarks
2.	<b>CVR COLLEGE OF ENGINEERING Hyderabad</b>	Invited Talk on Effective Presentation skills	8/10/2016	Prof.M.L Sai kumar, who has vast experience in both software testing and teaching could make the young students understand the importance of Effectively presenting themselves in interviews and group discussions.	Prof.M.LSai Kumar, Prof (Retd), IPE,OU, Hyderabad	The talk is attended by 120+ II year CSE and IT students and, faculty members of CSI student branch. It was a very interactive session. At the end, as a social responsibility, professor made the students understand and appreciate the role of parents in our lives.
3		Technical Quiz	10/18/2016	This quiz was conducted to test the programming skills of second year students to make them realise their capabilities in this area. Multiple choice questions from various subjects like OOP through Java, C language, data structures were asked.	CSISB, CVRCE	Around 100+ students of II year CSE and IT students have written this exam. Cash prizes worth Rs4500 were distributed for first, second and third prize winners.
4		Invited Talk on "How Apple is changing the world"	11/15/2016		Mr.Rohini Kumar, Alumini of IIT Kanpur	The talk is attended by 70+ II year CSE and IT students and, faculty members of CSI student branch. It was a very interactive session.



S. No	Name of the Student Branch	Name of the Event	Date of Event	Event Details in Brief	Speaker's Name and Designation.	Remarks
	CVR COLLEGE OF ENGINEERING Hyderabad					IIT Kanpur The talk is attended by 70+ II year CSE and IT students and, faculty members of CSI student branch. It was a very interactive session.

**DEPARTMENT OF INFORMATION TECHNOLOGY  
ERUDITION OF KNOWLEDGE**

**Publications in National / International Conferences / Journals**

1. **Ms. S. Jyothsna**, Asst. Prof of IT Dept. published a paper on “**Distributed Load Balancing in Cloud Using Honey Bee Optimization**”, in the International Journal of Emerging Trends and Technology in Computer Science, during November - December 2016.
2. **Dr. Bipin Bihari Jaya Singh**, Professor and HOD of IT Dept. published a paper on “**Inquiry Based Inductive Learning Practices In Engineering Education-A Classroom Study**”, in 4<sup>th</sup> IEEE International Conference on “**Moocs, Innovation And Technology in Education**” (Mite’16), at Thaigarajar College of Engineering, Madurai, from 9–10 December, 2016.
3. **Mr. D. Bhanu Mahesh**, Asst. Prof of IT Dept published a paper on “**Security Issues And Challenges Of Big Data Analytics And Visualization**”, in the 2<sup>nd</sup> International Conference on Contemporary Computing and Informatics held in Amity University, Noida, from 14– 16 December, 2016.
4. **Mr. C V S Satayamurthi**, Assoc. Prof of IT Dept published a paper on “**Publishing Relational Data as Virtual RDF**”, in International Journal of Latest Research in Engineering and Technology (IJLRET) Vol 2, Issue 12 in December, 2016.

**Paper Presentation in National / International Conferences**

1. **Dr. Bipin Bihari Jaya Singh**, Professor and HOD, of IT Dept. presented a paper on “**Levelwise Filtration System for Forensic Analysis of Social Networking**”, in 2<sup>nd</sup> International Conference on “Contemporary Computing and Informatics”, held in Amity University, Noida, from 14– 16 December, 2016.

2. **Dr. Bipin Bihari Jaya Singh**, Professor and HOD, of IT Dept. presented a paper on “**Security Issues And Challenges Of Big Data Analytics And Visualization**”, in 2<sup>nd</sup> International Conference on “Contemporary Computing and Informatics”, held in Amity University, Noida, during 14 – 16 December, 2016.

### Participation in National / International / Conferences / Seminars / Workshops

1. **Dr. H. N. Lakshmi**, Professor, **Mr. S. Anupkanth**, and **Ms. G. Bhagyasri**, Asst. Profs of IT Dept. participated in a twelve day workshop on “**Design of Algorithms for Big Data Analytics**”, organized by GIAN, SCIS, University of Hyderabad, from 1 – 12 August, 2016.
2. **Dr. R. Seetharamaiah**, and **Dr. Bipin Bihari Jayasingh**, Professors, **Mr. A. Mallareddy**, **Mr. Ch. V S Satyamurthy**, **Ms. E. Jyothi Kiranmayi**, Assoc. Profs, **Mr. A. Seetharam Nagesh**, **Ms. P. Pavani**, Sr. Asst. Profs, **Mr. Vamshi Vijaya Krishna**, **Ms. A. Chandana**, **Mr. N. Sateesh**, **Ms. G. Sunitha Rekha**, **Mr. D. Bhanu Mahesh**, **Mr. Seravana Kumar**, **Ms. D. Mamatha Rani**, **Ms. J. Yashasree**, **Ms. T. Nishitha** and **Ms. Manasa**, Asst. Profs of IT Department participated in a six day workshop on “**Data Science and Big Data Analytics**”, in CVR College of Engineering, from 19 – 25 August, 2016.
3. **Mr. A. Mallareddy**, Assoc. Prof and **Mr. A. Seetharam Nagesh**, Sr. Asst. Prof of IT Dept. participated in a two days workshop on “**Cloud Computing**”, organized by the Dept. of CSE, CBIT, Hyderabad, from 7-8 September, 2016.
4. **Mr. Ch. V. S. Satyamurthy**, Assoc. Prof, and **Mr. Srinivas Reddy P**, Asst. Prof of IT Dept. participated in one-week national level faculty development programme on “**Algorithms**”, organized by Dept. of CSE, JNTUH College of Engineering Hyderabad, from 20-27 September, 2016.
5. **Dr. R. Seetharamaiah**, Professor, **D. Bhanu Mahesh**, and **Mr. Nayani Sateesh**, Asst. Profs of IT Dept. participated in one-week faculty development programme on “**Machine Learning with R**”, organized by Dept. of CSE, PVP Siddhartha Institute of Technology, Vijayawada, from 27 September – 1 October, 2016.
6. **Ms. S. Jyothsna**, **Ms. M. Laxmi Jeevani**, and **Ms. K. Anusha**, Asst. Profs of IT Dept. participated in a two day workshop on “**Practical Machine Learning and Data Sciences**”, organized by Department of CSE, College of Engineering, Osmania University, Hyderabad during 17-18 October, 2016.
7. **Ms. P. Pavani**, Sr. Asst. Prof **Ms. G. Sunitha Rekha**, **Ms. Yashasree J**, Asst. Profs of IT Dept. participated in a one day workshop on “**E – Learning and Multimedia Analytics**”, conducted by JNTUH, on 25 October, 2016.
8. **Dr. H. N. Lakshmi**, Professor, **Mr. B Vikranth**, **Mr. Ch. V S Satyamurthy**, **Ms. E. Jyothi Kiranmayi**, Assoc. Profs, **Mr. S. Anupkanth**, **Mr. J. Vamshi Vijaya Krishna**, **Ms. G. Bhagyasri**, **Ms. G. Sunitha**

**Rekha, Mr. D. Bhanu Mahesh, Ms. A. Srichandana, Mr. Nayani Sateesh, Mr. P. Seravana Kumar, Ms. J. Yashasree, Ms. P. Pravallika, Ms. Naseem Begum, Mr. S. Bhargav, Ms. M. Laxmi Jeevani, K. Anusha, and Ms. V. Reshmasree,** Asst. Profs of IT Department participated in one week workshop on “**R-Programming and Data Analytics**”, at CVR College of Engineering, from 1 – 5 November 2016.

9. **Ms. N. Pavani**, Sr. Asst Prof, **Ms. J. Yashasree**, and **Ms. T. Nishitha**, Asst. Profs of IT Dept participated in a six day workshop on “**Machine Learning: Recent Trends and its Applications**”, organized by Department of CSE, GNITS, Hyderabad, from 21 – 26 November, 2016.

10. **Mr. CVS Satya Murty**, Assoc. Prof and **Mr. A Seetha Ram Nagessh**, Sr. Asst. Prof of IT Dept. participated in a seven day workshop on “**Cloud Security and Privacy**”, at NIT, Goa, from 12 – 18 December, 2016.

11. **Ms. E. Jyothi Kiranmayi**, Assoc. Prof and **Ms. P. Pravallika**, Asst. Prof of IT Dept. participated in one week faculty development program on “**Recent Trends in Network Security with Hands-on using NS3(Network Simulator)**”, organized by Department of CSE and IT in collaboration with IEEE and CSI in MVSR Engineering College from 19 – 24 December, 2016.

12. **Ms. S. Jyothsna, Ms. A. Srichandana, Ms. J. Yashasree, Ms. T. Nishitha, Ms. Naseem Begum, Mr. P. Srinivas Reddy, and Ms. K. Anusha**, Asst. Profs of IT Dept. participated in a three day workshop on “**Big Data Analytics**”, in CVR College of Engineering, from 21 – 23 December, 2016.

### Stake Holders Meeting

A stakeholders meeting was conducted on 12 November, 2016 regarding review and revision of Mission, Course Outcomes and Program Specific Outcomes of the department. The various stakeholders included were the alumni, parents, industry experts, students and faculty and their suggestions were taken for the following:

- Revision of mission of the department.
- Revision of Course Outcomes (COs) of different courses offered by department.
- Deriving Program Specific Outcomes (PSOs) [as required by the new NBA format].

It was decided at the meeting that the suggestions given by all the stakeholders on Mission, Course Outcomes and Program Specific Outcomes of the department would be incorporated and put up for further revision in the Internal Board Of Studies meeting to be held in the third week of November.

### Guest Lecture:

1. An invited talk on “**Multi-Biometrics for Unique Identification**” was organized by CSI Student Chapter. The lecture was delivered by **Sri A.P. Raju**, Senior Manager, Corporate R&D, ECIL, for students on 20

2. A guest lecture on “**Selenium Web Driver with Java, a Functional Testing Tool**” was delivered by **Mr. G. Kalyan**, Team Lead, NESS Technologies for IV year students of IT on 23 July, 2016.
3. A guest lecture on “**Mobile Application Performance Monitoring**”, was delivered by **Mr. Shiva Kumar Loka**, alumni of the college, presently working in California, USA, on 25 July, 2016.
4. A guest lecture on “**Machine Learning**”, was delivered by **Mr. B. Varun Reddy**, COO, Bangalore, for IV year students on 23 August, 2016.
5. A guest lecture on “**Python with Numpy and Scipy and Security Aspects with Linux Administration**” was delivered by **Dr. Mululaem Teku**, IIIT Hyderabad, for IV year students of IT on 22 September, 2016.
6. A guest lecture on “**Digital Trends and Technologies**”, was delivered by **Dr. T. V. Sheshagiri**, TCS, for IV year students on 3 October, 2016.

### Workshops Organized:

#### **Ethical Hacking**

The Student Technical Association of IT Department “**IngenuITY**” conducted a two day workshop on “**Ethical Hacking**” in association with CVR CSI Student Branch and Technolites on 9 & 10 September, 2016 at CVR college of Engineering. There were four invited speakers from reputed industries like IBM Hyderabad, Enterprise Risk Services, ECIL Corp. Ltd and one in house speaker. 8 technical sessions were arranged, including 2 sessions of Lab experiments, 2 sessions of online Demo followed by panel discussion, inaugural and valedictory function. A total of 110 candidates registered and participated in the workshop out of which 22 were from other institutions and 50 were students from other departments of our college. The Chief Guest of the inaugural ceremony **Sri. K. Mohan Raidu**, Vice Chairman, CSI Hyderabad, addressed the gathering. He was followed by the Guest of Honor Dr. N. V. Rao, Dean Academics of the college. The Convener of the workshop was Dr. Bipin B. Jayasingh, Professor, IT Dept.

#### **R-Programming and Data Analytics**

Department of IT organized a one week workshop on “**R-Programming and Data Analytics**”, from 1 – 5 November, 2016 at CVR college of Engineering. There were 5 invited speakers of which 3 of them were external speakers and 2 were in-house speakers. 10 technical sessions were arranged which included 5 sessions of Lab experiments. Around 55 candidates registered out of which 5 were faculty members from other institutions. The Convener of the workshop was Dr. Seetharamaiah, Professor, IT Dept.

#### **Big Data Analytics**

Department of IT organized a 3 day workshop on “**Big Data Analytics**”, from 21 – 23 December, 2016 at CVR college of Engineering. There were two invited speakers **Mr. Amar Sharma**, Founder and CEO, WOIR Software India Pvt. Ltd. and **Dr. P S V S Sai Prasad**, Asst. Prof, University of Hyderabad, India. 6 technical sessions including 3 sessions of Lab exercises were arranged. Around 90 candidates were registered out of which 25 faculty members and students were from other institutions. **Mr. Anil Kumar Srivastava**, Dy. Director & Scientist “D”,



CFSL, GOI, Hyderabad was the Chief Guest and he rendered talks on various research views in Big Data Analytics as part of his message to the participants. The Convener of the workshop was Dr. H. N. Lakshmi, Professor, IT Dept.

### IngenuTy Activities:

#### **Technical Fest**

The Student Technical Association of IT Department “**IngenuTy**”, organized a departmental technical fest “**TECH SHASTRA – 2016**”, from 3 -7 October, 2016. In this regard seven different events were organized by the students. The events were:

1. Fastest Fingers First
  - a. Round-1 MCQs on Basic A & Computing
  - b. Round-2 Problem Solving through C
2. Geeky Gestures (Technical Dumb charades)
3. Debugging the code
4. Technical Quiz
5. Tech Talks
6. Stand Up Comedy
7. Paper Presentation

#### **DEPARTMENT OF MECHANICAL ENGINEERING ERUDITION OF KNOWLEDGE**

### Publications in National / International Conferences / Journals

1. **Mr. P.V. Ramana**, Assoc. Prof and **Mr. D. Rambabu**, Asst. Prof of Mech Dept. published a paper on “**Experimental Comparison of Single and Multi-Stage Air Compressor Efficiencies under the Same Receiver Tank Pressure**”, in AIJRRLLJSM, Vol-1, Issue-6, in June, 2016.
2. **Ms. Tejasvi. P**, Asst. Prof of Mech Dept. published a paper on “**Analysis and Experimental Validation of Asymmetrically Loaded Clamped Circular Plate**”, in Journal of Chemical and Pharmaceutical Sciences, Vol-9, Issue-4, in October, 2016.
3. **Dr. M. Venkata Ramana**, Professor and HOD of Mech Dept, **Dr. P. Uma Maheshwara Reddy**, Professor, and **Mr. K. Sriker**, Asst. Prof of Mech Dept. published a paper on “**Investigation of Wear Characteristics of Fe-Cr-C Hard Facing Alloy on AISI-304 Steel**”, in CVR Journal of Science and Technology, Vol 11, Dec 2016.
4. **Mr. Lokeshwar Patnaik** and **Mr. Sunil Kumar**, Asst. Profs of Mech Dept. published a paper on “**Analysis and Design of Plastic Mold for Male Insulator of Solar Connector Using Plastic Advisor 7.0**”, in CVR Journal of Science and Technology, Vol 11, December, 2016.

## Participation in National / International / Conferences / Seminars /Workshops

1. **Mr. D. Rambabu**, Asst. Prof of Mech Dept. participated in a two day National Level Workshop on **“Hands on Practice on 3d Printing: Trends, Opportunities, Challenges and Applications”**, at Malla Reddy Engineering College, Hyderabad, from 1 – 2 July, 2016.
2. **Mr. Sunil Kumar, Ms. M.R.S. Rupasri, Mr. K. Srikar, and Mr. Bharath Kumar S.B**, Asst. Profs of Mech Dept. participated in a two day workshop on **“Virtual Instrumentation”**, at CVRCE from 4 – 5 July, 2016.
3. **Dr. M. Venkata Ramana**, Professor and HOD of Mech Dept. participated and presented a paper in an International Conference on **“Advancements in Aero-Mechanical Materials for Manufacturing”**, (ICAAMM-2016) held at MLRIT, Hyderabad, from 7 – 9 July, 2016.
4. **Mr. M.V.B Krishnam Raju**, Asst. Prof of Mech Dept. participated in a ten day course on **“Electron Microscopy- Basics and Applications”**, at IIT Hyderabad from 18 – 29 July, 2016.
5. **Mr. Lokeswar Patnaik, and Mr. Sunil Kumar**, Asst. Profs of Mech Dept. participated in 4<sup>th</sup> Asia Conference on Mechanical and materials engineering (ACMME-2016) at Kuala Lumpur, Malaysia from 14 -18 July 2016.
6. **Mr. P. Srinivas Reddy**, Asst. Prof of Mech Dept. participated in faculty development program on **“Data Science and Big Data Analytics”**, in CVRCE from 19 – 24 August 2016.
7. **Mr. P. Srinivas Reddy**, Asst. Prof of Mech Dept. participated in a one day workshop on **“Secure Inter Office Communication Using Public Key Infrastructure”**, at CVRCE on 4 October, 2016.
8. **Mr. D. Rambabu**, Asst. Prof of Mech Dept. participated in 6<sup>th</sup> National conference on **“Advances in Mechanical Engineering”**, (AIM-2016) at Vasavi College of Engineering, Hyderabad, from 6 – 7 October, 2016.
9. **Mr. B. Appala Naidu**, Assoc. Prof, **Ms. Gayatri Vineela. M**, Sr. Asst. Prof, **Mr. P. Lava Kumar, Mr. A.L.N. Arun Kumar, Ms. M. R. S. Rupasri, Ms. B. Sravya Reddy**, Asst. Profs of Mech Dept. participated in a two day workshop on **“Advanced Welding Techniques”**, at UCE, Osmania University, Hyderabad from 21 – 22 October, 2016.
10. **Mr. Lokeswar Patnaik**, Asst. Prof and **Mr. Sunil Kumar**, Asst. Prof of Mech Dept. participated in a two workshop on **“New Product Development Using Systems Engineering Principles for Industry Professionals”**, at IIT Kharagpur, from 21 – 22 October, 2016.
11. **Mr. M. Srinivas Reddy and Ms. G. Vanyasree**, Asst. Profs of Mech Dept. participated in a three day workshop on **“Applications of Numerical Methods in Science and Engineering”**, at UCE, Osmania University, Hyderabad, from 21 – 23 October, 2016.
12. **Mr. T. Dinesh Kumar**, Asst. Prof of Mech Dept. participated in one week faculty updation program on **“Product Design and Manufacturing”**, organized by C-DAC, Hyderabad and Telangana Academy for Skill and Knowledge (TASK), from 24 – 28 October, 2016.

13. **Dr. M. Venkata Ramana**, Professor and HOD and **Mr. K. Srikar**, Asst. Prof of Mech Dept. participated in one day workshop on **“Robust Design and Optimization”**, at Hotel AVASA, Hyderabad, on 28 October, 2016.
14. **Mr. P. Srinivas Reddy**, **Mr. T. Venkatesh**, and **Mr. Pathan Yasin**, Asst. Profs of Mech Dept. participated in one week workshop on **“Computational Approach through MATLAB”**, at Vardhaman College of Engineering, Hyderabad, from 7-12 November, 2016.
15. **Mr. M. V. B. Krishnam Raju** Assoc. Prof of Mech Dept. participated in the **“70<sup>th</sup> Annual Technical Meeting”**, of the Institute held at IIT Kanpur from 11-14 November, 2016.
16. **Mr. Lokeshwar Patnaik**, and **Mr. Sunil**, Asst. Profs of Mech Dept. participated in a two day workshop on **“New Product Development Working System”**, at IIT Kharagpur, from 21-22 November, 2016.
17. **Mr. Bharath Kumar**, **Mr. Anand Kumar**, **Ms. Sravya Reddy**, **Ms. M. Rupasri**, Asst. Profs of Mech Dept. participated in a five day work shop on **“Labview Based System Design for Multidisciplinary Research Application”**, at CVRCE, Hyderabad, from 21-25 November, 2016.
18. **Ms. Gayatri Vineela. M**, Assoc. Prof, and **Ms. Gayathri Tadepalli**, Asst. Prof of Mech Dept. participated in GIAN (Global Initiative of Academic Networks) course on **“Biomaterials Engineering and Digital Manufacturing”**, at IIT Hyderabad from 12 – 21 December, 2016.

### Workshops conducted:

#### **ENTREPRENEURSHIP AWARENESS CAMP**

The department of Mechanical Engineering conducted an **Entrepreneurship Awareness Camp** for three days from 3 –5 October, 2016. Students of final year and the third year from all the branches of engineering from CVRCE as well as students from other neighboring colleges attended the camp. There were 55 participants in the camp. The event was highly interactive and informative for the participants.

The camp was inaugurated on 3 October, 2016 by Dr. K. Nayanathara, Principal CVR College of Engineering and Dr. T.A. Janardhan Reddy, Professor-In-Charge, EDC. Prof L.C. Siva Reddy, Vice-Principal, CVRCE, Prof M.S. Bhat, Head, EIE Department and Prof M. Venkata Ramana, Head, Mechanical Department addressed the participants. 6 resource persons from Psychologists Consulting Group delivered lectures on a wide array of topics dealing with setting up of an enterprise. The Best Start-Up Idea Competition was held for all the participants. The feasible business ideas (Enterprise Promotion-



Address by Dr. T. N. Janardhan Reddy

written proposal) on the theme of Entrepreneurship were collected from the participants, out of which, 3 of the best ideas and 5 consolation prizes were awarded. Participation certificates were distributed to all the participants.

## MECHANICAL BEHAVIOR OF COMPOSITE MATERIALS

A workshop on “**Behaviour of Composites**” was organized by Dr. M. Venkata Ramana, HoD and Dr. Venkatesha Prasanna, Professor, on 23 & 24 December, 2016. Around 20 faculty members from neighboring engineering colleges and around 30 faculty members from the department attended the workshop. The workshop was inaugurated by **Prof G .V. Rao**, former director CPDC, DRDL, Hyderabad and **Dr Raghava V Cherabuddi**, Chairman, CVRCE was Guest of Honour. Dr M. Venkata Ramana, Professor and HODME, Dr. T. A. Janardhan Reddy, Professor I/C EDC, Dr Venkatesha Prasanna, Professor & Workshop Coordinator for Composite Materials, addressed the gathering on the occasion.



Participants at the Workshop

Certificates were given to the participants by Dr. P. Ramesh Babu, Associate Professor, Department of Mechanical Engineering Osmania University. Vote of thanks was proposed by M. V. B. Krishnamraju, Associate Professor, CVRCE.

### Industrial Visits:

#### INDUSTRIAL VISIT TO SRISAILAM

Students of third year (2014 Batch) Mechanical Engineering, (A & C) sections, visited Srisailam Left Canal Power Project and Srisailam project on 4 & 5 October, 2016. 6 faculty members Mr. B. Appalanaidu Assoc.Prof, Mr M .V. B. krishnamraju, Mr .M. Srinivas Reddy, Mr. V. Rahul, Ms. S. Sindura and Ms. K. Navata, Asst. Profs ( H & S )



Visit to Srisailam

accompanied the group. Srisailam Left Bank Hydro Power Plant India is located at Srisailam, Kurnool district, Andhra Pradesh, India. SLBC (Srisailam Left Bank Canal) has 6 power generating Units of 150 MW capacity each (Total 900 MW). On the day of the visit 4 units were operating namely Unit 1, 2, 3, & 6. Former Student (EEE) of CVR Engineering College, present TSGENCO employee Sri Chalama Reddy explained the details of power plant to the students.

#### INDUSTRIAL VISIT TO KTPS

Students of third year (2014 Batch) Mechanical Engineering, B & D sections, visited Kinnerasani Dam and KTPS Phase V & VI, on 30 September and 1 November, 2016. 5 faculty members namely Mr M .V. B. krishnamraju, Mr. T. Dinesh, Mr. A. L. N. Arun kumar, Mr. M .Suresh kumar Asst.Profs (EEE) Dept and Mr. I. Prasant, Lab Assistant accompanied the group. KTPS is located at Palovoncha in Telangana, India. The power plant has an installed capacity of 1,720 MW with 11 units in operation. It is one of the coal based power



plants of Telangana Power Generation Corporation Limited (TSGENCO). The students visited Unit V & VI of 150X2 MW capacity. At a distance of 11 km from Palvoncha, 40 km from Bhadrachalam, 102 km from Khammam and 297 km from Hyderabad, Kinnerasani Dam is located at Yanambile in Khammam district of Telangana. The dam is situated inside Kinnerasani Wildlife Sanctuary. The dam provides water to Kothagudem Thermal Power Station at Palvoncha for power generation. It also provides irrigation facilities to the nearby farmers through lift irrigation.



Visit to KTPS

### INDUSTRIAL VISIT TO NRB

50 students of final year Mechanical Engineering (2013 batch), visited NRB Bearings Ltd, Uppal Division, Hyderabad on 5 July, 2016. 4 faculty members namely Mr. P. V. Ramana Assoc. Prof, Ms. M. Gayatri Vinela Sr.Asst.Prof, Mr .M. V .B. Krishnamraju, and Ms. Tejasvi Asst.Profs accompanied the group. NRB Bearings Limited manufactures Needle Cages, Inner Rings & Bottom Roller Bearings since 1965 in Hyderabad, Telangana. Major clients for NRB are Ashok Leyland Limited, Bajaj Tempo Limited, Eicher Motors Limited, Mahindra & Mahindra Limited, Renault VI, France, Swaraj Mazda, and Tata Motors Limited.



Visit to NRB Bearings

### Guest Lectures:

#### 3D PRINTING

**Dr. Shiva Ramakrishna**, Associate. Professor, Department of Mechanical Engineering, Osmania University delivered a guest lecture on applications of “**3D printing for Bio Medical and Aero space Application**”. This lecture was coordinated by Mr. K. Srikar Asst. Prof of the department. Students of

final year Mechanical Engineering (2013 A &B) batch attended this lecture. This lecture was conducted at the seminar hall of the mechanical engineering department on 18 June, 2016.

#### JIGS AND FIXTURES

**Mr. P.P.C. Prasad**, Former Sr. Manager HMT delivered a guest lecture on “**Application of Jigs and Fixtures**”. Final year mechanical engineering students of A & B sections attended this lecture. This lecturer was coordinated by Mr. M .V.B. Krishnam Raju Asst. Prof in the department. Jigs and fixtures are special purpose tools which are used to facilitate production (machining, assembling and inspection operations), when work piece is based

on the concept of interchangeability according to which every part is produced. The main purpose of a fixture is to locate and in some cases hold a work piece during either a machining operation or some other industrial process. A jig differs from a fixture in that it guides the tool to its correct position in addition to locating and supporting the work piece.

The lecture mainly focused on practical application of Jigs and Fixtures along with basics like definition of terms like eccentricity, ovalality, parallelism, diamond point pin applications etc.

### WARM FORMING

A guest lecture was delivered on warm forming by **Dr. S. K Singh**, Dean R & D, GRIET on 9 September, 2016. III year Mechanical Engineering Student (2014 batch) of A & C sections attended this program. Mr. M. V. B. Krishnamraju Asst.Prof of the department coordinated this event. In materials science, creep is the tendency of a solid material to move slowly or deform permanently under the influence of mechanical stresses. It can occur as a result of long-term exposure to high levels of stress that are still below the yield strength of the material. Creep is more severe in materials that



Dr. S. K. Singh Delivering Lecture

are subjected to heat for long periods, and generally increases as they near their melting point. The lecture focused on forming techniques and creep forming. The speaker explained all the basic concepts related to Creep, Creep Limit, and Creep Resistant Materials. He mainly focused on deformation of Steam Turbine Blades during working and their control methods.

### NON DESTRUCTIVE TESTING PRINCIPLES AND APPLICATIONS

A seminar was organized on “**Non Destructive Testing Principles and Applications**”, by Mr. M. V. B Krishnamraju Assoc. Professor of the department on 16 December, 2016. Students of III Year

mechanical engineering (B & D) section along with few faculty members attended the lecture. The NDT Level IV Expert **Mr. S. Santosh Kumar**, from Newton Inspection Services, L.B Nagar, Hyderabad delivered the lecture. The speaker mainly concentrated on basic types of non destructive principles and their practicing procedures along with case histories. The inspection techniques for aerospace components, power plant equipments and ropes used in rope ways are highly informative and interesting.



Seminar in Progress

## Departmental Events

### **TEACHER'S DAY CELEBRATIONS**

Students of III Year Mechanical Engineering celebrated Teacher's Day in memory of visionary teacher, Bharat Ratna Late Dr. Sarvepalli Radha Krishnan on 9 September, 2016. Faculty members Ms. Gayatri Vineela, Sr. Asst. Prof and Mr. M.V.B. Krishnamraju Asst. Prof of the department coordinated the activities. Prof. T. A. Janardhan Reddy, Professor and Head, Dr. M Venkata Ramana, Dr. Venkatesh Prasna, Dr. UmmaMeswara Reddy and Dr. K. Shashidhar shared the dais.



Teachers Day Celebration

### **ENGINEER'S DAY CELEBRATIONS**

The department celebrated 'Engineer's Day' on 16 September, 2016. It was organized by P. Lava Kumar, Asst. Prof. Faculty and students participated in it. Head of the Department, professors, teaching faculty and students of III year attended for the function. On this occasion, various events like Quiz, Poster Presentation and JAM were conducted. Winners of these events received their prizes.

### **INAUGURATION OF STUDENT ASSOCIATION**

Mechanical Engineering Student Association MEKNOVATES was inaugurated by **Mr. Shujayat Khan**, Principal Director, Central Institute of Tool design CITD, Balanagar Hyderabad on 22 September, 2016 at CVR College of Engineering. Principal Dr. K. S. Nayanatara, HOD of CSE Dept, Prof. Siva Reddy, Prof. T. A. Janardhan Reddy and Professor and Head Dr. M. Venkata Ramana addressed the gathering. Faculty coordinators Ms. Vineela Gayatri, Mr. M Krishnamraju & Mr. V. Rahul coordinated with the students in organizing the event .



Inaugural of Students Association

### Development of Lab:

The Department of Mechanical engineering procured Mitutoyo make 3-wire set code: 313 series, at a cost of Rs. 1, 49,205/- .

### Students Achievements:

**Ms. G. Deepthi** IV year student secured the 2<sup>nd</sup> prize in the 1st GSKDI Invitational National Karate Championship-2016, at Kotla Vijaya Bhaskar Reddy Indoor Stadium, Hyderabad, held from 16-18 December, 2016.



**DEPARTMENT OF CIVIL ENGINEERING**  
**ERUDITION OF KNOWLEDGE**

**Publications in National / International Conferences / Journals**

1. **Mr. K. Vijay Kiran**, Asst. Prof of Civil Dept. published a paper on “**Analysis of Settlement at Different Depths of Granular Pile**”, in a three day national level Indian Geotechnical Conference on “**Geo-technology towards Global Standards at IIT Madras**”, Chennai, from 15 – 17 December, 2016.
2. **Mr. B. Ramanjaneyulu**, Asst. Prof of Civil Dept. published a paper on “**A Study To Co-Relate Field and Laboratory Test Results of c - x Soils**”, in a three day national level Indian Geotechnical Conference on “**Geo-Technology towards Global Standards at IIT Madras**”, Chennai, from 15 – 17 December, 2016.
3. **Mr. K. N. V Chandrasekhar**, Asst. Prof of Civil Dept. published a paper on “**Aqua Search – A New Metaheuristic Modified Firefly Algorithm for Topology Optimisation of Continuum Structures**”, in the journal of Offshore Structure and Technology Vol 3, No 3. in December, 2016.
4. **Dr. M.V. Seshagiri Rao**, Professor and Dean of Civil Dept. published a paper on “**Studies of Rheology, Strength and Cementing Efficiency of High Strength Grade Quarternary Blended Self-Compacting Concrete Incorporating High Reactivity Metakaolin**”, in the CVR Journal of Science and Technology, Volume 11, in December 2016.
5. **Dr. T. Muralidhara Rao**, Professor and Head of Civil Dept. published a paper on “**Need for Fracture Behavior based Designer Friendly Expressions for Fracture Energy and Minimum Flexural Reinforcement**”, in the CVR Journal of Science and Technology, Volume 11, in December 2016.
6. **Mr. P.V.V.S.S.R. Krishna** Asst. Prof of Civil Dept. and **Mr. Sreenath Mahankali**, M. Tech. student of Civil Dept. published a paper on “**Investigation on Effects of Nonlinear Static Procedures on the High Rise Buildings**”, in the CVR Journal of Science and Technology, Volume 11, December 2016.
7. **Dr. T. Muralidhara Rao**, Professor and Head of Civil Dept. and **Ms. Manasa Koppoju**, M. Tech. student of Civil Dept. published a paper on “**Fracture Parameters of Plain Concrete Beams using ANSYS**”, in the CVR Journal of Science and Technology, Volume 11, December 2016.

**Paper Presentation in National / International Conferences**

1. **Mr. K. N. V Chandrasekhar**, Asst. Prof of Civil Dept. presented and published a paper on “**Topology Optimisation of Continuum Structures using Firefly Algorithm**”, in the International Conference organized by IIT, Kharagpur under the auspices of Indian Society for Theoretical and Applied Mechanics ISTAM, from 11- 14 December, 2016.



2. **Ms. J. Sandhya Rani**, Asst. Prof of Civil Dept. presented a paper on **“Seismic Response Reduction of High Rise Buildings Using Various Energy Dissipation Devices”**, in the National Conference on **“Sustainable Materials and Management Systems in Civil Engineering”** at CBIT, Hyderabad, from 15-16 December, 2016.

### Participation in National / International / Conferences / Seminars /Workshops

1. **Mr. M. R. Rajagopal**, Assoc. Prof of Civil Dept. participated in a six day workshop on **“Data Science and Big Data Analytics”**, conducted in collaboration with Electronics and ICT Academy, NIT, Warangal, at CVR College of Engineering, Hyderabad from 19 – 24 August, 2016.
2. **Mr. M. Vamsi**, Asst. Prof of Civil Dept. participated in a five day short-term course on **“Low-Volume Roads”**, at NIT, Warangal, from 26 – 30 September, 2016.
3. **Ms. G. N. S. Neharika Rao, Mr. K. Vijay Kiran, Mr. M. Ashok Kumar, and Mr. B. Ramanjaneyulu**, Asst. Profs of Civil Dept. participated in one day national workshop on **“Geo-Disaster - Ground and Slope Instability”**, at JNTU, Hyderabad, on 1 October, 2016.
4. **Ms. S. Jyothsna Reddy, Ms. G. Sharanya, Ms. J. Sandhya Rani and Mr. N. Ramanjaneyulu**, Asst. Profs of Civil Dept. participated in a two day national workshop on **“Computer Applications in Civil Engineering”**, at Vasavi College of Engineering, Hyderabad, from 21 – 22 October, 2016.
5. **Mr. K. Mahesh, Mr. G. Sai Anvesh, Ms. P. Divya and Mr. V. Venkataramana**, Asst. Profs of Civil Dept. participated in a two day workshop on **“Design, Construction, Evaluation and Maintenance of Cement Concrete Pavements”**, at Osmania University, Hyderabad, from 21 – 22 October, 2016.
6. **Ms. Sharmistha Masih**, Asst. Prof of Civil Dept. participated in a two day workshop on **“Good Concrete Construction Practices (GCCP 2016)”**, at University College of Engineering, Osmania University, Hyderabad, from 28 – 29 October, 2016.
7. **Mr. A. Vamsi Chaitanya**, Assoc. Prof of Civil Dept. participated in a three day national level conference on **“Transportation Planning & Implementation Methodologies for Developing Countries”**, conducted by the Civil Department, IIT Bombay, from 19 – 21 December, 2016.
8. **Mr. P. Yashwanth**, Assoc. Prof of Civil Dept. participated in an advanced training program in **“Green Buildings”**, at the Confederation of Indian Industry CII, Raidurg, Hyderabad, from 22 – 23 December, 2016.

### Industrial Visits:

#### **A VISIT TO NIRD, HYDERABAD**

A visit to the National Institute of Rural Development & Panchayat Raj, Rajendra Nagar, Hyderabad was organized for the III Year Civil Engineering Section-A students on 12 August, 2016 and for the Section-B students on 13 August, 2016. The National Institute of Rural Development (NIRD), an autonomous organization under the Union Ministry of Rural Development, is a premier national center of excellence in rural development.

Recognized internationally as one of the UN-ESCAP Centers of Excellence in HRD, it builds capacities of rural development functionaries, elected representatives, academicians and young students through inter-related activities of training, research and consultancy. The Institute is located in the serene rural surroundings of Rajendranagar about 15 km away from Hyderabad.



Students at NIRD Campus

The faculty members of the department who accompanied the students during the visit were: Mr. M.

Vamsi, Ms. G. Sharanya and Mr. V. Naveen on 12 August and Mr. M. Vamsi, Ms. J. Sandhya Rani, Mr. T. Manoj on 13<sup>th</sup> August respectively. The students and the faculty members had a good study of the infrastructure available for the training, research and consultancy in the area of rural development and employment. A useful insight was offered to the students into the career options available for those interested in working on the rural development programs. A day well spent by the students.

### Guest Lectures:

1. Civil Engineering Department conducted a Guest Lecture on “**Design of Foundations for Tall Buildings**”, for Civil Engineering students and the faculty. The guest lecture was delivered by **Dr. G. Neelima Satyam**, Asst. Professor of Civil Engineering, IIIT Hyderabad on 12 July, 2016.



Guest Lecture by Dr. Neelima Satyam

2. Civil Engineering Department conducted a guest lecture on “**Future Scope & Challenges of Transportation Engineering**”, for Civil Engineering students and the faculty. The guest lecture was delivered by **Dr. M. Kumar**, Professor of Civil Engineering, Osmania University, Hyderabad, on 21 September, 2016.



Guest Lecture by Dr. M. Kumar

## SOCIAL SERVICE EVENT AT ZPHS, POCHARAM VILLAGE

B. Tech IV year students of Civil Engineering conducted a couple of Social Service Outreach Events under the auspices of the Civil Engineering Association (CEA), PRATISHTHAN for two days on 28 & 29 September, 2016 at Zilla Parishad High School (ZPHS), Pocharam village, Ibrahimpatnam Mandal, R.R. District. The events conducted were Swachh Bharat program, a seminar on “**Impacts of Unhygienic Environment on Human Health**”, for the 9<sup>th</sup> and 10<sup>th</sup> class students and prize distribution for the meritorious students. Donations were voluntarily contributed by the students and staff of civil engineering department and the amount thus collected was used for carrying out planned events and also for purchasing prizes for the students. These events were well organized by the B. Tech Civil Engineering IV year students and faculty members. Dr.Muralidhara Rao, Head of the Department-Civil Engineering Dr. N. Narayana, Professor and Mr. K. Vijay Kiran, Assistant Profs, contributed to organizing the event and making it a grand success.



Awareness Session at ZPHS



Social Outreach at ZPHS

## DEPARTMENT OF HUMANITIES AND SCIENCE ERUDITION OF KNOWLEDGE

### Publications in National / International Conferences / Journals

1. **Mr. Konda Murali**, Asst. Prof of English, published a paper on “**Puerilism in the Novel Waiting for the Mahatma**”, in the CVR College Journal, in June, 2016.
2. **Dr. E. Uma Reddy**, Assoc. Prof of Mgt. Studies, published a research article on “**Fin-Tech Innovations: A Study on Recent Developments in E-Payment System in India**”, in an International Journal of Innovative Research and Practices, a Quarterly Journal of Dr. B. R Ambedkar University, Vol 4 No.3, July-September, 2016.
3. **Dr. Rafiuddin**, Assoc. Prof of Mathematics, published a paper on “**MHD Fluctuating Free Convective Dusty Flow of Variable Permeability**”, in Attidella Fondazione Giorgio Ronchi Journal, in August, 2016.
4. **Ms. Rohini. A**, Asst. Prof of Environmental Sciences, published a paper on, “**A Brief Overview on Conservation of Lakes in India**”, in the CVR Journal of Science and Technology, Volume 11, in December, 2016.



## Paper Presentation in National / International Conferences

1. **Dr. P. Vanishree Sah**, Assoc. Prof of Mgt. Studies, presented a paper on “**Indian Economy during the Era of Twenty Five Years of Reform**”, at the National Seminar on “**Performance of Iron and Steel Industry in India**” at Badruka College, Hyderabad jointly sponsored by UGC and TSCHE, on 18 – 19 November, 2016.
2. **Dr. P. Vanishree Sah**, Assoc. Prof of Mgt. Studies, presented a paper a paper on “**Managing Business in VUCA World**”, at an International Case Conference on “**Case Study on Marketing Strategies of MakeMyTrip**”, at ICBM-School of Business Excellence, which was organized jointly by International Institute of Marketing Professionals and AMDISA, a Management body of SAARC countries, on 17 December, 2016.

## Participation in National / International / Conferences / Seminars / Workshops

1. **Ms. P. Madhavi**, Asst. Prof. of English, participated in an International Conference on “**Content Based Instruction and Learning: Redefining the English Language Curriculum**”, conducted by Vasavi College of Engineering in collaboration with ELT@I from 30 June to 2 July, 2016.
2. **Mr. A. Venugopal**, Asst. Prof of Chemistry, participated in an International Conference on “**International Congress on Recent Advances in Chemistry and Chemical Engineering (ICRACACE-16)**”, organized by Department of Chemistry, JNTUH, from 11 – 13 July, 2016.
3. **Dr. M. Krishna Reddy**, Professor, **Mr. R. Goutham Goud**, **Mr. P. Sai Shankar**, **Ms. V. Swapna**, **Mr. P. Uma Shankar**, **Mr. Vittal**, and **Ms. A. Sailaja**, Asst. Profs of Statistics, participated in faculty development programme on “**Data Science and Big Data Analytics**”, organized by Electronics & ICT Academy, NIT Warangal and Department of CSE & Department of IT of CVR College of Engineering at CVR College Of Engineering from 19 – 24 August, 2016.
4. **Mr. Md Khadeer**, Asst. Prof of Chemistry, participated in a National Symposium on “**Recent Advances In Chemical and Material Sciences (RACMS-2016)**”, (RGUKT) at IIIT, Basar, from 20 – 21 August, 2016.
5. **Dr. P. Vanishree Sah**, Assoc. Prof and **Ms. Asifa Tazeem**, Asst. Prof of Mgt Studies, participated in a National Conference on “**Recent Trends In Managment and Social Science**”, at Osmania University, Hyderabad, on 26 & 27 August, 2016
6. **Dr. V. Seetha Rama Raju**, Assoc. Prof, **Mr. Sheik Ahammed** and **Mr. Subba Rao Rakkisa**, Asst. Profs of Physics, participated in a two day National Workshop on “**Materials Characterization Techniques**”, organized by Department of Physics, Osmania University from 28 – 29 September, 2016.
7. **Dr. K. Venkatesan**, and **Mr. P. Badraiah**, Asst. Profs of Chemistry, participated in an International Conference on “**Trend Setting Innovations in Chemical Sciences and Technology - Nature Inspired Chemistry and Engineering**”, (TSCST-NICE-2016), at JNTUH, from 4 – 6 October, 2016.



8. **Mr. Konda Murali**, and **Mr. Samuel C**, Asst. Profs of English, participated in a two day workshop on “**Cambridge Business English Certificate**”, organized by Cambridge English Language Assessment- University of Cambridge, at Keshav Memorial Institute of Technology, Narayanaguda, Hyderabad, from 7 – 8 October, 2016.
9. **Mr. P. V. S. H. Sastry**, Assoc. Prof and **Mr. N. Guruvaiah**, Asst. Prof in Mgt. Studies, participated in a three day workshop on “**Basic Econometrics**”, organized by the Department of Economics, Osmania University College of Arts & Social Sciences, Hyderabad, from 14 – 16 October, 2016.
10. **Dr. Rafiuddin**, Assoc. Prof of Mathematics and **Mr. V. Suryanarayana**, Asst. Prof of Physics, participated in a workshop on “**Secure Interoffice Communication**”, organized by CSE Department, CVR College of Engineering on 20 October, 2016.
11. **Ms. Alfuns Prathiba**, **Mr. G. Narender** and **Ms. V. V. L. Deepthi**, Asst. Profs of Mathematics, participated in a workshop on “**Applications of Numerical Methods in Science and Engineering**”, organized by the Departments of Mathematics and Mechanical, University College of Engineering, Osmania University, from 21 – 23 October, 2016.
12. **Ms. Asifa Tazeem**, Asst. Prof in Management Sciences, participated in a National Seminar on “**Indian Economy during the Era of 25 years of Reforms**”, at Badruka College, Hyderabad which was jointly sponsored by UGC and TSCHE, on 18 – 19 November, 2016.
13. **Mr. A. Hanumanth Reddy** and **Ms. P. Aruna**, Asst. Librarian, participated in one day seminar on “**eCONTENT 2016: Library Services and Management - A Platform Approach**”, organized by Informatics Publishing Limited, Bangalore, held at Hyderabad on 21 November, 2016.
14. **Mr. G. Mallikarjun Reddy**, Asst. Prof in Mathematics, participated in a three day International Conference on “**Mathematical sciences and Engineering Applications**”, organized by BITS, Vizag, from 23 – 25 December, 2016.
15. **Ms. Kalpana Bharathi Tuttagunta** and **Ms. Shabeena Banu**, Asst. Profs of English, participated in a two day National Seminar on “**Themes and Narratives of Postwar American Literature**”, organized by OUCIP-OU Hyderabad on 27 – 28 December, 2016.

#### Guest Lectures:

1. **Prof. K. Satyanarayana**, Professor of Mathematics, delivered a guest lecture on “**History of Pie**”, at Rajiv Gandhi University of Knowledge Technologies, Basar on 5 November, 2016.
2. **Prof. K. Satyanarayana**, Professor of Mathematics, delivered a guest lecture on “**Glimpses of Life and Works of Srinivasa Ramanujan**”, at Governement Degree College, Cherial, Siddipet, on 9 November, 2016.
3. **Prof. K. Satyanarayana**, Professor of Mathematics delivered a guest lecture on “**Fermat’s Last Theorem**” at Department of Mathematics, Osmania University on 16 November, 2016.

## Ph. D Awarded

1. **Dr. K.T. Padmapriya**, Asst. Prof in Environmental Sciences was awarded with PhD degree in Environmental Sciences by Osmania University on 31 October, 2016.

## Book Publications:

1. **Mr. Konda Murali**, Asst. Prof of English, published a novel, on “**Bitter-Sweet Juices**”, in Just Fiction Edition, Germany, in August, 2016.
2. **Mr. Konda Murali**, Asst. Prof of English, published a book on, “**A Book on English Literary Terms**”, in Lambert Academic Publishing, Germany, in October, 2016.
3. **Ms. Alfuns Prathiba**, Asst. Prof of Mathematics, published a text book on “**Differential Equations**”, printed by Rahul Publications-Hyderabad, first edition, in December, 2016.

## Non-Teaching Staff English Training Programme

English has become an integral part of professional life. To meet the challenges of the fast paced world, it is imperative for each individual to communicate in English, irrespective of the position she/he holds at the workplace. Taking this into consideration, CVR College of Engineering has been conducting training classes in English for its non-teaching staff, to make them effective communicators. These classes will enable them to improvise their listening, speaking, reading and writing (LSRW) skills which will in turn, empower them to perform error-free correspondence and maintain good interpersonal skills.

The classes are continuously being held thrice a week since June 2016. The following faculty from the department of English are involved in the training programme.

Dr. T. Hymavathi

Dr. Jaya Verma

Mr. Murali

Mr. Tirumala Rishi

Mr. Lawrence Raj

Mr. Samuel Christy

This far-sightedness and the pursuit of excellence, makes CVRCE stand apart from the other educational institutions.

## CVR Literary and Debate Club Activities:

**Competitions for the title “Word Warriors”:** “Word Warriors” was an event with five rounds of various competitions held on 28 July and 2 August, 2016. The five rounds were:

- JAM
- Spin a Yarn
- Alter EGO
- News Hour
- Power talk

After a rigorous process of filtering, 5 students were selected as the title winners “Word Warriors of CVR” and an amount of Rs.500 each was given as cash prize.

The word warriors were:

1. Sirisha Nookala, ECE-D, IV year
2. Mr.Chakrapani, Civil-B, II year
3. Mr.Uday.G., ECE-D, III year
4. Ms.Praharsha Civil-B, III Year
5. Ms.Lakshmi Purushotham, ECE-B, III year.

### Second Prize in ‘Performing Texts’ at Osmania University:

‘Literary and Debate Club’ members participated in the event “Performing Texts” at Osmania University and bagged the second prize. ‘Performing Texts’ is a UGC sponsored event organized by Osmania University. ‘Literary and Debate Club members of CVRCE performed “Three Days To See”, written by Helen Keller from B. Tech First year English text book ‘Epitome of Wisdom’ on the stage. There was a huge applause and appreciation for the performance and the skit received the second prize from the Registrar of Osmania University, Prof. E. Suresh Kumar.

The participants are:

1. Ancy Thomas, Civil-B, IV year
2. Manisha Venkapally, CSE-B, III year
3. Divya Reddy, Civil-A, III year
4. Siddarth Mashetty, Civil-B, III year
5. Rahul Konda, Mechanical-B, III year
6. Jawahar Madugula, CSE-B, III year
7. Spandana Reddy, IT-B, III year
8. Sanjay Basuthkar, Civil-B, III year

### Club Activities

1. School of Engineering of Nalla Narasimha Reddy Education Society’s Group of Institutions (Integrated Campus) in collaboration with ELT@I Hyderabad Chapter hosted the Finals of Inter-Collegiate Literary Competitions, celebrating 400 years of William Shakespeare on 3 October, 2016. CVR College of Engineering participated in Essay Writing, Elocution, Creative Writing, Play Reading and Skit. The college bagged prizes in the following competitions: Skit (first prize), Elocution (First prize), Essay writing (first prize) and the Best College Prize.



Best College Prize



CVRCE Bags First Prize for Skit

2. Students of Civil and EEE students participated in the Movie Making competition in Vignan Bharathi Institute of Technology on 27th September, 2016 in IEEE fest. The students won the first prize in the competition.



Prize for Best Short Film

### LIST OF EXAM TOPPERS 2015-16

#### Results of B. Tech I Year II Sem (15 Batch) Main Exams held in July, 2016 Academic Year 2015-2016

##### BRANCH - ECE

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	15B81A0444	CHAKKA HEMA SREE	1	10.00
2	15B81A04G9	DANDE SHIVA KUMAR	1	10.00
3	15B81A04N8	PULUKKU VEETIL TARUN	1	10.00
4	15B81A0460	MAHATI BASAVARAJU	2	10.00
5	15B81A0408	AISHWARYA	3	10.00

##### BRANCH - EEE

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	15B81A02A3	PASUPULETI SRI RAM	1	10.00
2	15B81A0297	POTLAPALLY SHIVA KUMAR REDDY	2	10.00
3	15B81A02C0	THOTA YASHWANTH VENKAT SAI	3	10.00

##### BRANCH - EIE

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	15B81A1019	DEVULAPALLY MOURYA	1	9.88
2	15B81A1042	PARSA SAI PRASAD	2	9.79
3	15B81A1049	MANDE SOUJANYA SREE	2	9.75
4	15B81A1014	VELURI KAVERI REDDY	3	9.67



**BRANCH - CSE**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	15B81A0549	RANGAVAJJALA DURGA PRASAD	1	10.00
2	15B81A05G7	ADUWALA SAI ASHRITH	2	10.00
3	15B81A05D4	VANKAMAMIDI PRASHANTI	3	10.00

**BRANCH - IT**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	15B81A1295	VANDANAPU SOWMYA	1	10.00
2	15B81A1288	KONDA SHASHANKA	2	10.00
3	15B81A12B2	MUNUKUTLA V S S V PRAZNA	3	10.00

**BRANCH - MECH**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	15B81A0329	PEDDI ASHISH	1	10.00
2	15B81A03M3	NALLAGONDA UTTEJ KUMAR	2	10.00
3	15B81A03N2	EMANI VARSHITH SHANKAR	3	10.00

**BRANCH - CIVIL**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	15B81A0112	ASHISH KUMAR TIWARI	1	10.00
2	15B81A0145	GADE NAGAMANI	2	9.88
3	15B81A0159	MANGU RAHUL BHARADWAJ	3	9.88

**Results of B. Tech I Year I Sem (16 Batch) Main Exams held in December, 2016  
Academic Year 2016-2017**

**BRANCH - ECE**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	16B81A04J9	GUDIMALLA SIREESHA	1	10.00
2	16B81A0493	GADDE NARMADA	2	10.00
3	16B81A0453	BADDAM HARINI	3	10.00

**BRANCH - EEE**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	16B81A0273	KANKANTI RUCHITHA REDDY	1	9.83
2	16B81A02B0	KONDAGUDURU UDAY KUMAR	2	10.00
3	16B81A0244	BANDHAM NAGAMANI	3	9.79

**BRANCH - EIE**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	16B81A1013	KRITHI REDDY S	1	10.00
2	16B81A1057	K VENKATA NAVEEN	2	10.00
3	16B81A1023	PALADUGU NANDANA	3	9.88

**BRANCH - CSE**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	16B81A0576	GUBBA JAYDEEP	1	10.00
2	16B81A0521	ANISHA SHANKAR BALIGIDAD	2	10.00
3	16B81A05M4	M SAMHITHA	3	10.00
4	16B81A05P8	TUNIKI SNEHALATHA	3	10.00

**BRANCH - IT**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	16B81A1268	PAIDI SAHITH	1	9.92
2	16B81A1263	KOTNAKAL RISHAB DESAI	2	9.88
3	16B81A1237	MAREMANDA LIKHITHA	3	10.00

**BRANCH - MECH**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	16B81A03D7	GANTLA SABITHA	1	10.00
2	16B81A03G3	DUMBALA SANAT BABU REDDY	2	9.88
3	16B81A03F8	MEKAM SAI VIKAS	3	9.71

**BRANCH - CIVIL**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	16B81A0136	YAMMANURU LAKSHMI SRAVYA	1	9.92
2	16B81A01B8	YASHASWI MAHAVADI	2	9.54
3	16B81A0105	ANIL KUMAR M	3	9.71

**Results of B. Tech II Year I Sem (15 Batch) Main Exams held in December, 2016  
Academic Year 2016-2017**

**BRANCH - ECE**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	15B81A0444	CHAKKA HEMA SREE	1	9.88
2	15B81A0484	MALLEMALA NAVEEN KUMAR	2	10.00
3	15B81A0460	MAHATI BASAVARAJU	3	10.00

**BRANCH - EEE**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	15B81A02C0	THOTA YASHWANTH VENKAT SAI	1	10.00
2	15B81A02A3	PASUPELETI SRI RAM	2	10.00
3	15B81A0297	POTLAPALLY SHIVA KUMAR REDDY	3	9.96

**BRANCH - EIE**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	15B81A1042	PARSA SAI PRASAD	1	10.00
2	15B81A1057	ADLURI VENKATA SHIVARAMAKRISHNA	2	10.00
3	15B81A1049	MANDE SOUJANYA SREE	3	9.75

**BRANCH - CSE**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	15B81A05V2	VIVEK PAREEK	1	10.00
2	15B81A05H6	CH SAI NIHARIKA	2	10.00
3	15B81A05H3	AITHA SAI KRISHNA	3	10.00

**BRANCH - IT**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	15B81A1295	VANDANAPU SOWMYA	1	10.00
2	15B81A1288	KONDA SHASHANKA	2	10.00
3	15B81A1286	B SHANTANU	3	9.75

**BRANCH - MECH**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	15B81A0329	PEDDI ASHISH	1	10.00
2	15B81A03G8	L SANGEETHA	2	9.92
3	15B81A03B3	YALAMATI PRASHANTH	3	9.96



**BRANCH - CIVIL**

S. No	Hall ticket No	Name of the Candidate	RANK	SGPA
1	15B81A0112	ASHISH KUMAR TIWARI	1	10.00
2	15B81A0121	MODDU DEEPA	2	9.96
3	15B81A0149	KUCHANPALLY NOUMIKA	3	9.96

**Results of B. Tech III Year I Sem (14 Batch) Main Exams held in November, 2016  
Academic Year 2016-2017**

**BRANCH - ECE**

S. No	Hall ticket No	Name of the Candidate	TOTAL 800	AVG 100
1	14B81A0491	MADIRAJU NAGA VENKATA SRI SAI HARIKA	762	95.25
2	14B81A04B8	MAVURAM PRAVALLIKA	755	94.38
	14B81A04L9	GURAJALA TEJASHWINI	755	94.38
3	14B81A04B4	NAMANI PRANITHA	751	93.88

**BRANCH - EEE**

S. No	Hall ticket No	Name of the Candidate	TOTAL 800	AVG 100
1	14B81A02A8	YARAKARAJU UMATEJASWI	724	90.50
2	14B81A0221	KONDA KWINTY	723	90.38
3	14B81A02B5	BHUPATHI VIJENDHAR	718	89.75

**BRANCH - EIE**

S. No	Hall ticket No	Name of the Candidate	TOTAL 775	AVG 100
1	14B81A1037	MOVVA SHEETHAL CHOWDARY	725	93.55
2	14B81A1013	PERABHATHINI HARINI	722	93.16
3	14B81A1014	BOJANAPALLY HEMA SREE	708	91.35

**BRANCH - CSE**

S. No	Hall ticket No	Name of the Candidate	TOTAL 800	AVG 100
1	14B81A05Q2	SRAVANTHI P V	729	91.13
2	14B81A0510	PALPANUR AISHWARYA	718	89.75
3	14B81A05N7	VEERAMREDDY SHIRISHA	717	89.63

**BRANCH - IT**

S. No	Hall ticket No	Name of the Candidate	TOTAL 800	AVG 100
1	14B81A12A1	MARUVADA SRI KRISHNA CHAITANYA	708	88.50
2	14B81A12A3	KATAKAM SRI MAHIJA	688	86.00
3	14B81A1254	V POOJA	686	85.75

**BRANCH - MECH**

S. No	Hall ticket No	Name of the Candidate	TOTAL 800	AVG 100
1	14B81A03L3	SUJEETH KINI S	735	91.88
2	14B81A03N6	JADDU VENKATA NAGA SAI RAHUL	718	89.75
3	14B81A03P5	SUDHATI VINEETH RAO	716	89.50

**BRANCH - CIVIL**

S. No	Hall ticket No	Name of the Candidate	TOTAL 800	AVG 100
1	14B81A0112	BALURI ARCHITH REDDY	715	89.38
2	14B81A0131	LAKSHMI MEGHANA SRIKAKULAM	709	88.63
3	14B81A0192	PALLA SOWMYA	708	88.50

**Results of B. Tech IV Year I Sem (2013 Batch) Main Exams held in November, 2017  
Academic Year 2016-2017**

**BRANCH - ECE**

S. No	Hall ticket No	Name of the Candidate	TOTAL 800	AVG 100
1	13B81A0499	VANAM NIKHITHA	736	92.00
2	13B81A0431	MALLELA CHAITANYA SAI	711	88.88
3	13B81A04A2	YEARADLA NIKITHA	707	88.38

**BRANCH - EEE**

S. No	Hall ticket No	Name of the Candidate	TOTAL 775	AVG 100
1	13B81A0219	GANGULA DILIP REDDY	744	96.00
2	13B81A0229	KADAPANA HYNDAVI REDDY	711	91.74
3	13B81A0269	KATAKAM RAKESH KRISHNA	709	91.48

**BRANCH - EIE**

S. No	Hall ticket No	Name of the Candidate	TOTAL 800	AVG 100
1	13B81A1004	KANDURI AKHIL TEJA	686	85.75
2	13B81A1015	EDUPUGANTI HIMA SRI	682	85.25
3	13B81A1020	HAKEEM MAHESH BABU	680	85.00

**BRANCH - CSE**

S. No	Hall ticket No	Name of the Candidate	TOTAL 800	AVG 100
1	13B81A05J9	ABBURI SRAVYA SRI	720	90.00
2	13B81A05G6	PENUMARTHI SARATH CHANDRA	713	89.13
3	13B81A05F1	AKKIRAJU SAI SARAN	707	88.38

**BRANCH - IT**

S. No	Hall ticket No	Name of the Candidate	TOTAL 800	AVG 100
1	13B81A1232	MEREDDY HARSHITHA	732	91.50
2	13B81A1203	G AISHWARYA	724	90.50
3	13B81A1218	ASHUTHOSH HEDA	720	90.00

**BRANCH - MECH**

S. No	Hall ticket No	Name of the Candidate	TOTAL 800	AVG 100
1	13B81A0341	BAYYANA MANOHAR SAI KIRAN	748	93.50
2	13B81A0323	GUDIMALLA DIVYA	742	92.75
3	13B81A0393	MUNCHETI SREYA	738	92.25

### BRANCH - CIVIL

S. No	Hall ticket No	Name of the Candidate	TOTAL 800	AVG 100
1	13B81A0155	MUNUGALA PRAGATHI	761	95.13
2	13B81A0122	CHANDIKA DIVYA SRI	759	94.88
3	13B81A0105	KORRA AHKILA	752	94.00

### PLACEMENT ROUND UP

After having stellar record setting years for the 2014, 2015 and 2016 batches, the college is creating history once again on the placement front for the 2017 batch. With higher than last year placements, it is an all time high for the college and is among the highest in the peer group of colleges. It is not just in terms of number of placements and number of companies but also with record pay packages. Few Placements to name are

S. No	Name of the Company	No. of Selects	Salary
1	AMAZON	6	16 Lacs
2	Yodlee	2	5.70 Lacs
3	Virtusapolaris	25	3.36 Lacs
4	TCS	32	3.50 Lacs
5	Tech Mahindra	127	3.25 Lacs
6	Capgemini	106	3.50 Lacs
7	HP Enterprise	119	4.10 Lacs

And many more .....

#### Recent Achievements

- CVR stood No. 1 in India with 98 teams (196 students) clearing TCS Codevita competition.
- Highest no of selects in AMAZON across 2 states Telangana and Andhra with Salary of 16 Lacs







