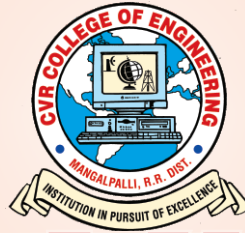


# CVR COLLEGE OF ENGINEERING

*(An Autonomous Institution)*



*In Pursuit of Excellence....*

# Aegle Vista '12 '12

Vol. 12

July - December 2012

Issue. 2

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*Education is a continuing process from  
the minute we are born until we die.*

*- Indira Gandhi*





## EDITORIAL MESSAGE

Welcome to the CVRCE Newsletter Aegle Vista Volume 12, Issue 2. This edition elucidates the activities and accomplishments of the college from July to December, 2012. This period has proved to be enlightening and encouraging with successful administration of autonomous status and a fruitful visit from NBA team. The Autonomous stature enabled the curriculum enrichment with the support from University panel and board of studies members, for the benefit of the students. The college has been strengthening its infrastructure and resources to meet the global demands. The Chairman's vision has made the college one of the most sought after in the twin cities and across Andhra Pradesh.

The college had a bonhomie experience in Fresher's day with the arrival of large strength of students due to increase in sections in CSE and ECE stream. The fresh batch of students brought new zeal and expectations and their arrival has encouraged more faculty resources there by strengthening the existing human resources. The infrastructural resources too have taken a great leap to meet the global demands in the arena of technology in every stream of B. Tech.

The college has modified and enhanced its syllabus structure to equip students to meet the global demands and empower them in their respective fields. The English and Communication syllabus has incorporated contemporary topics spread over three years of B. Tech. streams to enhance students' language skills and also to develop a holistic personality.

The Chairman's emphasis on employability skills has enabled employability training and the placement cell is in full progress on capturing good placements in top notch companies even with the present slow pace in the job market.

The college has enriched its research work with the college bagging five DRDL projects fully funded by the DRDO to the tune of Rs. 45 Lakhs. The students are involved in real time projects thus enriching their innovative skills. The college is endeavoring for excellence in every facet enlivening its motto i.e. "Pursuit for Excellence".

The editorial team solicits your valuable suggestions and wishes everyone a successful year.

"Happy Reading!"

## NATIONAL BOARD OF ACCREDITATION INSPECTION

The National Board of Accreditation conducted a fruitful inspection of the CVR College of Engineering from 13<sup>th</sup>-15<sup>th</sup> July 2012. The following branches of Engineering were accredited after the inspection.

1. Electronics and Communication Engineering
2. Electrical and Electronics Engineering
3. Electronics and Instrumentation Engineering
4. Computer Science Engineering
5. Information Technology.

### NEW RECRUITMENTS

The faculty members who joined CVRCE between July and December 2012 are:

S. No	Name	Designation	D.O.J	Dept
1.	Mr. Ravinder Beemagani	Asst. Prof	01-06-12	ECE
2.	Ms. A. Malleswari	Asst. Prof	01-06-12	ECE
3.	Mr. Lokeshwara Rao	Asst. Prof	01-06-12	EEE
4.	Mr. G. Janardhan	Asst. Prof	01-06-12	EEE
5.	Mr. K. Suman	Asst. Prof	01-06-12	EEE
6.	Ms. M. Rajasree	Asst. Prof	01-06-12	EEE
7.	Mr. Balaji Gupta T.	Asst. Prof	01-06-12	Mech.
8.	Ms. S. Sandeepa	Asst. Prof	01-06-12	Mech.
9.	Ms. A. Usha Sree	Asst. Prof	01-06-12	EIE
10.	Mr. Ramanjaneyulu	Asst. Prof	01-06-12	Civil
11.	Mr. Mallikarjun Reddy	Asst. Prof	02-06-12	H & S
12.	Ms. K. Venkata Laxmi	Asst. Prof	04-06-12	ECE
13.	P. Sampurna Lakshmi	Asst. Prof	04-06-12	EIE
14.	Mr. M. C. Raju	Asst. Prof	06-06-12	ECE
15.	Mr. L. Manjunath	Asst. Prof	06-06-12	ECE
16.	Mr. J. Praveen Kumar Reddy	Asst. Prof	06-06-12	EEE
17.	Mr. C. Upender Reddy	Asst. Prof	11-06-12	EEE
18.	Ms. M. Rajitha	Asst. Prof	11-06-12	EEE
19.	Ms. G. Mrudula	Asst. Prof	13-06-12	Mech.
20.	Mr. Rajendra Prasad	Asst. Prof	15-06-12	Civil
21.	Mr. P. Narasimha Raju	Asst. Prof	15-06-12	(H&S)

22.	Ms. Bhanu Rekha	Asst. Prof	15-06-12	(H&S)
23.	Ms. P. Shilpa	Asst. Prof	18-06-12	ECE
24.	Ms. G. Deepa	Asst. Prof	21-06-12	EIE
25.	Mr. S. Rakesh	Asst. Prof	28-06-12	Mech.
26.	Ms. G. Manatha	Asst. Prof	30-06-12	ECE
27.	Dr. Y. Laxmi Prapurna	Asst. Prof	02-07-12	H&S
28.	Mr. D. Krishna Murthy Dora	Asst. Prof	05-07-12	Mech.
29.	Ms. K. Aparna	Asst. Prof	11-07-12	Mech.
30.	Mr. K. K. Malhari	Asst. Prof	11-07-12	H&S
31.	Ms. Bhargavi P	Asst. Prof	12-07-12	Mech.
32.	Ms. B. Haritha	Asst. Prof	17-07-12	Mech.
33.	Mr. T. Dinesh Kumar	Asst. Prof	19-07-12	Mech.
34.	Mr. P. Lava Kumar	Asst. Prof	21-07-12	Mech.
35.	Dr. B. Naga Laxmi	Asst. Prof	14-09-12	H&S
36.	Mr. Umesh Kumar	Asst. Prof	01-10-12	H&S
37.	Ms. G. Swetha	Asst. Prof	09-11-12	CSE
38.	Ms. K. Bhagya Laxmi	Asst. Prof	09-11-12	CSE
39.	Mr. V. Krishnaiah	Asst. Prof	14-11-12	CSE
40.	Ms. P. Smitha	Asst. Prof	19-11-12	H&S
41.	Ms. P. Meenakshi	Asst. Prof	03-12-12	H&S

## PROMOTIONS

**Mr. Karar Hussain**, Sr. Asst. Prof, ECE Dept has been promoted as Assoc. Prof on 1-7-2012.

## SEMINAR ON LATEST PARAMETERS OF ACCREDITATION

CVR College of Engineering invited **Dr. PNarsimha Reddy**, Executive Director, SNIST, for a one day Seminar on the “**Latest Parameters of Accreditation**”, on 17<sup>th</sup> November, 2012. The seminar was attended by all the dignitaries and the teaching fraternity and proved to be very valuable as the new accreditation process will be based on the latest parameters. The Advisor of CVRCE, Prof C. Madhusudana Reddy, Professor of Management Sciences thanked Dr. P. Narsihma Reddy and expressed his gratitude for this productive seminar.

## INDUCTION PROGRAMME

A two day Induction Programme for B. Tech first year students was organized by CVR College of Engineering. The programme was conducted on 21<sup>st</sup> September, 2012 for CSE, IT, Mech. and Civil branches, and on 22<sup>nd</sup> September, 2012 for EEE, ECE and EIE branches. The Induction Programme was presided over by the Chairman of the college, **Dr. C. V. Raghava**, along with the Director, **Dr. K. Rama Sastri**, Principal, **Dr. A. D. Rajkumar** and all the Heads of the departments. The programme was also attended by Professors, Teaching Faculty and Non Teaching Staff of the college.

The objective of the Induction Programme was to offer an overview of the structure of the four year B. Tech course. This programme helped the new students and their families understand the mission of the institution **“In Pursuit of Excellence”**. The dignitaries in their inspiring speeches, advised the students to grab opportunities which the college provides them. Students were also reminded of their responsibilities and their role in nation building. **Dr. Raghava** focused on the requirements of the corporate sector; need for students to be updated about current affairs along with their subject knowledge. He also familiarized the students with the challenges of the corporate sector.

Towards the end of the Induction Programme the dignitaries gave valuable suggestions to the curious minds of new entrants and wished them a successful journey of four years in CVR College of Engineering.

## FRESHERS DAY

CVR College of Engineering celebrated its Fresher’s Day on the 20th October, 2012. The fresher’s day is a much awaited event in all Undergraduate colleges as it is a day that marks the beginning of a warm interaction between the freshers and the seniors in the college. It is an event that provides a friendly interface between the nervous freshers and the jubilant seniors.

The event was formally thrown open by Dr. Cherabuddi Venkat Raghava, Chariman, CVRCE and Dr. A. D. Raj Kumar, 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. He reminded the student community of the challenges that awaited them in the real time world, outside the portals of the college and the need for them to be well equipped to meet those challenges. 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.

The pageant put up by the seniors for the freshers consisted of songs, dances, skits, gags and mimicry shows. The seniors went all out to impress the juniors with their talented performances, rehearsed and showcased with great care and affection. The seniors also hosted the very prestigious Mr. and Ms. Fresher Contest for the juniors. The freshers participated in



*Mr. Fresher - Nikhil Devnani*



*Ms. Fresher - G. S. Nagasoumya*

the contest with great enthusiasm and gusto. Mr.Nikhil Devnani of class IT A was crowned Mr. Fresher while Ms.G. S. Nagasoumya of class CSE B was crowned the Ms. Fresher for 2012-13. The day was marked by great festivity and gaiety and ended with the freshers asking for more.

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

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

1. **Ms. T. Esther Rani**, Assoc. Prof of ECE Dept. published a paper on **“Low Power High Performance Baud Rate Generator using MTCMOS Voltage Interface Circuits”**, in the International Journal of Engineering Research and Applications Proceedings, Vol. 2, Issue- 4, in July-August, 2012.
2. **Ms. A. Malleswari**, Asst. Prof of ECE Dept. published a paper on **“A Robust Water Marking Scheme In Direct Sequence CDMA Based On Orthogonal Pseudo Noise Sequence”**, in the IJERA, Vol. 2, Issue-4, in July-August, 2012.
3. **Ms. Humaira Nishat**, Assoc. Prof of ECE Dept. published a paper on **“Energy Efficient Dynamic Route Discovery Protocol for Mobile Ad-Hoc Networks”**, in the International Journal of Computer Applications (0975-8857), Vol. 56, No.7, in October, 2012.
4. **Ms. Humaira Nishat**, Assoc. Prof of ECE Dept. published a paper on **“A New Dynamic Route Discovery Mechanism for Mobile Ad-Hoc Network”**, in the International Journal of Computer Applications and Information Technology (2278-7720), Vol. 1, Issue 3, in November, 2012.
5. **Dr. S. Venkatachalam**, Prof of ECE Dept. published a paper on **“Evolutionary ANN Learning Algorithm on Benchmark and Real Time Dataset Classification Problems”**, in the International Research Publication House, ISSN 0976-5832 Vol. 3, Number 1(2012), in September, 2012.
6. **Ms. A. Bharathi**, Assoc. Prof of ECE Dept. published a paper on **“A Polarization Reconfigurable Microstrip Antenna”**, in an International Conference on Navigation and Communication NAVCOM-2012 on 20<sup>th</sup> and 21<sup>st</sup> December, 2012.
7. **Ms. A. Bharathi**, Assoc. Prof of ECE Dept. published a paper on **“Polarization Agile Microstrip Antenna for Wireless Communications”**, in an International Conference INDICON 2012, held at Cochin, Kerala, in December, 2012.

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

1. **Ms. Humaira Nishat**, Assoc. Prof of ECE Dept. presented a paper on **“A Source –Oriented Energy Efficient Dynamic Route Discovery Mechanism for Mobile Ad-hoc Network”**, in an International Conference on Recent Trends in Information Technology and Computer Science in Mumbai, on 17<sup>th</sup> and 18<sup>th</sup> December, 2012.

## Faculty Participation in Developmental Programmes at other Institutions

1. **Ms. T. Padmavati**, Sr. Asst. Prof of ECE Dept. participated in a one day Seminar on “**MATLAB and Simulink for Engineering Education**”, held at The Park Hotel, Trillion Ballroom, Hyderabad, on 31<sup>st</sup> August, 2012.
2. **Ms. Humaira Nishat**, Assoc. Prof of ECE Dept. participated in a one day Seminar on “**MATLAB and Simulink for Engineering Education**”, held at The Park Hotel, Trillion Ballroom, Hyderabad, on 31<sup>st</sup> August, 2012.
3. **Mr. Shakeel Ahmed**, Sr. Asst. Prof of ECE Dept participated in a one day Seminar on “**MATLAB and Simulink for Engineering Education**”, held at The Park Hotel, Trillion Ballroom, Hyderabad, on 31<sup>st</sup> August, 2012.
4. **Ms. Rinku. R. Dhruva**, Sr. Asst. Prof of ECE Dept. participated in a two day National Symposium on “**Heterogeneous Computing: Platforms, Tools and Applications**”, under TEQIP in collaboration with AMD held at Osmania University on 31<sup>st</sup> August and 1<sup>st</sup> September, 2012.
5. **Mr. K. Bapayya**, Asst. Prof of ECE Dept. participated in a two day National Symposium on “**Heterogeneous Computing: Platforms, Tools and Applications**”, under TEQUIP in collaboration with AMD held at Osmania University on 31<sup>st</sup> August and 1<sup>st</sup> September, 2012.
6. **Ms. A. Anitha**, Asst. Prof of ECE Dept. participated in a three day National Level Faculty Development Programme on “**ECAD & VLSI Design**”, held at MGIT, Hyderabad from 6<sup>th</sup> - 8<sup>th</sup> September, 2012.
7. **Ms. A. Malleswari**, Asst. Prof of ECE Dept. participated in a three day National Level Faculty Development Programme on “**ECAD & VLSI Design**”, held at MGIT, Hyderabad from 6<sup>th</sup> - 8<sup>th</sup> September, 2012.
8. **Mr. R. Prakash Kumar**, Asst. Professor of ECE Dept participated in A Two Day National Level Workshop on “**Matlab Applications**”, held at GITAM University, Hyderabad on 21<sup>st</sup> and 22<sup>nd</sup> September, 2012.
9. **Mr. B. Janardhana Rao**, Asst Prof of ECE Dept. participated in a two day National Level Workshop on “**Matlab Applications**”, held at GITAM University, Hyderabad on 21<sup>st</sup> and 22<sup>nd</sup> September, 2012.
10. **Mr. L. Manjunath** , Asst. Prof of ECE Dept. participated in a two day National Level Workshop on “**Analog and Digital CMOS Design Flow using Mentor Graphics EDA Tools Training Programme**”, held at G. Pulla Reddy Engineering College, Kurnool on 28<sup>th</sup> and 29<sup>th</sup> November, 2012.
11. **Ms. P. Kavitha**, Sr. Asst. Prof of ECE Dept. participated in a two day Seminar on “**ELECTRONICA-2012**”, at Jagruthi Institute of Engineering and Technology on 21<sup>st</sup> and 22<sup>nd</sup> December, 2012.
12. **Ms. A. Bharathi**, Assoc. Prof of ECE Dept. participated in a two day Seminar on “**ELECTRONICA-2012**”, at Jagruthi Institute of Engineering and Technology on 21<sup>st</sup> and 22<sup>nd</sup> December, 2012.
13. **Mr. M. C. Raju**, Assoc. Prof of ECE Dept. participated in a two day National Level Conference on “**Computing Communication and Instrumentation**”, held at GITAM University, Hyderabad on 21<sup>st</sup> and 22<sup>nd</sup> December, 2012.



## Member of Governing Council, IETE

**Dr. K. S. Nayanathara**, Head of ECE Dept. was elected as a member of Governing Council of IETE (Institution of Electronics and Telecommunication Engineers), New Delhi.

## Research Guidance by Dr. S. Venkatachalam

- Mr. K. Suresh Reddy** has obtained his Ph. D degree from JNTUH on the topic “**Non Parametric Power Spectrum Estimation Methods for Non-Uniform Data Sequences**”, under the guidance of Dr. S. Venkatachalam, in July, 2012.
- Mr. S. P. V. Subba Rao** has submitted his thesis to JNTUH, titled “**A Dynamic MAC Protocol for WCDMA Wireless Multimedia Networks**”, under the guidance Dr. S. Venkata Chalam, in August, 2012.

## Guest Lectures

- Ms. A. Bharathi**, Assoc. Prof of ECE Dept. delivered a Guest Lecture on “**Overview of Micro strip Antenna**”, at ELECTRONICA-2012 at Jagruthi Institute of Engineering and Technology on 21<sup>st</sup> and 22<sup>nd</sup> December, 2012.

### List of Faculty Members who have registered in the Ph. D Programme

S. No	Name	Designation	Department	Month / Year
1.	Mr. S. Sreekanth	Asst. Prof	ECE	Nov, 2012
2.	Mrs. Dhruva R.Rinku	Sr. Asst. Prof	ECE	Nov, 2012
3.	Mrs. K. A. Jyotsna	Sr. Asst. Prof	ECE	Nov, 2012
4.	Ms. P. Kalyani	Asst. Prof	ECE	Nov, 2012

### Students Participation in Seminars / Conferences

S. No	Name of the Student	Dept	Title of the Paper	National / International / Journal / Conference	Venue	Date / Year of Publication
1.	K. Vijaya Padmini	ECE	Paper Battery	TECHNOZION	NIT, Warangal	28th to 30th Sept, 2012
2.	Reshma Begum	ECE	Paper Battery	TECHNOZION	NIT,	28th to 30th Sept, 2012 Warangal
3.	A.Swathi	ECE	Paper Battery	TECHNOZION	NIT, Warangal	28th to 30th Sept, 2012

## WORKSHOP ON MATLAB

13<sup>th</sup> - 15<sup>th</sup> December, 2012

A Three day Workshop on “MATLAB” was conducted by the Department of ECE, CVR College of Engineering from 13<sup>th</sup> to 15<sup>th</sup> December, 2012. The main objective was to train the members of faculty of ECE to use MATLAB in the areas of Digital Signal Processing and Communication and also to those of EEE and EIE in the areas of Control Systems.

The Organizing Committee was headed by Dr. Nayanathara, HOD along with Ms. G. Mamatha, Assoc. Prof as the convener. Mr. B. Janardhan Rao, Asst. Prof, was the coordinator of the workshop. Mr. Amruth Raj and Mr. B. Nagabhushan, Academic Assistants, helped to organize the workshop successfully. Dr. Cyril Prasanna Raj, Director of Aaron Research Labs, Bangalore along with Mr. Seetha Ram Gupta of MSRSAS, Bangalore and Mr. Sundaramurthy conducted the workshop.

The workshop was attended by 58 participants. The inaugural function was held on 13-12-2012. Dr. K. S. Nayanathara, HOD, welcomed the gathering. Ms. G. Mamatha, Convener, introduced the team. Dr. Cyril Prasanna Raj spoke about the usefulness of the software tool in the areas of research and academics. Dr. A. D. Rajkumar, Principal, addressed the participants.

The valedictory function was held on 15-12-2012. Prof P. Gurunadha Rao, distributed the certificates and Ms. G. Mamatha proposed vote of thanks.

“All that we are is the result of what we have thought. The mind is everything. What we think we become.” - Gautham Buddha



*Dr. Cyril Prasanna Raj addressing the Participants*



*The Participants in the workshop*

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ERUDITION OF KNOWLEDGE

### Publications in National / International Conferences / Journals

1. **Mr. Ch. Sunil Kumar**, Assoc. Prof of EEE Dept. published and presented a paper on **“Transaction Based Transmission Loading Relief of AP State Grid”**, in an International Conference on Recent Trends in Electrical and Electronics Engineering, organized by Krishi Sanskriti at Jawaharlal Nehru University (JNU), Delhi from 29<sup>th</sup> – 30<sup>th</sup> September, 2012.
2. **Dr. Sasikala**, Professor of EEE Dept. published a paper on **“An Over View Of Dynamic Voltage Restorer for Voltage Profile Improvement”**, in an International Journal of Engineering and Advanced Technology Vol.2, Issue.2. in December, 2012.

### Paper Presentation in National / International Conferences

1. **Mr. K. Suman**, Asst. Prof of EEE Dept. presented a paper titled **“Direct Torque Controlled Induction Motor Using Advanced PWM Techniques”**, in an International Conference on Recent Trends in Electrical and Electronics Engineering 2012 organized by Jawaharlal Nehru University (JNU), Delhi from 29<sup>th</sup> -30<sup>th</sup> September, 2012.
2. **Dr. M. Sasikala**, Professor of EEE Dept. presented a paper titled **“Studies on Dc Conductivity and LPG Sensing Behaviour of PANI/CCO2 Composites”**, in an International Conference on Recent Advances in Material Science (RAMS-2012) organized by Karnataka State Higher Education Council at Bangalore from 6<sup>th</sup>– 8<sup>th</sup> November, 2012.
3. **Mr. K. Suman**, Asst. Prof of EEE Dept. presented a paper titled **“Direct Torque Controlled Induction Motor with Space Vector Modulation Fed with a Three-Level Inverter”**, in IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES-2012) conducted by CPRI-Bangalore, from 16<sup>th</sup>-19<sup>th</sup> December, 2012.

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

1. **Ms. E. Hima Bindu**, Asst. Prof of EEE Dept. participated in a two-day workshop on “**Matlab Applications**”, organized by GITAM UNIVERSITY, Hyderabad on 21<sup>st</sup> and 22<sup>nd</sup> September, 2012.
2. **Ms. G. SreeLakshmi**, Assoc. Prof of EEE Dept. participated in a three day workshop on “**MATLAB**” organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.
3. **Mr. G. Manohar**, Assoc. Prof of EEE Dept. participated in a three day workshop on “**MATLAB**”, organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.
4. **Mr. Ch. Sunil Kumar**, Assoc. Prof of EEE Dept. participated in a three day workshop on “**MATLAB**”, organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.
5. **Mr. B. Kalyan Chakravarthy**, Assoc. Prof of EEE Dept. participated in a three day workshop on “**MATLAB**”, organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.
6. **Ms. R. Naveena Bhargavi**, Assoc. Prof of EEE Dept. participated in a three day workshop on “**MATLAB**”, organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.
7. **Mr. Rajib Kumar Kar**, Sr. Asst. Prof of EEE Dept. participated in a three day workshop on “**MATLAB**”, organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.
8. **Mr. A. Naveen Kumar**, Asst. Prof of EEE Dept. participated in a three-day workshop on “**MATLAB**”, organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.
9. **Ms. Vimala Gupta**, Asst. Prof of EEE Dept. participated in a three-day workshop on “**MATLAB**”, organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.
10. **Mr. Vinodh Kumar**, Asst. Prof of EEE Dept. participated in a three-day workshop on “**MATLAB**”, organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.
11. **Ms. Y. SudhaRani**, Asst. Prof of EEE Dept. participated in a three-day workshop on “**MATLAB**”, organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.
12. **Ms. E. Hima Bindu**, Asst. Prof of EEE Dept. participated in a three-day workshop on “**MATLAB**”, organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.
13. **Mr. K. Lokeswar Rao**, Asst. Prof of EEE Dept. participated in a three-day workshop on “**MATLAB**”, organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.
14. **Mr. G. Janardhan**, Asst. Prof of EEE Dept. participated in a three-day workshop on “**MATLAB**”, organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.
15. **Mr. K. Suman**, Asst. Prof of EEE Dept. participated in a three-day workshop on “**MATLAB**”, organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.
16. **Ms. M. RajaSree**, Asst. Prof of EEE Dept. participated in a three-day workshop on “**MATLAB**”, organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.

17. **Mr. J. Praveen Kumar Reddy**, Asst. Prof of EEE Dept. participated in a three-day workshop on “**MATLAB**”, organized by CVRCE, Hyderabad from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.

18. **Mr. P. Nagaraju Mandadi**, Assoc. Prof of EEE Dept. attended a National Level workshop on “**Quality and Reliability in Engineering**”, conducted by Sreenidhi Institute of Science and technology under TEQIP-II from 29<sup>th</sup> – 31<sup>st</sup> December, 2012.

### Guest Lectures

1. The EEE Department conducted a Guest Lecture on “**Recent Advances in Electrical Engineering**”, for faculty and students. The Guest Lecture was delivered by **Dr. N. K. Kishore**, Professor of EEE Dept. in IIT Khargpur, on 26<sup>th</sup> October, 2012.
2. **Mr. G. Manohar**, Assoc. Prof of EEE Department attended a distinguished lecture by Narrain Hingorani on “**HVDC and FACTS**”, at Osmania University conducted by IEEE Hyderabad Chapter, on 22<sup>nd</sup> September 2012.

### Faculty Who Submitted Ph. D Dissertations

1. **Mr. P. Nagaraju Mandadi**, Assoc. Prof of EEE Department, submitted the thesis titled “**Transient Stability and Control of Multi Machine Power System**”, to JNTU, Hyderabad, on 30<sup>th</sup> August 2012.

### List of Faculty Members who cleared Pre Ph. D

S.	Name	Designation	Department	Month/Year
1.	Mr. B. Kalyan Chakravarthy	Assoc. Prof	EEE	December/2012
2.	Ms. R. Naveena Bhargavi	Assoc. Prof	EEE	December/2012

### Student Achievements

1. **Ms. B. Sushma**, student of M. Tech (EPE), EEE Dept. published a paper titled “**HVDS Approach for Reducing the Technical and Non-Technical Losses to Enhance the Electrical Distribution System Performance**” under the guidance of **Dr. P. Ravi Babu**, Prof EEE Department in I-manager’s Journal of Electrical Engineering, Vol.6, No-1, July-September 2012.
2. **Ms. B. Sushma**, student of M. Tech, EEE Dept. presented a paper titled “**HVDS Approach for Reducing the Technical and Non-Technical Losses to Enhance the Electrical Distribution System Performance**”, under the guidance of **Dr. P. Ravi Babu**, Prof EEE Department in “IEEE Fifth India International Conference on Power Electronics”, IICPE 2012, held at Delhi Technological University, Delhi from 6<sup>th</sup> – 8<sup>th</sup> December, 2012.

## DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING ERUDITION OF KNOWLEDGE

### Publications in National / International Conferences / Journals

1. **Dr. M. S. Bhat**, Prof and Head, EIE Dept. along with **Dr. Md. Abbas Ali**, Retd. Professor, Osmania University and **Dr. Y Madhuri Srinivas**, Ph. D scholar, published a paper entitled, “**Effectiveness of Music in Humorous Advertisements**”, in BVIMR Management Edge Journal of Bharati Vidayapeeth Deemed University Institute of Management and Research, New Delhi ISSN No. 0976-0431 Vol.5 No.2 in July-December, 2012.
2. **Dr. M. S. Bhat**, Prof and Head EIE Dept. published a paper entitled “**A Study on the Operation Theatre Process of Tertiary Care Hospital using Program Evaluation and Review Technique (PERT)**”, in Sreenidhi Journal of Management Vol.1. ISSN 2278 – 2354 July- December, 2012.
3. **Dr. M. S. Bhat**, Prof and Head, EIE Dept. along with Dr. A. Vidyasagar and Maj. Gen. (Retd.) Dr. R. K. Bagga, published a paper entitled, “**An Empiric Study of Perception of the Effectiveness of the Learning through Electronic Portal**”, in the proceedings brought out on the occasion of 55<sup>th</sup> Annual Technical Conference 2012, conducted by Institution of Electronics and Telecommunication Engineers at Bangalore on 28<sup>th</sup> – 29<sup>th</sup> September, 2012.
4. **Ms. Harivardhagini**, Assoc. Prof EIE Dept. published a paper entitled “**Voice Guided Robot Using Lab View**”, in CVR Journal of Science and Technology. Volume 3, December, 2012.
5. **Mr. Naregalkar Akshay**, Assoc. Prof EIE Dept. published a paper on “**Multi-Vendor Remote Monitoring and Control System for Hydraulic Drive Systems**”, in CVR Journal of Science and Technology, ISSN: 2277-3916, Vol 3, December, 2012.
6. **Dr. M. S. Bhat**, Prof and Head, EIE Dept. along with **Mr. Narendra Kumar**, Ph. D scholar, published a paper entitled, “**Prevailing Practice and Perception on Managerial Aspects of Community Based Rehabilitation Projects in India**”, in CVR Journal of Science and Technology Vol.No.3 ISSN 2277-3916, December, 2012.

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

1. **Ms. A. Usha Sri**, Asst. Prof EIE Dept. attended a workshop on “**Biomedical Signal Processing using Labview**”, organized by VNR Vignan Jyothi College of Engineering on 17<sup>th</sup> and 18<sup>th</sup> August, 2012.
2. **Mr. Naregalkar Akshay**, Assoc. Prof EIE Dept. participated in a two day workshop on “**MATLAB and its Applications**”, held at GITAM University, Hyderabad on 20<sup>th</sup> and 21<sup>st</sup> September, 2012.
3. **Prof S. Narayana** was invited to participate in two day 55<sup>th</sup> Annual Technical Convention of Institution of Electronics and Telecommunication Engineers held at Bangalore on 29<sup>th</sup> and 30<sup>th</sup> September, 2012. He was requested to chair the first technical session on Medical Electronics.

4. **Ms. Harivardhagini**, Assoc. Prof EIE Dept. participated in a one day workshop on **“Introduction to TIMCU’s and its Application”** in CVR College of Engineering on 19<sup>th</sup> October, 2012.
5. **Mr. Naregalkar Akshay**, Assoc. Prof EIE Dept. participated in one day workshop on **“Introduction to TIMCU’s and its Application”**, in CVR College of Engineering on 19<sup>th</sup> October, 2012.
6. **Mr. O. Venkata Krishna**, Sr. Asst. Prof of EIE Dept. participated in one day workshop on **“Introduction to TIMCU’s and its Application”** in CVR College of Engineering on 19<sup>th</sup> October, 2012.
7. **Mr. O. Venkata Krishna**, Sr. Asst. Prof of EIE Dept. participated in a three day workshop on **“MATLAB”** held at CVR College of Engineering, Ibrahimpatnam, Hyderabad during from 13<sup>th</sup>-15<sup>th</sup> December, 2012.
8. **Ms. A. Usha Sri**, Asst. Prof EIE Dept. participated in a three day Workshop on **“MATLAB”**, held at CVR College of Engineering, Ibrahimpatnam, Hyderabad from 13<sup>th</sup>-15<sup>th</sup> December, 2012.
9. **Dr. M. S. Bhat**, Prof and Head EIE Dept. attended a two day National workshop on **“Quality and Reliability Engineering”**, conducted by Sreenidhi Institute of Science and Technology from 29<sup>th</sup> - 31<sup>st</sup> December, 2012.
10. **Prof S. Narayana** was invited to chair a technical session on **“Communication Networks for Atmospheric Studies”**, at two days National Symposium on Current Trends in Atmospheric Research including Communication and Navigation aspects (CARCAN -2012), 21-22, at Vignan Bharathi Institute of Technology Hyderabad in December, 2012.

### Endowment Lecture

The 4<sup>th</sup> **Endowment Lecture in honour of Prof S. Narayana** was delivered by Dr. N.N. Sastry, Former Scientist ‘G’, DLRL at Institution of Electronics and Telecommunication Engineers on 2<sup>nd</sup> November, 2012 on **Electronic Warfare: Systems and Technologies**.

### Ph. D guidance by Dr. M. S. Bhat, Prof and Head EIE

1. **Dr. M. S. Bhat** has been the **co-supervisor** of the Ph.D thesis entitled, **“The Determinants of Forward Premia in Indian foreign Exchange Market”**, submitted to JNTUH by scholar Mr. Maram Srikanth in July, 2012.
2. **Dr. M. S. Bhat** has been the **supervisor** of the Ph. D thesis entitled **“Study on the Managerial Aspects of Disability Rehabilitation Organizations”**, submitted to JNTUH by scholar Mr. Narendra Kumar in October, 2012.
3. **Dr. M. S. Bhat** has been the **co-supervisor** of the Ph. D thesis entitled **“Role of Microfinance for Women Empowerment- A Case Study of Andhra Pradesh”**, submitted to JNTUH by scholar MVS Mahendra in October, 2012.

## WORKSHOP ON “TI MCU’S & ITS APPLICATIONS”

19<sup>th</sup> OCTOBER, 2012

A one day Workshop on “TI MCU’S and ITS APPLICATIONS” was organized by the Department of EIE, CVR College of Engineering in association with Texas Instruments and Trident Tech Labs, Hyderabad on October, 19<sup>th</sup> 2012. The main objective of this workshop was to train the students on Applications of Microcontrollers and Applications of MCUs.

The workshop was inaugurated by Dr. A.D. Rajkumar, Principal, CVR College of Engineering and Prof S. Narayana, EIE Dept. The two Resource persons, Mr. Kushal, Application Engineer, Texas Instruments and Mr. Suresh Kumar, Application Engineer, Ti & Ni, were invited to conduct the workshop. Fifty three students and seven faculty members attended the workshop. There were eleven contestants who participated from other colleges in the Analog Design Competition. The following topics were covered in the workshop,

1. Introduction to Texas Instruments University Program: Analog Design Contest
2. Introduction to Microcontrollers
3. Different MCUs Available with TI
4. Demo Applications of different MCUs



*Guest Speaker Mr. Suresh Kumar*



*Participants at the Workshop*

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ERUDITION OF KNOWLEDGE

### Publications in Seminars / Conferences

1. **Ms. S. Suguna Mallika**, Asst. Prof of CSE Dept. published a paper on “**A Data Flow Based Novel Testing Strategy for Unit Testing of OO Software**”, in IJSEA (Online Journal) in November, 2012.
2. **Ms. Pritibahen S. Patel**, Asst Prof of CSE Dept. published a paper on “**Dynamic Job Scheduling in Grid Computing Using Genetic Algorithm**”, in CVR Journal of Science and Technology, in December, 2012.

### Paper Presentation in National / International Conferences

1. **Ms. A. Vani Vatsala**, Assoc. Prof CSE Dept. presented a paper titled “**Using HMM for Predicting Response Time of Web Services**”, at CUBE International Information Technology Conference, in Pune from 3<sup>rd</sup> – 5<sup>th</sup> September, 2012.



## Faculty Participation in Developmental Programs at other Institutions

1. **Mr. P. Narsimhulu**, Asst. Prof of CSE Dept. participated in a five day workshop on “**Faculty Enablement Program**”, conducted by Infosys, held at KITS-Warangal from 8<sup>th</sup> – 12<sup>th</sup> October, 2012.
2. **Mr. M. Raghava**, Assoc. Prof of CSE Dept. attended a three day International Workshop on “**Rough Sets and Knowledge Engineering**”, which was conducted by Indian Society for Rough Set and International Rough Set Society at Gayatri Vidya Parishad, Vishakapatnam, from 9<sup>th</sup>-11<sup>th</sup> November, 2012
3. **Prof N. V. Rao** participated in the inaugural session of IEEE Warangal Student Congress-2012 and Abhignatha in association with IEEE, Hyderabad and gave a talk on “**IEEE-Students’ Benefits and Awards**”, at JayaMukhi Institute of Technology and Sciences, Narsampet, on 28<sup>th</sup> December, 2012.

## Conferences, Workshops, Guest Lectures

1. **Mr. K. Venkateshwar Rao**, Assoc. Prof of CSE Dept. gave a lecture on “**An Architecture Framework for Spacio Temporal Data Mining System**”, in CVR College of Engineering, Ibrahimpatnam, on 15<sup>th</sup> September, 2012.
2. **Dr. Vivekananda Kandarpa**, Professor, University of Phoenix, gave a talk on “**Environmental Science and Ethics**”, in CVR College of Engineering, Ibrahimpatnam, on 21<sup>st</sup> December, 2012.

## Student Participation in Developmental Programs at other Institutions

1. **Mr. Deepak Prathapani**, cleared “**Oracle Certified Java Professional**”, course for Java6 JDK on 30<sup>th</sup> July, 2012.
2. **Mr. M. Chaitanya**, alumni of CSE Dept. conducted a seminar on “**Content Management Using Share Point**”, at CVR College of Engineering, Ibrahimpatnam on 22<sup>nd</sup> September, 2012.
3. **Ms. Sanmithra Mudigonda** won the IBETO EXCEL 2012 for the Best Project on “**Smart Phone Based ECG Monitor for Rural Indian Population**”, and received a cash award of Rs.50,000. This event was organized at Govt. Engineering College, Cochin, Kerala on 9<sup>th</sup> December, 2012.

## DEPARTMENT OF INFORMATION TECHNOLOGY ERUDITION OF KNOWLEDGE

### Publications in Seminars / Conferences

1. **Prof R. Seetharamaiah**, of the IT Dept. published a paper on “**Design of N-Gram Based Dynamic Pre-fetching for DSM**”, ICA3PP 2012, in the 12<sup>th</sup> International Conference in Fukuoka, Japan from 4<sup>th</sup> – 7<sup>th</sup> September, 2012.
2. **Ms. S. Jyothsna**, Asst. Prof of IT Dept. published a paper on “**Electronic Health Records in Cloud Computing**”, in CVR Journal of Science and Technology in December, 2012.

### Paper Presentation in National / International Conferences

1. **Ms. H. N. Lakshmi** Assoc. Prof of IT Dept. presented a paper on “**RDBMS for Service Repository and Composition**”, in an International Conference on Advanced Computing 2012(ICOAC), in Anna University, Chennai, from 13<sup>th</sup> – 15<sup>th</sup> December, 2012.

### Faculty Participation in Developmental Programmes at other Institutions

1. **Mr. K. V. Sri Harsha**, Asst. Prof of IT Dept. participated in a five day workshop on “**Faculty Enablement Program**“, conducted by Infosys held at KITS -Warangal, from 8<sup>th</sup> – 12<sup>th</sup> October, 2012.

### Conferences, Workshops, Guest Lectures

1. The Dept. of Information Technology conducted a Guest Lecture on “**ISO 9126:2001**”, for its faculty. The guest lecture was delivered by **Prof Bipin Bihari Jaya Singh** of IT Department, CVRCE, on 25<sup>th</sup> August, 2012.
2. The Dept. of Information Technology conducted a Guest Lecture on “**Web Services**”, for its faculty. The guest lecture was delivered by **Mr. K. Chaitanya**, an alumini of CVRCE on 22<sup>nd</sup> September, 2012.

## FACULTY IMPROVEMENT

### List of faculty members who registered in the Ph. D Programme:

S. No	Name	Designation	Department	Month / Year
1.	Ms. E. Jyothi Kiranmayi	Associate Professor	IT	Nonember-2012

## Completion of Ph.D

**Mr. K. Narendra Reddy**, Associate Professor of the IT Department successfully completed his viva-voice for a Doctors Degree in JNTU, Anantapur on 31-12-2012.

## Students' Participation in Seminars / Conferences

S. No	Name of the Student	Roll Number	Title of the Presentation	National / International / Journal / Conference	Venue	Month / Year
1	G. Vineeth Reddy	10B81A1284	Bumptop	National	VNR	Oct-12
2	V. SharadChaitanya	10B81A1280	Bumptop	National	VNR	Oct-12
3	Sai Kanth. K	10B81A1277	PhotoSynth	National	VNR	Oct-12
4	Soumith. B	10B81A1287	PhotoSynth	National	VNR	Oct-12
5	E. Ravi Teja	10B81A1275	Augmented	National	VNR	Oct-12
6	G. Vasantha Lahari	10B81A12A9	Augmented	National	VNR	Oct-12
7	P. Sai Maogna	10B81A1273	Cloud computing and Security Issues	National	SNIST	Oct-12
8	R. Sindhu Priya	10B81A1282	Cloud computing and Security Issues	National	SNIST	Oct-12
9	T. Vatsalya	10B81A12B0	DNA Based	National	MGIT	Sep-12
10	G.Aparna	10B81A12B1	DNA Based Computing	National	MGIT	Sep-12
11	A. Preethi	10B81A1262	LAMPTechnology	National	MGIT	Sep-12
12	N. Vani	10B81A12A7	LAMPTechnology	National	MGIT	Sep-12

## Students' Participation in Workshops

S. No	Name of the Student	Roll Number	Attended Workshop	National / International / Journal / Conference	Venue	Date / Year of Publication
1.	Ch. Santhoshi	10B81A1278	Android	National	KMIT	August-2012
2.	S. SaiSwathi	10B81A1276	Android	National	KMIT	August-2012

## DEPARTMENT OF MECHANICAL ENGINEERING

### ERUDITION OF KNOWLEDGE

#### Publications in Seminars / Conferences

1. **Mr. T. Balaji Gupta**, Assoc. Prof. of CVR College of Engineering and faculty members from Mechanical Dept. of other colleges published a paper entitled “**RFID: Technology, Issues, Applications and Growth**”, in an International Journal of Engineering Research and Technology (IJERT), Vol.1, Issue 5, in July, 2012.
2. **Ms. G. Mrudula**, Asst. Prof. of CVR College of Engineering and faculty members from Mechanical Dept. of other colleges published a paper entitled “**Investigation on Mechanical and Micro Structural Behaviour of Friction Stir Weldments of ZE42 Magnesium Alloy**”, in an International Journal of Emerging Technology and Engineering (IJETA), Vol.2, Issue 8, in August, 2012.

#### Paper Presentation in National / International Conferences

1. **Mr. T. Balaji Gupta**, Assoc. Prof of Mechanical Dept. presented a paper titled “**Supply Chain Management in Indian context**”, in the 6<sup>th</sup> International Conference on Contemporary Business 2012 conducted by IIT Delhi, India and Curtine University, Australia from 18<sup>th</sup> – 19<sup>th</sup> October, 2012.

#### Faculty Participation in Developmental Programmes at other Institutions

1. **Ms. M. Gayatri Vineela and Ms. P. Phani Kumari**, Asst. Professors of Mechanical Dept. participated in a seminar on “**CREO (CAD) Software**”, conducted by Adriotec Engineering Solutions Pvt. Ltd. on 6<sup>th</sup> December, 2012.
2. **Ms. P. Phani Kumari**, Asst. Prof of Mechanical Dept. participated in a three day course on “**Short Course on Finite Element Method**”, conducted at IIT, Hyderabad, from 19<sup>th</sup> – 21<sup>th</sup> December, 2012.
3. **Ms. M. Shalini**, Asst. Prof of Mechanical Dept. participated in a two day Workshop on “**Quality and Reliability Engineering**”, conducted by Sreenidhi Institute of Science and Technology, Hyderabad, from 31<sup>st</sup> December 2012 to 1<sup>st</sup> January 2013.

#### Ph.D Submissions

1. A Ph. D thesis on “**Optimisation of Process Parameters in Deep Drawing**”, has been submitted by Mr. R Venkat Reddy, Assoc. Prof in Aurora Engineering College under the supervision of Prof. T. A. Janardhan Reddy, HOD, Dept. of Mechanical Engineering, CVRCE.
2. A Ph. D thesis on “**Reliability Based Study of Pressure Vessels**”, has been submitted by Shri. P. Bhattacharjee of DRDO under the supervision of Prof. T. A. Janardhan Reddy, HOD, Dept. of Mechanical Engineering, CVRCE.

## HEALTH AWARENESS PROGRAMME

Cervical cancer is one of the most common types of cancer affecting Indian women. According to a survey, approximately 200 women die of cervical cancer in India everyday. The Department of Mechanical Engineering conducted a Health Awareness Programme on Cervical Cancer for the women faculty on 3<sup>rd</sup> December 2012. **Dr. Dedeepya Reddy**, Cosmetologist and General Physician enlightened the faculty by giving information regarding the cause and cure of this type of cancer. Dr. Dedeepya was accompanied by **Mr. Nitin Deshpande**, Manager, Corporate Events and **Ms. Jyothi**, Territory Manager, MSD Pharmaceuticals Pvt. Ltd. The team also offered cancer prevention vaccines for women faculty members in the college at a subsidized price.

## STUDENT OUTCOMES BASED ENGINEERING EDUCATION FOR ENHANCED EMPLOYABILITY

A one day workshop was conducted on Student Outcomes Based Engineering Education for Enhanced Employability by **Dr. P. G. Sastry**, Director and Head (L&D), Ramky Group, Hyderabad, on 11<sup>th</sup> December, 2012. Dr. Sastry focused on creating an environment in which many exciting, engaging and empowering innovations could flourish and make a significant difference to current engineering education. He motivated and guided the faculty on how to perform effectively in classrooms. He also reinforced the important skills to be acquired by a student to enhance his employability. He spoke about the design of Program Educational Objectives (PEO's) and Program Outcomes (PO's) and their roles in achieving the above mentioned aims of effective classroom teaching and the skills to be imbibed by a student.

## ENTREPRENEURSHIP AWARENESS CAMP

The Department of Mechanical Engineering under special initiative by the HOD, Prof. T. A. Janardhan Reddy conducted a three day **Entrepreneurship Awareness Camp** from 20<sup>th</sup> – 22<sup>nd</sup> December, 2012 in collaboration with Entrepreneurship Development Cell (EDC) of Osmania University. 75 students from all the branches of engineering attended the camp. The event was interactive, informative and was appreciated by the student community.

Ten resource persons from various organizations including APITCO, IPO, APSFC, the Banking Sector and from various colleges delivered talks for the students. A competition was held for the students on presenting a feasible



*Dr. Dedeepya Reddy's address*



*Dr. P. G. Sastry's address*



*Dignitaries on the dias*



*Guest Speaker -  
Dr. A. Krishnaiah*

business plan (Enterprise Promotion- Written Proposal) and the best ideas were awarded. 5 consolation prizes were also awarded.

Participation certificates were distributed by **Prof A.D. Raj Kumar**, Principal and **Prof. T.A. Janardhan Reddy**, HOD, Dept. of Mechanical Engineering.

### Establishing the labs

A new laboratory, i.e. the Heat Transfer laboratory is in the process of getting established. It is a new lab being added to the Department of Mechanical Engineering, at an initial cost of Rs. 10 lakhs.

## DEPARTMENT OF CIVIL ENGINEERING

### ERUDITION OF KNOWLEDGE

#### List of faculty members who have registered in the Ph. D programme

S. No	Name	Designation	Department	Month / Year
1	Ms. B. Uma Radha	Associate Professor	Civil Engineering	Nov-12

#### Students Achievements

**Ms. V. Naga Sravanthi and Ms. K. Vidya Lakshmi** secured 1<sup>st</sup> position in the event named “**ECO CONSTRUCTIONS**” as a part of CONVERGENCE 2012, conducted by VNR VJMET, Hyderabad on 12<sup>th</sup> October, 2012.

#### Establishment of Lab Infrastructure

An Engineering Geology laboratory was established in this semester at a cost of Rs 3 Lakhs.

### DOCTOR'S PROFILE

**Dr. M. N. Ramakrishna** joined CVR College of Engineering in November, 2012. He did his MBBS from Andhra University, Vizag, and MD (Community Medicine) from Health University, Vijayawada. In addition to this he has also done his P. G. Diploma in Diabetology from Annamalai University.

Before joining CVRCE he worked as a Medical Officer, Specialist and Deputy Chief Medical Officer in M/S Singereni Collieries Co. Ltd. for thirty years. He also worked as Asst. Surgeon with Govt. of Pondicherry for six months and prior to that as a Medical Officer in a Plywood factory in Andaman and Nicobar Islands for two years. CVRCE takes great pleasure in welcoming Dr. M. N. Ramakrishna to the college.

## DEPARTMENT OF HUMANITIES AND SCIENCE

### ERUDITION OF KNOWLEDGE

#### Publications in National / International Conferences / Journals

1. **Ms. Vanishree Sah**, Asst. Prof of Management Studies, H&S Dept. published a paper entitled, “**An Insight into the SHG-Bank Linkage Programme**”, in the VSRD International Journal of Business and Management Research, Volume-II, Issue No.VII, ISSN No.2231-248X, in July, 2012.
2. **Mr. E. Uma Reddy**, Asst. Prof of Management Studies, H&S Dept. and **Dr. C. Madhusudana Reddy**, Prof Emeritus, Dept of Management Studies, published a research paper entitled “**Portfolio Management of Indian Mutual Funds: A Study on Diversified Equity Funds Performance**”, in the International Journal of Research in Commerce, IT and Management, Vol – II, Issue No. IX, in September, 2012.
3. **Mr. Suman Kumar Burnwal**, Asst. Prof of Physics, H&S Dept. published a paper entitled “**Synthesis of Nano-Crystalline Ba<sub>0.5</sub>Sr<sub>0.5</sub>Co<sub>1-x</sub>Fe<sub>0.6</sub>Ni<sub>x</sub>O<sub>3</sub> Cathodes by a Novel Sol-Gel Process for Low Temperature SOFCs**”, in the ICIRT 2012, Bonfiring Journal, ISBN No.978-93-82338-21-5 in November, 2012.
4. **Ms. Vanishree Sah**, Asst. Prof of Management Studies, H&S Dept. published a paper titled, “**Customer Perception Towards Online Shopping**”, in the Asia Pacific Journal of Management and Entrepreneurship, Vol-I, Issue No. II, ISSN No.2277-8098, in September, 2012.
5. **Dr. Rafiuddin**, Asst. Prof of Mathematics, H&S Dept. published a paper entitled, “**MHD Time Dependent Free Convective Rivlin-Ericksen Flow and Mass Transfer**”, in the International Journal, Atti Della Fondazione Giorgio Ronchi, Vol-ANNO LXVII in September-October 2012.
6. **Ms. Vanishree Sah**, Asst. Prof of Management Studies, H&S Dept. published a paper entitled “**Work-Life Balance in The BPO Sector**”, in the Journal of Business Management and Social Sciences Research, Vol-I, Issue No. II, ISSN No.2319-5614, in November, 2012.
7. **Dr. D. Linga Reddy**, Controller of Examination and Professor of Physics, along with **Ms. Shanmukhi Jyothi D**, HOD, Physics, Sardar Patel College, and **Dr. K. Sathi Reddy**, Assoc. Prof of Physics, College of Natural Science, published a research paper entitled “**Aniline and Esters-An Ultrasonic Study**” in IOSR Journal of Applied Physics (IOSR-JAP) ISSN: 2278-4861. Volume 2, Issue 4, in November - December, 2012.
8. **Mr. Bharadwaj** and **Mr. Suman Kumar Burnwal**, Asst. Professors of Physics of H&S Dept. published a paper entitled, “**Investigation of Dielectric Properties of (1-x) Ni<sub>0.53</sub>Cu<sub>0.12</sub>Zn<sub>0.35</sub>Fe<sub>1.88</sub>O<sub>4</sub> ferrite+ (x) Gd<sub>0.2</sub>Ce<sub>0.8</sub>O<sub>3</sub> for Multilayer Chip Inductors**”, in the CVR Journal of Science and Technology, Volume-III, ISSN No.2277-3916, in December, 2012.

9. **Dr. D. Linga Reddy**, Controller of Examination and Professor of Physics, along with **Dr. A. Bhujanga Rao**, Professor and HOD of EIE dept. Andhra University, Visakhapatnam, and **Mr. K. V.L. Narayana**, Asst. Prof EIE, Gitam University, Visakhapatnam, published a research paper entitled “**Design and Development of Liquid Level Transmitter using an Improved**

**Linearized Network**”, in CVR Journal of Science and Technology, ISSN: 2277-3916, Vol. 3, in December 2012. **Dr. D. Linga Reddy**, Controller of Examination and Professor of Physics, delivered a Guest Lecture on “**Evolution and Simple Household Electronics Projects**”, at Little Flower Degree College, Uppal, on 1<sup>st</sup> December, 2012.

### Paper Presentation in National and International Conferences

1. **Ms. Vanitha Singireddy**, Asst. Prof of English, H&S Dept. presented a paper on the topic “**Negotiation: A Collaborative Approach for Language Learning**”, and conducted a workshop in the same at the 7<sup>th</sup> International and 43<sup>rd</sup> ELTAI Conference conducted by Velammal Engineering College, Chennai from 19<sup>th</sup> - 21<sup>st</sup> July, 2012.

2. **Ms. Kalavati Mallaiah**, Asst. Prof of English, H&S Dept. presented a paper on the topic “**An Approach to Innovative Methodologies in Language Teaching and Learning**”, in an International Conference conducted by Birla Institute of Technology and Science, Rajasthan on 8<sup>th</sup> and 9<sup>th</sup> October, 2012.

3. **Ms. Vanitha Singireddy**, Asst. Prof of English, H&S Dept. presented a paper on the topic “**Soft Skills: The Smart Skills for Employment**”, in a National Conference on **Frontiers of English Literature and Patterns of English Language Teaching**” conducted by Mahatma Gandhi Institute of Technology, Hyderabad on 9<sup>th</sup> and 10<sup>th</sup> November, 2012.

4. **Dr. D. Linga Reddy**, Controller of Examination and Professor of Physics, along with **Mr. M Srinivasa Reddy**, Dept. of Physics, Anurag Group of Institutions, Ghatkesar, and **Dr. Y Hari Babu**, Director of Instruction (PGS), Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar, presented a technical paper entitled “**Comparative Study of Ultrasonic Parameters on Destruction of Bacillus Subtilis at Ultrasound Frequencies of 20 kHz and 36 kHz, (NSA-2012)**”, in an International Conference at KSRIET, KSR Kalvi Nagar, Tiruchengode, Tamil Nadu, from 5<sup>th</sup> – 7<sup>th</sup> December, 2012.



## Guest Lectures

1. **Dr. D. Linga Reddy**, Controller of Examination and Professor of Physics delivered a Guest Lecture “**Projects – Microcontrollers and Interfaces**”, at Academic Staff College, Andhra University, on 28<sup>th</sup> April, 2012.
2. **Dr. D. Linga Reddy**, Controller of Examination and Professor of Physics, delivered a Guest Lecture to High School Teachers and Students on “**How to Teach and Learn the Electricity, Electronics, Magnetism**”, at ZPPSS, Dhool Mitta, Warangal, on 19<sup>th</sup> October, 2012.
3. **Dr. D. Linga Reddy**, Controller of Examination and Professor of Physics delivered a Guest Lecture on “**Valves (thermionic) to Microprocessors, Microcontrollers**”, at Academic Staff College, Osmania University, Hyderabad on 22<sup>nd</sup> November, 2012.
4. **Dr. D. Linga Reddy**, Controller of Examination and Professor of Physics, delivered a Guest Lecture on “**Evolution and Simple Household Electronics Projects**”, at Little Flower Degree College, Uppal, on 1<sup>st</sup> December, 2012.
5. **Dr. D. Linga Reddy**, Controller of Examination and Professor of Physics delivered a Guest Lecture on “**PIC Microcontrollers**”, at Osmania University, Hyderabad on 28<sup>th</sup> December, 2012.

## CAMPUS PLACEMENT

### CVR College of Engineering INTEL Selected List 2012(YOP)

S.No.	Roll. No.	NAME	Branch	Placed in
1	08B81A0280	A ROHIT KUMAR	EEE	Intel

Placed with Record of Highest Salary of 9 Lacs per Annum for the batch of 2012.

### AMAZON Selected List 2012(YOP)

S. No.	Roll. No.	NAME	Branch	Placed in
1	08B81A1006	RAVADA ARCHANA	EIE	Amazon
2	08B81A1025	GODISHALA LALITHYA	EIE	Amazon
3	08B81A1051	V SRI HARSHA	EIE	Amazon
4	07B81A1008	GHALI BHARADWAJA SHARMA	EIE	Amazon

5	08B81A05B5	PULLIMAMIDI VAISHNAVI	CSE	Amazon
6	08B81A1002	ADITYA MEHER M	EIE	Amazon
7	08B81A1036	YASANGI PRATHYUSHA	EIE	Amazon
8	08B81A12A6	AKKINAPALLI SIRISHA	IT	Amazon
9	08B81A0552	MANDADI NISHITHA	CSE	Amazon
10	08B81A0530	K. HARISH GOUD	CSE	Amazon
11	08B81A12C0	B. VANDANA	IT	Amazon
12	08B81A1293	M. SHARATH ANURAG	IT	Amazon
13	08B81A1298	GAJAL SHIRISH KUMAR	IT	Amazon

### IBM Selected List 2012(YOP)

S. No.	Roll. No.	NAME	Branch	Placed in
1	08B81A0294	RAVIRALA SHAINY	EEE	IBM
2	08B81A1243	THOUTAM MADHURI	IT	IBM
3	08B81A0261	N PRADEEP KUMAR REDDY	EEE	IBM

### NTPC Selected List 2012 (YOP)

S. No.	Roll. No.	NAME	Branch	Placed in
1	08B81A02C8	MAROJU YASHWANTH	EEE	NTPC

### TERADATA Selected List 2012 (YOP)

S. No.	Roll. No.	NAME	Branch	Placed in
1	08B81A0510	JANNU BHARADWAJ	CSE	Teradata
2	08B81A1291	MANNEPALLI SESH HARIKA	IT	Teradata
3	08B81A1290	KEERTHI CHALLA	IT	Teradata
4	08B81A0456	MANCHI REDDY PALLAVI	ECE	Teradata

### ACCENTURE Selected List 2012(YOP)

S. No.	Roll. No.	NAME	Branch	Placed in
1	08B81A02A8	GAJJALA SRINIVAS RAO	EEE	Accenture
2	08B81A0245	D MANOHAR REDDY	EEE	Accenture
3	08B81A04B2	SWAPNA BOGGALARU	ECE	Accenture
4	08B81A1016	A. HARINI	EIE	Accenture
5	08B81A0495	S. SOWJANYA	ECE	Accenture

### Placements for 2013 Batch 2009 - 2013

#### PERSISTENT Select List -2013 (YOP) on 22nd & 23rd ugust 2012

S. No.	Roll. No.	NAME	Branch	Placed in
1	09B81A05B0	ETIKALA VEDAVYAS	CSE	Persistent
2	09B81A12A9	SAMUDRALA VAMSHI BHARGAV	IT	Persistent
3	09B81A05A1	MAMILLAPALLI SUNILKUMAR	CSE	Persistent

#### ADP Select List - 2013 (YOP) on 22nd Oct 2012

S. No.	Roll. No.	NAME	Branch	Placed in
1	09B81A0263	NIMESH NAGAR	EEE	ADP
2	09B81A0424	UTCHULA HADASSAH GRACE	ECE	ADP
3	09B81A1049	P SRUJANA	EIE	ADP
4	09B81A0495	THALLAM SUHAS	ECE	ADP
5	09B81A0508	PULIJALA AMULYA SRI	CSE	ADP

### TCS Select List -2013 (YOP) on 8th & 9th Dec 2012

S. No.	Roll. No.	NAME	Branch	Placed in
1	09B81A0218	BALA PAAVANI PILLALAMARRI	EEE	TCS
2	09B81A0227	CHEVVURI DEEPTI	EEE	TCS
3	09B81A0267	PHANI KIRAN T S V V	EEE	TCS
4	09B81A0293	G. SATYAVALLI RAJESHWARI	EEE	TCS
5	09B81A02A8	BEZAVADASYAMANTH NAGA VIVEK	EEE	TCS
6	09B81A0417	VEERISSETTI BINDU MADHAVI	ECE	TCS
7	09B81A0491	BEEMIDI SRAVANI	ECE	TCS
8	09B81A04A1	BHATTIPROLU SWATHI	ECE	TCS
9	09B81A0556	IKKURTHI PRADEEP CHARAN	CSE	TCS
10	09B81A0560	YALLANKI PRUDHVI KUMAR	CSE	TCS
11	09B81A05A7	A THARUN KUMAR REDDY	CSE	TCS
12	09B81A1010	BINDU BANDLAMUDI	EIE	TCS
13	09B81A1013	SOMAROUTHU DURGA PRASAD	EIE	TCS
14	09B81A1019	CHITTA MEGHANA	EIE	TCS
15	09B81A1035	P SAILAKSHMI SRIVANI A	EIE	TCS
16	09B81A1218	TIPPAVAJJULA BHARADWAJ	IT	TCS
17	09B81A1237	MAHESWARI SHIVAM	IT	TCS
18	11B81D5831	BOLLA SRUTHI	M.Tech. CSE	TCS

### CA Select List -2013(YOP) on 17th Dec 2012

S. No.	Roll. No.	NAME	Branch	Placed in
1	09B81A0508	PULIJALA AMULYA SRI	CSE	CA
2	09B81A1240	SALLA MOUNIKA	IT	CA

## VIRTUSA Select List -2013(YOP) on 19th Dec 2012

S. No.	Roll. No.	NAME	Branch	Placed in
1	09B81A0410	GATTU ARPITH KUMAR	ECE	Virtusa
2	09B81A02A4	SNEHITHA PEDDALA	EEE	Virtusa
3	09B81A04A6	KASTURI TEJASWI	ECE	Virtusa
4	09B81A0507	PERUGUPALLIAMULYA	CSE	Virtusa
5	09B81A0511	K ANITHA	CSE	Virtusa
6	09B81A0529	MANNEM HAREESH REDDY	CSE	Virtusa
7	09B81A0583	ANDI SATVIK	CSE	Virtusa
8	09B81A05B8	JALIPARTHY VIJAYALAKSHMI	CSE	Virtusa
9	09B81A1214	K ANUSHA	IT	Virtusa
10	09B81A1227	KONDABATHULA DIVYA	IT	Virtusa
11	09B81A1232	HARSH PRAFUL DAND	IT	Virtusa
12	09B81A1268	REKHA CHOUDHARY	IT	Virtusa
13	09B81A1269	V REVANTH	IT	Virtusa
14	09B81A1293	ANANTHULA SNIGDHA	IT	Virtusa

### Dun and Bradstreet- National Employability Conclave recognizes CVRCE

We are happy to announce that the Placement Cell and the final year students are prepared and rearing to go and face the placements tests in the year 2013. They are confident of bagging good placements this season after the set of training programs organized by the college and the assessments they had, throughout the semester. The training plans and strategies were recognized and appreciated by **Dun and Bradstreet** and **Aspiring Minds - National Employability Conclave** held on 11<sup>th</sup> December 2012. **Ms. Vijaya Mair**, Head of Placements won the “**Visionary Minds**” and the “**Career Guru Award for 2012**”, in this conclave. The jury for the Career Guru Awards comprised of a distinguished panel of judges which included veterans like: (PHOTOS)



Placement officer receiving Career Guru Award - 2012

1. Mr. Naveen K, Program Director, Head - Orchard, Campus Talent Acquisition, Mindtree Ltd
2. Mr. Niranjana Subramanya Sarja (NS), Head Campus, HCL Technologies
3. Mr. Prasanna Arunachalam, Campus Recruitment Lead (Engineering Schools), Accenture India Pvt. Ltd.
4. Mr. Puneet Pandey, Director - Resourcing and Training, HCL Technologies (Infrastructure Services Division)
5. Ms. Savita Subramanian Venugopal, Associate Director - Talent Acquisition, Cognizant Technology Solutions
6. Mr. Tarun Nallu, India Lead for Campus Hiring for Audit, Risk Consulting and Tax, Deloitte.

## EVENTS SCHEDULED THROUGH PLACEMENT CELL (July – December 2012)

Date	Name of the Event
28 <sup>th</sup> & 30 <sup>th</sup> Jul 2012	AMCAT Assessment (All B. Tech. and M. Tech. final year students)
August	Soft skills sessions from August 1 <sup>st</sup> week to Last Week for about
18 <sup>th</sup> Aug 2012	Infosys Foundation Program Test - 2 (4,5,6 batches) 2013 Batch
21 <sup>st</sup> Aug 2012	Persistent Online test for CSE & IT for 2013 Batch
22 <sup>nd</sup> Aug 2012	Persistent Interviews
25 <sup>th</sup> Aug 2012	Infosys Foundation Program Test-2 (1,2,3,7 batches) 2013 Batch
8 <sup>th</sup> to 12 <sup>th</sup> Oct 2012	Infosys Faculty Enablement Program held at KITS – Warangal Participants from CVR :
18 <sup>th</sup> Oct 2012	Mr. P. Narsimhulu Asst. Prof(CSE) & Mr. K. V. Sri Harsha Asst. Prof(IT)
22 <sup>nd</sup> Oct 2012	SAP Tech University seminar for CSE & IT 3rd year students 2014 Batch ADP Online Test and Interviews for 2013 Batch
15 <sup>th</sup> and 16 <sup>th</sup> Nov. 2012	Our College participated in Education Summit – eIndia and displayed best projects work of the students and faculty being done at campus.
29 <sup>th</sup> , 30 <sup>th</sup> Nov and 1 <sup>st</sup> Dec 2012	Ms. Vijaya Mair – Head Placements Attended National Human Resource Development Conference to get the best practices of the Industry.
8 <sup>th</sup> Dec 2012	TCS Online Test for 2013 Batch
9 <sup>th</sup> Dec 2012	TCS Technical and HR Interviews for 2013 Batch
11 <sup>th</sup> Dec 2012	D & B and Aspiring Minds National Employability Conclave
14 <sup>th</sup> Dec 2012	Nebulogic Written Test for 2013 Batch
17 <sup>th</sup> Dec 2012	Computer Associates (CA) Written Test and Interviews for 2013 Batch
19 <sup>th</sup> Dec 2012	Virtusa Written Test and GD for 2013 Batch
20 <sup>th</sup> Dec 2012	Virtusa Technical and HR Interview for 2013 Batch
20 <sup>th</sup> Dec 2012	Apps Associates Written Test and GD for 2013 Batch
21 <sup>st</sup> Dec 2012	Apps Associates Technical and HR Interview for 2013 Batch
22 <sup>nd</sup> Dec 2012	AMCAT Re Assessment (All B. Tech. and M. Tech. final year students)

## **PROUD TO BE ALUMNI OF CVR COLLEGE, SAIKIRAN CHAVALI, B.TECH. IT (2008-2012)**

**On 13-Feb-2013, at 8:35 PM, Saikiran Chavali wrote to the Chairman, CVRCE.**

Respected Sir,

I am currently working in Oracle Financial Services Software Limited, Oracle Park, Pune. I am proud to say that I got the opportunity to work in this company through my college, otherwise I wouldn't have dreamt about this job in such a short span.

Today, I am happy to share the news with my respected teachers that I am working as an Android App Developer. Presently, I am heading the team of "Resource Management System" along with one of my senior in Pune. After joining Oracle, I have successfully developed 4 libraries in Android and I am heading the Resource Management System Project in the company. I have developed libraries of Facebook, Twitter, Qr Code, Google Push Notification System. All these libraries further get integrated with the FLEXCUBE Mobile app which is the core product of ORACLE Financial Services.

The project that I have developed in college as part of B. Tech final year won GOLD MEDAL under the guidance of my beloved teachers and it has also won III prize in IIT Bombay. Today, I am working as Android Developer in Oracle because of this project.

I am glad that I am starting "RK Smart Labs" a non profit organisation, which will provide training to students with respect to technologies like robotics, android, campus placement training and many more which I was inspired to do in my college innovative club i.e. "THIRST FOR INNOVATION CLUB".

I share some of the links of my projects that I have developed during my B.Tech and which has been widely accepted and appreciated by many dignitaries.

- <http://ritssaikiran.blogspot.in/2013/02/rk-upgrading-with-android-push.html>
- <http://ritssaikiran.blogspot.in/p/rk-smart-labs.html>

Today, I am really proud to be a graduate from CVR College of Engineering and I wish to provide all the support I can to my juniors. I miss my college's Tech Fest CIENCIA which explores trends in technology. I congratulate our Chairman and senior teachers of my college for bagging DRDO/DRDL projects which will be a boon for students in learning their subjects practically with real time exposure.

Yours faithfully,

**SaiKiran Chavali**

Associate Applications Developer  
Oracle Financial Services Software Ltd.



*The things that happen to us do not matter; what we become through them does. - Ritcha Rao*



