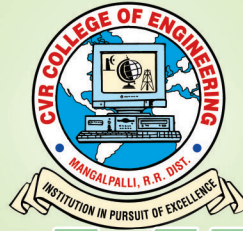


CVR COLLEGE OF ENGINEERING

(An Autonomous Institution)



In Pursuit of Excellence....

Aegle Vista '18

Vol. 18

January - March 2018

Issue. 1

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HACKATHON'18



EDITORIAL MESSAGE

Welcome to the Vol.18 Issue 1 of the Aegle Vista. This edition will bring to you information about the activities in the campus from January to March, 2018. While the new year of 2018 begins, the academic year of 2017-18 starts to draw to a close in this period. As is anticipated, the closure of an academic year brings in its wake a sobriety and a certain solemnity in the air, with students gearing up to take their examinations, burying themselves in their books, sharing notes and preparing to give the examinations their best shot.

The first quarter of 2018 saw the college organize many guest lectures and workshops across different branches of engineering. Renowned scholars and eminent industrialists visited the college and provided information, knowledge and encouragement to the students to excel in their careers.

At the same time, all the customary events and fests that commemorate the end of an academic year also vied for time from the students and the staff alike. The college played host to the Smart India Hackathon'18 this year, for the second time in a row. It was a great honor that the college was selected among many others to host this prestigious National Level competition. Ciencia the in house National level Technical Fest that the college organizes annually, was held this year too with great enthusiasm and fervor. Flash mob and the 5K Run that announces the commencement of the Ciencia fever, kept the students excited and enthralled. Students from colleges in Hyderabad and other cities presented papers and the two day fest saw many technical and non technical events.

All in all, this quarter of the year proved immensely satisfying for both students and faculty alike, as the college hosted two mega events one after the other and kept everybody busy and energized.

The editorial team of Aegle Vista wishes all its readers and patrons a joyful new year. We await suggestions if any for the enhancement of this newsletter from all its readers.

Adiós. Happy Reading !

NEW RECRUITMENTS

CVRCE welcomes the following faculty members, who joined the college between January – March, 2018.

S. No	Name of the faculty	Designation	Dept	D.O.J
1.	Mr. N. Tirupathi	Asst. Prof	MECH	13.01.2018
2.	Dr. S. Selvendran	Assoc. Prof	ECE	22.01.2018

FACULTY MEMBERS RELIEVED

The following faculty members have taken relief from the services of the college during January – March, 2018.

S. No	Name of the faculty	Designation	Dept	D.O.J
1.	Mr. G. Venkata Ramana Murthy	National Head Placement	Placement	31/12/2017
2.	Mr. N. Maragatham	Asst. Prof	Civil	31/3/2018
3.	Mr. Rajesh Reddy Madadi	Asst. Prof	Mech	31/3/2018

FLASH NEWS

We are extremely happy to convey that Ministry of Human Resources Development, Govt. of India, National Institutional Ranking Framework, has rated CVR College of Engineering in the top 101-150 rank group in India for the second year in a row. CVRCE has been ranked as one among the top three colleges in the State of Telangana. We congratulate and thank all the students, parents, faculty members and other stake holders for this success story.

HACKATHON SNIPPETS

Dr. K. S. Nayanathara, Principal, CVR College of Engineering was invited by AICTE to share the experiences of hosting the Hackathon-2017 event. While emphasizing the need for having small committees of experts for each identified activity, she indicated that a meticulous planning and impeccable execution are essential for the success of the event.

CVRCE Receives Grant from ISTE to Conduct a Refresher Programme

Dr. K. S. Nayanathara, Principal of the college received an ISTE grant of Rs.3 lakhs for conducting Induction/ Refresher program on “Recent Advances in Radar Systems for Special Applications”, to be held on 15 and 16 June, 2018.

CVR Journal of Science & Technology given Recognition by DRJI

CVR Journal of Science and Technology has been recognized and indexed in Google scholar & DRJI Directory of Research Journals Indexing.

CIENCIA 2K18

CIENCIA 2K18, a two-day national level technical fest was organised by CVR College of Engineering on 15 & 16 March, 2018 under the guidance of 3 faculty conveners and 4 student conveners. **Dr. S. Venkateshwarlu**, Head, Department of Electrical and Electronic Engineering, was the Convener, **Dr. K. Lalithendra**, Head, Department of Electronics and Communication Engineering and **Dr. A. Vani Vathsala**, Professor, Department of Computer Science Engineering were the co-conveners for CIENCIA 2K18. S.Karthik Reddy, K.S.S. Shashank, G.V.D. Niveditha and S.Sushmitha worked as student conveners. The conveners received magnificent support from 25 technical



Chief Guest Mr. Kanneganti Addressing the Gathering

committees who worked very hard to make this event a grand success.

Dr. Rama Rao Kanneganti, Former Senior Vice-President, HCL Technologies, delivered the Inaugural speech on 15 March and **Mr. Navin Mittal**, IAS, Commissioner for Collegiate and Technical Education, Government of Telangana, graced the occasion as Chief Guest for the valedictory function on 16 March and handed over the prizes to the winners.



Release of Yantravue

As part of this 2 day Mega Tech Fest, 40 Technical Events, 22 General Events and 7 Special Events were conducted. Around 2000 participants from over 25 engineering colleges enthusiastically participated in all these events. Techno Adroit, Speed Matters, Blind Assembly, Geek-Nation, Tangle & Connexion, to name a few were the technical events and IPL Auctions, Dark Cricket, 4D Effects, Lan Gaming, Spooky Maze, Art Gallery, Selfie Hunt were among the other General and Special events that attracted maximum participants.

Students presented their work through paper presentations; competitions were conducted by 7 branches of engineering, i.e, CSE, Civil, Mechanical, EEE, ECE, EIE and IT. First Prize winners were given cash awards of Rs 4500 and second prize winners were given cash awards of Rs 2500 in each branch.

Two pre-event workshops, namely IOT Home Automation and Vehicle Automation were held on 13 & 14 March and around 60 students participated in each of them enthusiastically.

Conclave Talks

One new event that was introduced this year and which became hugely popular among the audience was 'Conclave Talks'. Eminent personalities like **Mr. Akun Sabarwal**, IPS, **Sri Paripoornanda Saraswathi**, Hindu Activist, **Ms. Naina Jaiswal**, International TT player, and **Master Agastya Jaiswal**, popularly known as **Google boy** delivered inspiring and motivational talks to the students and faculty members.



Mr. Navin Mittal Addressing the Gathering

94.3 Fever FM and Bharat Today were the media partners for CIENCIA 2K18. The Fest received sponsorships from Mania, RexerPharma, Karshak Art Printers, and Bombay Kulfi.

Another feather in the cap for CIENCIA 2K18 that drew huge crowds were the food stalls. Several delicacies like Shewarmas, Ice Gola, Ice Creams, Donuts, Dosas etc. were served in these food stalls managed by the students.

All the events hosted by CIENCIA 2K18 had tremendous response from the students. Each participant learnt something new in the process and took away with him/her an inspiration to excel in all their future endeavours.



Release of the Souvenir

SMART INDIA HACKATHON '18



1st Prize

Smart India Hackathon is the nation's largest Nation-Building Digital Initiative of the HRD Ministry to channelize the creativity and energy of bright young students for the development of the country. Our Honorable **Prime Minister, Shri Narendra Modi**, envisaged a Digital India to bridge the digital divide in our country. He promotes digital literacy to make development a comprehensive mass movement for easy governance. To

realize our PM's vision, MHRD, All India Council for Technical Education (AICTE), Inter Institutional Inclusive Innovation Center (i4C), and Persistent Systems organized the Smart India Hackathon 2017, a unique initiative to identify novel digital technology innovations, for solving the challenges of our country. The initiative was a huge success. To reiterate our commitment towards the Prime Minister's vision, MHRD, AICTE, i4C, Persistent Systems and Rambhau Mhalgi Prabodhini Academy for Training were proud to organize the 2nd edition of Smart India Hackathon 2018 with partners: Cisco, DEVNET, Deloitte, KPIT, CDK Global, ADI and AXISCADES. Social Media Partners were Ideas to Impacts, Media Partners were AIR India, DD, NIC and myGOV. Communication partners were Suma Soft and Amrita Vishwa Vidyapeetham. 45 Union Ministries, departments and 18 State Governments joined this grand initiative to make it much larger than the previous event. The Government initiated an open challenge to thousands of technical students to provide digital solutions for efficiency plug revenue leakages and prevent corruption.

Smart India Hackathon 2018 was organized with 2 sub-editions – Software as well as Hardware:

- Software Edition: 36-hours software product development competition was organized which was similar to the Smart India Hackathon '17.
- The new Hardware Edition would be conducted during the latter part of the year.

For the second edition of Smart India Hackathon 2018, 27 Central Ministries/Departments and 17 State Governments proposed more than 900 problem statements. 17,400 teams of around one lakh students of Engineering, Management and MCA submitted their proposals. These proposals were scrutinized and 1,296 teams were selected for the Grand Finale. After the scrutiny, 408 problems (340 for Software and 68 for Hardware) were finally selected for the Grand Finale. The Software Edition Hackathon competition was held continuously for 36 hours at 28 nodal centers in 15 States simultaneously on 30 & 31 March, 2018.



2nd Prize



Teams At Work

Smart India Hackathon 2018, was a historic event for CVR College of Engineering, Hyderabad as it was the only institution in the state of Telangana holding this event for the second time. The college hosted this mega technical marathon wherein 38 teams from 13 States with around 228 students participated. Among them 98 were girls and mentors, from various institutions across India who contributed to showcase their skills and developed technological methods for the benefit of society. 10 teams from CVR College of Engineering

participated in the Grand Finale at various centers across the country.

On 30 March, 2018, CVR College of Engineering held the Inaugural Ceremony of 'Smart India Hackathon 2018'. The inaugural function hosted by the college was overseen by domain experts, senior professionals from IT industries and people from different ministries as judges. The Guest of Honor was **Shri G. T. Venkateshwar Rao** IRS, Commissioner, Electronics Service Delivery, Govt. of Telangana and the Chief Guest was **Mr. J. Satyanarayana**, Chairman UIDAI who accentuated the importance of Hackathon 2018, and conveyed his view that "Innovation means to do different things differently". He congratulated CVR College of Engineering for hosting this prestigious event for the second time. He appreciated the college for imparting quality education and contributing holistically for the development of the country.



HRD Minister Mr. Prakash Javdekar

The Honorable Minister for Human Resource and Development **Shri. Prakash Javadekar** inaugurated the nation's biggest Hackathon through video conference across all the nodal centers in India. He informed the country that more than one lakh students of 17,400 plus teams sent their proposals and among them 1296 teams were selected for the final round of the Software Edition of Hackathon which had 36 continuous hours of competition. He further added that the Hardware Hackathon Competition would be conducted in June' 18.

Shri. Javdekar also informed the country that 27 projects from Smart India Hackathon'17 were on the verge of being implemented and he wished that there would be a 100 more projects from this Smart India Hackathon'18.

Speaking on the occasion, Shri .Narendra Modi the Honorable Prime Minister of India, motivated the spirits of the participants and encouraged them to give their best to the event. He said that the innovation quotient of nations will determine their progress and emphasized on the need for greater research in the country. He further mentioned that sky was the limit for young minds to innovate, create patents and make their products contribute to the nation's prosperity. He emphasized on the mantra that Smart India Hackathon will drive **IPPP-Innovate, Patent, Produce and Prosper** . Prime Minister Modi who heard children from various states said that students should be inquisitive as they innovate. Innovation is not merely a word nor is it restricted to events or occasions, but it is a continuous process, and questioning is an important aspect of innovation.

Speaking about the Hackathon, the Chairman of the College **Dr. Raghava Cherabuddi** said that they were the stepping stones for providing solutions to our country's problems and to create a better future. He told the students that they should take pride in being a part of the Grand Finale of this unique Hackathon. Dr. Raghava wished all the participants great success.



Distinguished Panel

The Principal of the college, **Dr. K. S. Nayanathara**, formally welcomed all the participants from various parts of the country, colleagues and students. She appreciated the active participation of the students and their young talent, which they had dedicated to the support of the Ministry of Electronics and Information Technology (MeitY), Govt. of Telangana and Govt. of Tamil Nadu.

Prof. Anil D. Sahasrabudhe, Chairman AICTE, visited CVR College of Engineering and interacted with the participants and highlighted the significance of the Hackathon. He drew the attention of the participants to the fact that Hackathon has proved that the students were ready for the industry as they had solved major problems of the country. These innovations, he said will make students a job giver rather than a job seeker. He said institutions were the places for innovations and are the building blocks of the wonderful start up eco systems.

The ambience was aesthetic and the air electric as all the focused minds gathered at CVRCE to present their innovative ideas and to combat real-time challenges of our nation. The energy and enthusiasm portrayed by one and all was contagious and overwhelming. The campus was brimming with positivity and hope for a better future.

The Chief Guest for the valedictory function was **Dr. Hemanth Darbari**, Director General, C-DAC. Dr. Darbari appreciated all the participants for taking up societal problems as a challenge and striving hard for its

solutions in a stipulated time frame, which would help them in their future growth when they work in similar environments. As innovation is the key for the future, all the students should utilize any support offered to them at any level. A small idea which comes up, needs to be nurtured properly and made to yield tangible results. Nowadays, because of internet and connectivity, a lot of information was available at their finger tips. Our younger generation must be smart and utilize them. The Guest of Honour was Mr. **Ram Gopal Gollakota**, Head, End-to-End Portfolio Management, Mobility Networks, Nokia, USA. He emphasized the importance of Hackathon and gave many examples of how innovations were taking place these days.



CVR Sponsored Prize 1

CVR College of Engineering as the nodal center announced three prizes from MeitY for Rs. 1,00,000/-, Rs. 75,000/- and Rs. 50,000/-. Apart from these, the Management of CVR College of Engineering announced two more prizes worth Rs 25,000/- each, in addition to the 2 prizes worth Rs 10,000/- announced by Persistent Systems and KPIT.



CVR Sponsored Prize 2

The following teams were adjudged winners of the Hackathon' 18.

- The 1st prize winning team was team 'Hack Squad' from Bharatiya Vidya Bhavan Sardar Patel Institute of Technology, Mumbai.
- I Runners Up – 'The O (1)' from SCTR's Pune Institute of Computer Technology, Pune.
- II Runners Up – 'The SSGMCE_Loopers' from Shri Sant Gajanan Maharaj College of Engineering, Shegaon (Maharashtra).
- Special Inspiration Prize for Best Girl Team went to 'Arsenal Team' from BVRIT, Hyderabad.
- III Runners Up (CVR Special Prize) – 'Cryptic Crusaders' from Delhi Technological University, New Delhi.
- IV Runner Up (CVR Special Prize) – 'The Mask' from St. Joseph's College of Engineering, Chennai.
- Persistent Inspirational Award was presented to the team 'CyberAon' from Rajiv Gandhi College of Engineering & Research, Nagpur.
- KPIT Innovation Award was presented to the team 'Beatles' from Dr. B.R. Ambedkar National Institute of Technology, Jalandar, Punjab.

The vision of New India, Smart India and Digital India seemed closer to realization after the closure of the 36-hour non-stop Smart India Hackathon 2018 event. This unique event encouraged many young minds to convert their knowledge into skills that would solve many crucial challenges our country is facing.

The Chairman of the College **Dr. C.V. Raghava** thanked the Prime Minister of India for providing an open platform for the students, AICTE for selecting CVRCE as the nodal center for the second time, the Chief Guest, Dr. Hemanth Darbari, Director General, C-DAC and the Guest of Honour, Ram Gopal Gollakota, Head End-to-End Portfolio Management, Mobility Networks, Nokia, USA. He also thanked the judges for being a part of this initiative, faculty, student volunteers, non-teaching staff, infrastructure team, media and everyone who supported this event and made it a grand success grand success.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ERUDITION OF KNOWLEDGE

Publications in National / International Conferences / Journals

1. **Ms. P. Kavitha**, Assoc. Prof of ECE Dept. published a paper on “**Improving Performance of Wireless Sensor Networks using Priority Based Load Balanced Clustering Dual Data Uploading**”, in the International Journal of Research in Electronics and Computer Engineering, Vol .6 in January-March, 2018.
2. **Ms. S. Swetha**, Asst. Prof of ECE Dept. published a paper on “**Signal Processing and Communication Engineering Systems**”, in IEEE Conference SPACES-2018 on “Area and Power Efficient MAC Unit”, in IEEE *Xplore* on 15 March, 2018.

Paper Presentation in National / International Conferences

1. **Ms. S. Swetha**, Asst. Prof of ECE Dept. presented a paper on “**Design & Implementation of Area Efficient and Low Power MAC Unit**”, in the IEEE Conference SPACES-2018 held at ECE Dept. of KLEF, Andhra Pradesh on 5 January, 2018.
2. **Mr. G Harish Babu**, Asst. Prof of ECE Dept. presented a paper on “**Eye Controlled Robotic Chair with Night Vision Camera,**” in the International Conference on Internet of Things and Cyber Security (ICICS-2018), KL University, Andhra Pradesh on 22 & 23 March, 2018.
3. **Mr. Shakeel Ahmed**, Sr. Asst. Prof ECE Dept. presented a paper on “**Performance Evaluation of VANETs Using Wireshark**”, in the International Conference on Internet of things and Cyber Security (ICICS-2018), KL University, Andhra Pradesh on 22 & 23 March, 2018.

Participation in National / International / Conferences / Seminars / Workshops

1. **Mr. L. Manjunath, Mr. Janardhana Rao Bitra**, Assoc. Profs, **Ms. A. Anitha**, Sr. Asst Prof, **Ms. J. Jyostna**, **Ms. M. Santhoshi**, **Ms. Nikita Singh**, **Ms. G. Snehalatha**, **Ms. S. Swetha** and **Mr. G. Harish Babu**, Asst. Profs of ECE Dept. participated in a 2 day seminar on “**Hands on Embedded system Design using Arduino**”, conducted by CVR College of Engineering on 30 & 31 January, 2018.

Dean, Research, Dr. Lal Kishore attends the following:

1. **Prof. K. Lal Kishore, Dean Research**, attended the 47th ISTE National Annual Convention held at SAINGITS College of Engineering, Kottayam, Kerala from 27 to 29 January, 2018. He received the National Award for Best upcoming State Level ISTE Section on behalf of ISTE AP Section.



Prof.K. Lal Kishore Receiving the Award

2. **Prof. K. Lal Kishore, Dean Research**, participated in the Executive Council Meetings of RGUKT, R.K. Valley IIIT and Dr. A.P.J. Abdul Kalam IIIT, in Ongole at Tadepalli, Vijayawada on 15 February, 2018.
3. **Prof. K. Lal Kishore** was the Chief Guest at the TECHXELLECE18 Annual Day celebrations of ANURAG Engineering College, Hyderabad, held on 17 February, 2018.
4. **Prof. K. Lal Kishore** was the Chief Guest at the ISTE state level Students Convention, NIPUNA, held at SRKR Engineering College, Bhimavaram on 23 & 24 of February, 2018. He was honoured by the college, on that occasion.
5. **Prof. K. Lal Kishore**, Dean Research, attended the Executive Council (EC) Meetings of RGUKT, R.K. Valley on 28th March 2018 held at Vijayawada.

Workshops Conducted by Department:

1. **Technolites** (ECE Department Association) organized a Guest Lecture for B. Tech III year ECE students on **IoT** on 12 January, 2018.
2. **Technolites** (ECE Department Association) organized a 2 day workshop on **HAPTICS ROBOTICS** by RoboKart Company, Mumbai for faculty members and B. Tech III year students of various branches on 19 & 20 January, 2018.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ERUDITION OF KNOWLEDGE

Publications in National / International Conferences / Journals

1. **Mr. A. S. S. Murugan**, Assoc. Prof of EEE Dept. along with Mr. V. Suresh Kumar published a paper on “**A New Method for Measurement of Harmonic Distortion Using Adaptive Wavelet Neural Network**”, in the International Journal of Power Systems, Vol.3 in January, 2018.

2. **Mr. O. Venkata Krishna**, Assoc. Prof of EEE Dept. published a paper on “**Design and Implementation of Block Based Transpose Form FIR Filter**”, in the International Journal of Computer Application, Vol. 1, Issue 8 in January, 2018.

Paper Presentation in National / International Conferences

1. **Ms. R. Naveena Bhargavi**, and **Mr. P. Rajesh Kumar** Assoc. Profs of EEE Dept. presented a paper on “**Role of Performance Metrics to Identify the Gaps in Solar PV Power Generation**”, in the 4th IEEE International Conference on Electrical Energy Systems (ICEES-2018) organized by SSN college of Engineering, Chennai, from 7- 9 February, 2018.

Participation in National / International / Conferences / Seminars / Workshops

1. **Mr. R. Harshavardhan**, Asst. Prof of EEE Dept. participated in a Faculty Development Programme on “**MOOCS & OERs**” (Technology enabled Teaching, Learning and Assessment with Educational Technology Tools, Open Educational Resources and Moodle MOOC Platform) conducted by JNTU Hyderabad, from 5-7 January 2018.
2. **Dr. S. Venkateswarlu**, Professor & HOD of EEE Dept. and **Dr. G. Sreelakshmi** Professor of EEE Dept. participated in a 5 day GIAN course on “**Power Conditioning on PV systems**”, at NIT Warangal from 1- 5 January, 2018.

Workshops/Conferences Organized:

TECHNICAL FEST – “FUERZA’18”

As part of the student technical association Electrocruise, Department of Electrical and Electronics Engineering organized an inter college technical fest for aspirants from various engineering colleges with a very high competitive spirit to participate in this event.

With the funding provided by the college, **FUERZA’18** was organized with great enthusiasm and determination of the student coordinators, student volunteers and faculty coordinators on 10 January, 2018. It provided the platform for the students to showcase their talent. The event was very successful and could attract as many as 465 registrations in one day, including all the events.

The fest comprised of 11 events consisting of 3 Technical events and 8 Non- Technical events, planned and organized keeping the highest quality standards in mind. The Technical events conducted were Paper Presentation, Project Expo, Poster Presentation and the Non-Technical events were Electro Riddle, Fun from Junk, Friendship Meter, Tasky Ludo, Selfie Kecho, Beg-Borrow-Steal, CVRite Alchemy and Mini-militia.

The number of participants in the various events was as follows:

Technical Events	No of Participants
Paper Presentation	20 Teams
Project Expo	08 Teams
Poster Presentation	06 Teams
Non-Technical Events	No of Participants
Electro Riddle	70
Fun from Junk	100
Friendship Meter	168
Tasky Ludo	200
Selfie Kecho	120
Beg Borrow Steal	50
Cvrite Alchemy	41
Mini-militia	106

Many innovative ideas were dealt with in various papers and problem statements from various colleges like Sri Indu, Guru Nanak, Shreyas along with CVRCE found solutions. A small valedictory function was conducted and the winners were encouraged with cash prizes for Technical events.

Event Name	Paper presentation	Project Expo	Poster Presentation
1 st prize	750/-	750/-	750/-
2 nd prize	500/-	500/-	500/-
3 rd prize	250/-	250/-	-

The department was proud to organize such a successful event with the consistent support and guidance of the management in all respects.



Students in the Fest



Students Receiving Prize



Valedictory Function

International Women's Day

Dr. G. Sree Lakshmi, Professor, EEE Department, Chairperson of IEEE WIE AG organized an IEEE Hyderabad Section WIE Affinity Group Event in connection with “**International Women's Day**” at CVR College of Engineering on 14 March, 2018. The Chief Guest for the event was **Dr. Rajashree Bothale** from NRSC, Hyderabad, Dr. K S .Nayanathara Principal, CVRCE, Guests of Honor **Dr. Sonali Khedkar** from **Art of Living, Hyderabad**, **Ms Rani Narisetty**, Technology Manager, American Bank, **Ms. Bala Latha Mallavarapu**, IAS Academy and **Ms. Poojitha Vasagiri** Secretary WIE Hyderabad Section graced the occasion and motivated all the faculty and the students.



Dignitaries on the Dais

Industrial Visits:

- III EEE-A students visited Visage Steel Plant from 26 - 28 February 2018. 4 faculty members from EEE department i.e., Ms. G. Sree Lakshmi, Professor, Mr. K. S. V. Phani Kumar, Ms. G. Divya, Ms. G. Sravani all Assistant Profs of the department, accompanied students during this visit .
- **Ms. K. Deepika** and **Mr. M. Suresh**, Asst. Profs of EEE Dept. accompanied 88 students (38 EEE students) for an Industrial visit to Madras Atomic Power Station (MAPS) and SHAR (Sriharikota) from 5 – 7 March, 2018.

Departmental Achievement:

Dr. G. Sreelakshmi, Professor of EEE Dept. has become the Chairperson for IEEE Women in Engineering Affinity Group (WIE-AG), Hyderabad section.

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING ERUDITION OF KNOWLEDGE

Publications in National / International Conferences / Journals

1. **Mr. O. Venkata Krishna**, Assoc. Professor of EIE Dept. published a paper on “**Design and Implementation of Block Based Transpose Form FIR Filter**”, in the International Journal of Computer Application, Vol.1, Issue 8, in January, 2018.

Paper Presentation in National / International Conferences

1. **Dr. Santosh Kumar Sahoo**, Assoc. Prof of EIE Dept. published a paper on “**Optimization of Dynamic Issues for Efficient Inspection through MVI System**”, in the International Journal of Creative Research Thoughts (IJCRT), Vol. 6, Issue 1 in March, 2018.

Participation in National / International / Conferences / Seminars / Workshops

1. **Mr. P. Choudesh Varma**, Asst. Professor of EIE Dept. and Coordinator of ISTE participated in a technical talk on “**Information Security Educational Awareness(ISEA)**”, at CVR College of Engineering on 25 January, 2018.
2. **Dr. Santosh Kumar Sahoo**, Assoc. Prof, **Mr. V. Sreelatha Reddy**, **Ms. R. Prameela Devi**, and **Mr. D Shyam Prasad**, Asst. Profs of EIE Dept. participated in a AICTE sponsored 2 day seminar on “**Hands on Embedded System Design using Arduino**”, organized by ECE Department of CVRCE, on 30 & 31 January, 2018.
3. **Ms. S. Harivardhagini**, **Mr. O. Venkata Krishna**, Assoc. Profs, **Mr. P. Choudesh Varma**, **Mr. K Uday**, **Mr. C. Pramod Kumar** and **Mr. G Venkateswarlu** Asst. Profs of EIE Dept. participated in a Guest Lecture on the topic ‘**IIOT and it’s Applications, Job Opportunities**’, conducted under ISTE Student Forum activity in CVR College Of Engineering on 7 February, 2018.
4. **Dr. B. Narendra Mustare**, Professor, **Mr. P. Choudesh Varma**, **Mr. K Uday**, **V. Srilatha Reddy** and **C. Pramod Kumar** Asst. Profs of EIE Dept. participated in a industrial visit to the Advanced Training Institute for Electronics and Process Instrumentation (ATI-EPI) Ramanthapur, Hyderabad, along with III year students. This visit was arranged under ISTE Student Forum Activity on 8 February, 2018.

Workshops Organized

ISTE Students Activity of EIE Department:

On 25 January 2018, the ISTE Student members of II year - II Sem EIE students attended a technical talk on “Information Security Educational Awareness (ISEA)” in CVR College of Engineering. This technical talk was conducted by Department of Computer Science & Engineering in collaboration with CSI & ISTE. The resource person for this talk was Mr. Ch. Murthy from CDEAC, Hyderabad. 34 II yr students attended this technical talk.

Guest Lecture:

A Guest Lecture was conducted under ISTE Student Forum activity on 7 February, 2018 for IV yr students. **Mr. S. Gangadhara Rao Bopanna**, Co-Founder & CEO Stability Group of Companies was the Chief Guest. Dr. M.S. Bhat, Head EIE gave the welcome address. The Chief Guest was introduced by Mr. C. Pramod Kumar, Asst. Prof of EIE Department.



Mr. S. Gangadhara Rao Bopanna Delivering the Lecture

Mr. S. Gangadhara Rao Bopanna, spoke on the topic ‘IIOT and its Applications, Job Opportunities’. He explained the latest trends in Industrial Internet of Things and its Applications in the field of instrumentation like Physical Variable Measurement and Monitoring, Biomedical Instrumentation and also discussed challenges

in using Internet of Things in Industrial areas. He explained the future of IIOT and job opportunities in Automation, Supervisory Control and Data Acquisition System (SCADA), Biomedical Engineering and Telemedicine.

Industrial Visit:

An Industrial Visit was arranged under ISTE Student Forum Activity on 8 February, 2018 for III yr students. Under the Industrial Visit, III year EIE students visited the Advanced Training Institute for Electronics and Process INSTRUMENTATION (ATI-EPI) in Ramanthapur, Hyderabad.

The students visited Industrial Automation, Process Control, Microprocessors and Microcontrollers, Analytical Instrumentation, Bio Medical, and Thermal Labs. The faculty of ATI-EPI talked about: The Ladder Programming of Allen Bradley, Siemens PLC, Pneumatic and Hydraulic Process and Control including DCS, Applications of Various Transducers, Temperature Control Process, Calorimeter, Ultra Sound Equipment, X-Ray Machine and demonstrated various real time application kits.



Industrial Visit to API-EPI, Ramanthapur

Student Achievements:

As the project on “Intelligent Traffic Management System” was selected for the Grand Finale of “Smart India Hackathon 2018”, a team of 6 students attended a 36 hour event under the guidance of Mr. C. Pramode Kumar, Asst. Prof of EIE Department. The team was selected out of 43 teams that participated at Yeshwanth Rao Chavan College of Engineering, Nagpur, Maharashtra on 30 & 31 March, 2018. The project was telecast on ‘Doordarshan Sahyadri’ channel in Maharashtra on 3 April 2018 and on the National TV on 4 April 2018.

Departmental Achievement:

New Faculty Members (Life Member) ISTE (LMISTE)

In February 2018, 6 EIE faculty members enrolled for Life Membership in ISTE (LMISTE). They are:

S. No	Faculty Name	LMISTE Number
1	Ms. R. Prameela Devi	121182
2	Ms. S. Harivardhagini	121183
3	Mr. O. Venkata Krishna	121184
4	Mr. P. Choudesh Varma	121185
5	Mr. C. Pramod Kumar	121218

MITSUBISHI INDUSTRIAL AUTOMATION CENTER

Mitsubishi Industrial Automation Center is a prime highlight of the Department of EIE, CVRCE. **Mr. G. Venkateswarlu**, Asst. Professor, EIE Dept is the In-Charge of the Center. Mitsubishi Electric India Pvt Ltd announced a “National Level Automation Competition- Mitsubishi Electric Cup-3”, on 7 July, 2017. This competition mainly focused on “**Innovative Solutions for Smart Manufacturing**”, based on eco-factory concepts. Proposals were called by Mitsubishi Electric India Pvt Ltd nationwide and they received tremendous response from 164 colleges all over the country. Among these, 35 colleges were shortlisted and the results were announced on 20 September, 2017. The results were based on innovation, creativity and complexity of idea. CVRCE was one of the shortlisted teams. The final round of the competition for selection of the best project was scheduled from 16-18 February, 2018 at the premises of Nirma University, Ahmedabad. FA (Factory Automation) equipment worth around one lakh had been sponsored by Mitsubishi Electric India for the implementation of this project.



Mitsubishi Electric Cup- Bronze Trophy Winners

Final mega competition was held on 17 & 18 February, 2018 at Institute of Technology, Nirma University Ahmedabad- Gujarat, India. The team from CVRCE was judged by an eminent panel of seven judges at the level of CEOs and R&D Heads of different companies from both India and abroad. The college was declared winner of the Bronze Trophy with Rs. 50,000/- cash prize. Every team member received medals.

To add more glory to our college, **Prof. P. S. V. Natraj**, System and Control Engineering Department, IIT Mumbai offered to collaborate with CVRCE. He said that IIT Mumbai would like to fund the “**IOT Based Centralized Water Distribution System for Metropolitan Cities**”, as this project had the potential to be a major solution to the present “Water Distribution Challenges” prevalent in our society.

Team Details

Project Title: [IOT Based Centralized Water Distribution System for Metropolitan Cities](#)

Team Name: **WDS**

Team Members:

1. G. Venkateswarlu, Asst. Professor, EIE Dept- **Project Guide**
2. Aila Sowmya, Student IV-Year EIE **Team Leader**
3. Vijaya Bhaskar, Student IV-Year EIE **Team Member**
4. Bojanapally Hema Sree, IV-Year EIE **Team Member**
5. Bhageerath_Reddy, Student IV-Year IT Team Member
6. Ananth Rachakonda, III-Year EIE Team Member

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ERUDITION OF KNOWLEDGE

Publications in National / International Conferences / Journals

1. **Ms. Suguna Mallika**, Assoc. Prof and **Ms. M. Archana**, Asst. Prof of CSE Dept. published a paper on “**Novel Proposal for Automation of Land Registrations Using Block Chain Technology**” , in IJESRT Journal on 25 January, 2018.
2. **Ms. M. Sunitha**, Assoc. Prof of CSE Dept. published a paper on “**Limited Energy Utilization Routing for Efficient Energy Optimization in Mobile Ad Hoc Networks**”, in IJENS-IJET, Vol. 17, Issue 6 in January, 2018.
3. **Ms. A. Vani Vatsala**, Professor of CSE Dept. published a paper on “**Framework for Automatic Checkpoint Generation**”, in an International Journal on Future Revolution in Computer Science & Communication Engineering, Vol.4, Issue 1 in January, 2018.
4. **Ms. T. S. P. Madhuri**, Asst. Prof of CSE Dept. published a paper on “**Mutation Testing with PIT**”, in an International Journal of Innovations & Advancement in Computer Science Vol. 7, Issue 1 in January, 2018.
5. **Dr. D. Durga Bhavani**, Professor of CSE Dept. published a paper on “**Big Data Analytics on Aadhar Card Dataset in Hadoop Eco System**”, in the International Conference on Artificial Intelligence and Cognitive Computing, AICC-2018 organized by Department of Computer Science & Engineering, MLR Institute of Technology (UGC Autonomous), Hyderabad, held on 2 & 3 February, 2018.
6. **Mr. G. Bala Krishna**, Assoc. Prof. of CSE Dept. published a paper on “**Review of N-Gram Analysis for Malware Perception in API Call Sequences**”, in the International Conference on Technical Advancements in Computer Science and Engineering organized by Malla Reddy Engineering College for Women, on 2 & 3 February, 2018.
7. **Dr. M. Jaiganesh**, Assoc. Prof of CSE Dept. published a paper on “**Secure Isolation of Cloud Consumers Legitimacy Using Fuzzy Analytical Hierarchy Process (AHP)**” , in the 3 day International Conference on Applied Analysis, Mathematical Modeling and Computing Techniques (ICA²M²CT 2018) at Gandhigram Rural Institute (Central University), Gandhigram from 15 to 17 March 2018.

Participation in National / International / Conferences / Seminars / Workshops

1. **Mr. Ch. Ram Mohan**, Assoc. Prof of CSE Dept. participated in a Faculty Development Programme on “**MOOCs and Open Educational Resources**”, at JNTUH from 5 – 8 January, 2018.

2. **Mr. R.Srishylam**, Asst Prof. of CSE Dept. participated in a Faculty Development Programme on “**Python Programming and RDBMS**”, at Vignan Bharathi Institute of Technology, Hyderabad from 29 January - 2 February , 2018.
3. **Dr. A. Vani Vatsala**, Professor of CSE Dept. participated in a Faculty Development Programme on “**Artificial Intelligence and Machine Learning**”, at Vardhaman College of Engineering from 5-10 February, 2018.
4. **Ms. Priyanka Gupta**, Asst. Prof of CSE Dept. participated in a Faculty Development Programme on “**Artificial Intelligence and Machine Learning**”, at Vardhaman College of Engineering from 5-10 February, 2018.
5. **Ms. M. Sunitha**, Assoc. Prof of CSE Dept. participated in a Faculty Development Programme on “**Android Developer Fundamentals**”, at Vignan Institute of Technology from 5 - 9 March 2018.
6. **Mr. M. Badrinarayan**, and **Dr. R. Usha Rani**, Professors of CSE Dept. participated in a workshop on “**Block Chain Technologies**” at Amrita Viswa Vidya Peetham, Coimbatore, Tamilnadu from 15 - 17 March 2018.
7. **Ms. N. Vanaja**, Assoc. Prof, **Ms. G. Swetha**, **Ms. P. Madhavi**, **Ms. Ch. Bhawani**, and **Ms. Priyanka Gupta**, Asst. Profs of CSE Dept. participated in a 2 day National Seminar on “**Internet of Things (IoT) and Data Analytics**”, at Osmania University from 23 - 24 March, 2018.
8. **Ms. M. Sunitha**, and **Ms. S. SugunaMallika**, Assoc. Profs, **Ms. M. Sathya Devi**, **Ms. Ch. Sarada**, **Ms. M. Archana**, **Mr. Naresh Babu**, **Mr. Mohammed Umar**, and **Mr. Ashwin Kumar**, Asst. Profs of CSE Dept. participated in Smart India Hackathon 2018 at various places of India on 30 & 31 March, 2018.

DEPARTMENT OF INFORMATION TECHNOLOGY
ERUDITION OF KNOWLEDGE

Publications in National / International Conferences / Journals

1. **Dr. H. N. Lakshmi**, Professor of IT Dept. published a paper on “**QoS Based Web Services Selection using a Bi-Level Model**”, in the International Journal of Computer Sciences and Engineering (IJCSE) Journal, in January, 2018.

Participation in National / International / Conferences / Seminars / Workshops

1. **Ms. G. Sunitha Rekha**, and **Ms. T. Nishitha**, Asst. Profs of IT Dept. participated in a 2 day National Seminar on “**Internet of Things (IoT) and Data Analytics**” held under TEQIP-III at the Dept. of CSE, UCE, Osmania University , Hyderabad in association with VSSUT, Burla, Odisha, on 23 & 24 March, 2018.

Workshops Organized

1. IT Department organized a 2 - day workshop on “**Machine Learning Using Python**” on 24 & 25 January, 2018 for the students. The resource persons for the workshop were **Mr. Ashay Maheshwari**, Associate Consultant, Yash Technologies, Hyderabad, **Dr. N V Ganapathi Raju**, Professor, GRIT, Hyderabad, **Dr. R. Ponnusamy**, Professor, CVRCE, **Mr. M. Srinivas**, Assistant Professor, IT Dept., CVRCE, and **Mr. D. Bhanu Mahesh**, Assistant Professor, IT Dept, CVRCE. The workshop provided hands on experience for various machine learning algorithms. The workshop had 75 registered participants.
2. The Student Technical Association of IT Department “IngenuITy” conducted a 1-day workshop on “**Entrepreneurship**” on 12 January, 2018. The resource persons for the workshop were **G. Sidharth Reddy**, Founder and MD, Prava Electronics Pvt Ltd., Professor Krishna Dutt, i²e Coordinator, CVRCE, and Dr. Vanishree Sah. The workshop had 121 registered participants.
3. IT Department organized an “**Alumni Conference – 2K18**” on 20 January, 2018. The total number of alumni who attended the conference were 18.

Guest Lectures:

IT Department organized guest lecture titled “**Cyber Security and Hacking**” on 19 February, 2018. The lecture was delivered by **Dr. Prashanth Kumar Sahoo**, Professor, SNIST.

DEPARTMENT OF MECHANICAL ENGINEERING ERUDITION OF KNOWLEDGE

Publications in National / International Conferences / Journals

1. **Mr. P. Venkata Ramana**, Assoc. Prof of Mech Dept. published a paper on “**Design and Development of Support Structure for Solar Panel Tilting Mechanism**”, in the International Journal of Nanotechnology Research And Development (IJNRD), Vol 3, Issue.3 March, 2018.
2. **Mr. Sarat Kumar Sahoo**, Asst. Prof of Mech Dept. published a paper on “**Multi Response Optimization of ND: YAG Laser Micro Drilling Characteristics of 304 Stainless Steel using Desirability Function Approach**”, in Materials Today: Proceedings in the International Conference on ‘Material Processing and Characterization’ organized by GRIET, Hyderabad on 16 & 17 March, 2018.

Participation in National / International / Conferences / Seminars /Workshops

1. **Mr. D. Ram Babu**, **Ms. J. Sruthi**, **Ms. V. Lavanya**, **Mr. C. Sai Kiran**, **Mr. Sk. Md. Shareef**, **Mr. N. Thirupathi**, **Mr. M. Rajesh**, and **Mr. M. Ravi Kumar**, Asst. Profs of Mechanical Dept. participated in a 2 day training programme on “**AutoCAD Software**”, conducted in CVR College of Engineering on 19 & 20 January, 2018.

A Training Programme on AutoCAD Software

A 2 - day training programme was conducted on “**AutoCAD software**” on 19 & 20 January, 2018 at Department of Mechanical Engineering in the CAD/CAM lab. About 12 faculty members of Mechanical Engineering Department from CVRCE attended the training program.

This training program was inaugurated by **Dr. M. Venkata Ramana**, Head of Mechanical Department who addressed the participants. The necessity for a training program for the faculty arose in the wake of the AICTE model curriculum that is being implemented, wherein most of I year engineering drawing has to be taught through AutoCAD. This training programme was coordinated by **Mr. K. Sriker**, Asst. Professor and two resource persons **Mr. Sunil Kumar** and **Mr. T. Venkatesh**. Mr. K. Sriker trained the faculty members in Scope Designing and Specialized Area Applications.



Participants in AUTO-CAD Training

Guest Lectures:

Industrial Design

Mr. K. Ram Chandar, Centre Manager, CADD Centre Training services Pvt. Ltd., Himayath Nagar, Hyderabad delivered a guest lecture on “Industrial Design” for III yr Mechanical Engineering students on 9 January 2018. This lecture was coordinated by **Dr. T. G Arul**, Assoc.Prof and assisted by **Mr. Vidyanand Kumar**, Asst. Prof of Mechanical engineering Department. He also spoke about Clay Modeling (Automotive), Reverse Engineering, Solid Modeling by different Designing Software’s, Ergonomics, Industrial Product Design and Product Development methods.



Lecture by Mr. K. Ram Chandar

Industrial Product Manufacturing

Mr. M. Sathiynaranan, Managing Partner, Sri Konark Precision Tools Pvt. Ltd., Balanagar, Hyderabad delivered a guest lecture on “Industrial Product Manufacturing” for III yr Mechanical Engineering students on 22 January, 2018. This lecture was coordinated by **Dr. T. G Arul**, Assoc. Prof and assisted by **Mr. Vidyanand Kumar**, Asst. Prof of Mechanical Department. He also talked about the Manufacturing Methods, Material Usages, Implementation of Design Methodology, Industrial Product Design and job availability in industries.



Guest Lecture by Mr. M. Sathiynaranan

Advances in Finite Element Methods

Mr. Muni Venkata Krishna, Sr. Simulation Engineer, Mayinkrish Ventures Pvt. Ltd., Hyderabad delivered a guest lecture on “Advances in Finite Element Methods” for III yr Mechanical Engineering students on 19 January, 2018 . This lecture was coordinated by **Dr. T. G Arul**, Assoc. Prof and assisted by **Mr. Vidyanand Kumar**, Asst Prof of Mechanical Engineering Department. In the lecture he spoke about engineering problem solving using Analytical Method, Experimental Method, Numerical Method, FEM, Integration Points, HYPERMESH, Types of Analysis, Different Simulation Software’s with examples and job opportunities in industries through FEM .

Additive Manufacturing

Mr. G. Venkatesh, Assistant Director, Advanced Training Institute, Vidhya Nagar, Hyderabad delivered a guest lecture on “Additive Manufacturing” for II yr Mechanical Engineering students on 16 February, 2018 . This lecture was coordinated by **Dr. T. G Arul**, Assoc. Prof and assisted by Mr. Vidyanand Kumar Asst. Prof of Mechanical Engineering Department. In the lecture he spoke about Subtractive Manufacturing, Additive Manufacturing (AM), Process of Additive Manufacturing, Additive Manufacturing Technologies, Advantages, Limitations and Application of Additive Manufacturing.



Guest Lecture by Mr.G.Venkatesh
Advantages, Limitations and Application of Additive Manufacturing.

Automobile Emission and Their Impact on Environment

Mr. Ramappa Siddi, Assistant Environmental Engineer, Telangana State Pollution Control Board, Ramachandrapuram, S. R. District, Telangana delivered a guest lecture on “Automobile Emission and Their Impact on Environment” for II yr Mechanical Engineering Students on 14 February, 2018 . This lecture was coordinated by **Dr. T. G Arul**, Assoc. Prof and assisted by **Mr. Vidyanand Kumar**, Asst. Prof of Mechanical Engineering Department. In the lecture he talked about Hazardous Waste, Improving Pollution Control Technologies, Implementation of Joint Action Plan, Industrial Waste Hazards, Pollution Control Act and different types of pollution in the industry.



Guest Lecture by Mr.Ramappa Siddi

Industrial Automation and Its Benefits to Engineer

Mr. Amit Rao, Sr. Engineer, Automation Division, Stability Tech Labs Pvt. Ltd. delivered a guest lecture on “Industrial Automation and Its Benefits to Engineer” for III yr Mechanical Engineering students on 15 February, 2018 . This lecture was coordinated by **Dr. T. G Arul**, Assoc. Prof



Guest Lecture by Mr. Amit Rao

and assisted by **Mr. Vidyanand Kumar**, Asst. Prof of Mechanical Engineering Department. In the lecture he spoke of Automation Techniques, Types of Automation, Different Automation Techniques, PLC Based Automation, PID Controller and Leading SCADA Software.

Scope of Automotive Sector

Mr. Mayank Arora, Regional Manager, Elite-Techno Groups, Jaipur delivered a guest lecture on “Scope of Automotive Sector” by Society of Automotive Engineers (SAE) for II and III yr Mechanical Engineering students on 19 February, 2018. This lecture was coordinated by **Dr. T. G Arul**, Assoc. Prof and assisted by **Mr. Vidyanand Kumar**, Asst. Prof of Mechanical Engineering Department. In the lecture he spoke of the importance of Automobile and Vehicles Static and Dynamic program. He also explained the Automation Techniques, Types of Automation, Automobile Simulating Software, Automation Techniques, Importance of SAE, and Automotive Sector Usages.



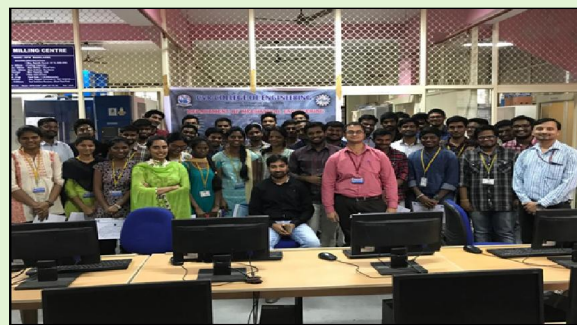
Guest Lecture by Mr. Mayank Arora

Workshops:

A Two-day workshop on “Application of FEM using ANSYS”

A two day workshop on “Application of FEM using ANSYS” was organized by Department of Mechanical Engineering on 8 & 9 February, 2018. The workshop was organized for III yr students of Mechanical Engineering Department. The main objective of this workshop was to introduce the students to the implementation of finite element procedures using ANSYS FEA software.

The workshop was formally inaugurated by **Dr. M. Venkata Ramana**, Professor and Head of the Department. During his inaugural speech, he briefly spoke about the objectives and scope of the workshop. The resource persons for the workshop were Mr. T. Venkatesh, Mr. C. Sai Kiran, Mr. Sunil Kumar, Ms. J. Sruthi and Ms. Lavanya supported by Mr. V. Rahul and Mr. K. Sriker.



Participants at Two-Day Workshop

Dr. B. K. Patle, Associate Professor awarded participation certificates to all the students. He personally congratulated every student for participating in the event and making it successful. He explained to the students the importance of learning at least one modeling and analysis package comprehensively.

DEPARTMENT OF CIVIL ENGINEERING ERUDITION OF KNOWLEDGE

Publications in National / International Conferences / Journals

1. **Mr. K. N. V Chandrasekhar**, Asst. Prof and student **Ms. N. S. S. Sahithi** published a paper on “A Step By Step Procedure to Perform Isogeometric analysis of Beam and Bar Problems in Civil Engineering Includes Sizing Optimization of A Beam”, i-Manager Journal on Structural Engineering, Vol. 6, Issue 5 in March, 2018.

2. **Mr. K. N. V Chandrasekhar**, Asst. Prof and student **Ms. N. S. S. Sahithi** published a paper on “**A Comparative Study on the Performance of Evolutionary Algorithms to Perform Isogeometric Topology Optimisation of Continuum Structures using Parallel Computing**”, in a Journal of Aerospace Engineering and Technology in March, 2018.

Guest Lectures:

1. Civil Engineering Department organized a Guest Lecture on “**Design of Comprehensive Protective Water Supply Scheme- Mission Bhagiratha**” for Civil Engineering IV & III yr students and faculty members. The Guest Lecture was delivered by **Sri Seetharam Reddy**, Executive Engineer, Rural Water Supply, Government of Telangana on 9 January, 2018.
2. Civil Engineering Department organized a Guest Lecture on “**Highway Materials Characterization**” for Civil Engineering IV & III yr students and faculty members. The Guest Lecture was delivered by **Prof. V. Vinayaka Ram**, Associate Professor, Department of Civil Engineering, Birla Institute of Technology & Science, Pilani- Hyderabad Campus on 17 January, 2018.



Industrial Visit to National Academy of Construction



Lecture in Progress

Industrial Visits:

A Report on Field Visit to National Academy of Construction, Hi-Tech City, Hyderabad

(15 February 2018)

Civil Engineering department organized a one-day industrial visit for the B. Tech II yr students to the **National Academy of Construction**, Hi-tech City, Hyderabad in the month of February, 2018. Construction is one area where technology is developing at a very fast rate. Hence one needs a proper understanding of technology and importance of proper technological training cannot be overlooked. Starting with one centre and five trades and training 150 technicians per year, NAC currently trains 1,00,000 technicians per annum across the country.

The tour started with an introduction to electrical work, sanitary work, welding and false-ceiling. Post lunch session started with bar bending techniques and the schedule preparation methods. The next session was on electrical work which included MCB (Miniature Circuit Breakers), earthing consideration and the behavior and use of copper and aluminum in electrical work. The tour ended with a session on plumbing work and brick masonry.

DEPARTMENT OF HUMANITIES AND SCIENCE

ERUDITION OF KNOWLEDGE

Publications in National / International Conferences / Journals

1. **Ms. Bhawani Balasubramaniam**, Assoc. Prof and **Ms. Richa Dheer**, Asst. Prof of English Dept. published a paper on “**Networking: An Unexplored Tool**”, in the proceedings of the 7th National Conference on “Teaching Business Communication: Trends, Challenges and Opportunities”, organized by the English Language Teaching Institute of Symbiosis (ELTIS), Pune in February, 2018.
2. **Ms. Richa Dheer**, Asst. Prof and **Ms. Bhawani Balasubramaniam**, Assoc. Prof of English Dept. published a paper on “**Trends, Challenges and Strategies for Cross Cultural Communication**”, in the proceedings of the 7th National Conference on “Teaching Business Communication: Trends, Challenges and Opportunities”, organized by the English Language Teaching Institute of Symbiosis (ELTIS), Pune in February, 2018.
3. **Mr. K Ramesh Goud**, Asst. Prof of Chemistry published a paper on “**A Click Chemistry Approach to Tetrazoles-Recent Advances**”, in a book name “**Molecular Docking**”, published by In-tech publishers in February, 2018.

Paper Presentation in National / International Conferences

1. **Ms. R. Ragalatha**, Asst. Prof in English presented a paper on “**Gender and Class Studies**”, at 62nd All India English Teachers Conference on “Globalization: Emerging Trends in English Language and Literature”, organized by OUCIP at Osmania University, from 18-20 January, 2018.
2. **Dr. Vanishree Sah**, Assoc. Prof in Management Science presented a paper on “**Investments in Mutual Funds in India**”, at a 2 day National Seminar on Contemporary Issues and Challenges in Finance, Marketing and Taxation, conducted by Dept of Commerce, Keshav Memorial Institute of Commerce and Sciences on 23 & 24 January, 2018.
3. **Dr. Jaya Verma**, Asst. Prof in English presented a paper on “**Mother Tongue as Medium of Instruction in School Education in India: Deterrent Effect on Language Attrition**”, in 2 day symposium on “Mother Tongue as Medium of Instruction in School Education in India”, organized by Center for Applied Linguistics and Translation Studies, University of Hyderabad, in collaboration with CIIL Mysore on 29 & 30 January, 2018.
4. **Dr. P. Vanishree Sah**, Assoc. Prof in Management Science presented a paper on “**Emerging Trends in Indian Banking Sector - Innovations and Inclusions**” in a 2 day National Seminar on “Emerging Trends In Indian Banking Sector-Innovations and Inclusions” organized by University Post Graduate College, Osmania University on 8 & 9 February, 2018.

5. **Ms. Lalitha**, Asst. Prof in Management Science presented a paper on **“A Study on Emerging Trends and their Impacts on Performance of Banking Industry in India”**, in a 2 day National Seminar on “Emerging Trends In Indian Banking Sector-Innovations and Inclusions” organized by University Post Graduate College, Osmania University on 8 & 9 February, 2018.
6. **Ms. R. Ragalatha**, Asst. Prof of English, presented a paper on **“Skill Development in Teacher Education”**, in the National Conference on Integration of ICT in Language Pedagogy organized by NHRD, at SLBSRSV, New Delhi held from 14 - 16 March, 2018.
7. **Ms. T. Kalpana Bharathi**, Asst. Prof of English presented and published a paper on **“How English Teachers Inculcate Communication skills through Life Skills”** in the proceedings of the 6th Annual International Conference of ELT@I (Tirupati Chapter) on “Recent Trends and Innovative Practices in Teaching English Language and Literature”, at Chadalawada Ramanamma Engineering College-Tirupathi, on 16 & 17 February, 2018.
8. **Ms. S. Shabeena Banu**, Asst. Prof of English presented and published a paper on the theme **“Multidimensional Aspects of Multimedia in English Language Teaching”** in the proceedings of 6th Annual International Conference of ELT@I (Tirupati Chapter) on “Recent Trends and Innovative Practices in Teaching English Language and Literature”, at Chadalawada Ramanamma Engineering College-Tirupathi on 16 & 17 of February, 2018.
9. **Dr. Jaya Verma**, Asst. Prof in English, presented a paper on **“Culture and Gender: A Sociolinguistic Study of Cultural Nomenclature”** in two-day National Conference on “Language and Literature in the Era of Globalization”, organized by Andhra Loyola College Vijayawada on 16 & 17 February, 2018.
10. **Dr. P. Vanishree Sah**, Assoc. Prof in Management Science presented a paper on **“Potentiality of Credit, Merchant Payments and Insurance Products for Payment Banks”**, in a 2 day National Seminar on “Indian Financial Services-A Way Ahead”, organized by Department of Commerce, University College of Commerce, Osmania University on 16 & 17 February, 2018.
11. **Ms. Lalitha**, Asst. Prof in Management Science presented a paper on **“Financial Inclusion for Rural Development in Telangana State”**, in a 2 day National Seminar on “Indian Financial Services-A Way Ahead”, organized by Department of Commerce, University College of Commerce, Osmania University on 16 & 17 February, 2018.
12. **Ms. Poornima. B. Shetty**, Asst. Prof in Physics presented a paper on **“Field Cooled and Zero Field Magnetization Studies of Li-Ni Nano Smart Materials”** and won the first prize in the 2nd National Conference on “Recent Advances in Applied Nano Materials”, at the University College of Science, Saifabad, Osmania University, Hyderabad on 16 & 17 February, 2018.

13. **Mr. G. Narender**, Asst. Prof of Mathematics, presented a paper on **“Stagnation MHD Point Flow of Nanofluid Past a Stretching Sheet with Convective Boundary Condition in the Presence of Thermal Radiation and Viscous Dissipation”**, at an International Conference on Computational Fluid and Heat Transfer, (CFFHT-2018) organized by Department of Mathematics, Osmania University, Hyderabad, on 28 & 29 March, 2018.

Participation in National / International / Conferences / Seminars / Workshops

1. **Ms. Asifa Tazeem**, and **Ms. S. Lalitha**, Asst. Profs of Management Science participated in 2 day National Seminar on **“Innovations and Entrepreneurship a Pathway for Sustainable Development of India”**, organized by Dept. of Commerce, M.V.S. Govt. Arts and Science College, Mehaboobnagar, sponsored by Indian Council of Social Science Research, on 4 & 5 January, 2018.
2. **Ms. T. Kalpana Bharathi**, and **Ms. S. Shabeena Banu**, Asst. Profs of English participated in a 3 day 62nd All India English Teachers’ International Conference on **“Globalization: Emerging Trends in English Language and Literature”**, organized by OUCIP at Osmania University held from 18-20 January, 2018.
3. **Dr. J. Ramesh Babu**, **Mr. C. Ravi Kumar**, and **Ms. Alfuns Prathiba**, Asst. Profs of Mathematics, participated in AICTE Sponsored 2 day National Seminar on **“Recent Trends in Applications of Differential Equations”**, (RTADE-2018), organized by Department of Humanities and Sciences (Mathematics), Guru Nanak Institution Technical Campus on 19 & 20 January, 2018.
4. **Dr. G. Sreedhar Sarma**, **Mr. V. RamaKrishna**, **Mr. Y. Srikanth Mahadev**, Assoc. Profs, **Dr. P. Hari Prasad**, **Mr. M. Nuthan Kumar Reddy**, **Mr. G. Narender**, **Ms. S. Indira**, Asst. Profs of Mathematics, **Ms. V. V. L. Deepthi**, and **Ms. B. N. Hima Bindu**, Asst Profs of Statistics participated in a 2 day National level workshop in **“Applied Numerical Methods, Optimization Techniques and Learning (ANMOL-18)”**, held at MVSR Engineering College on 19 & 20 January, 2018.
5. **Ms. A. Rohini**, Asst. Prof of Environmental Studies participated in a 2 day National Conference on **“Advances in Insect Vector Control and Applied Biology”**, organized by Department of Zoology, Osmania University, Hyderabad on 27 & 28 February, 2018.
6. **Ms. A. Rohini**, Asst. Prof of Environmental Studies attended 1 day National Seminar on **“Nature for Water on World Water Day”**, organized by the Department of Civil Engineering, Osmania University on 22 March, 2018.
7. **Ms. Alfuns Prathiba**, Asst. Prof of Mathematics attended an International Conference on **“Computational Fluid and Heat Transfer, (CFFHT-2018)”**, organized by Department of Mathematics, Osmania University, Hyderabad, on 28 & 29 March, 2018.

Workshops Organized

1. A one day workshop on “**Entrepreneurship**” was organized by EDC on 2 February, 2018 for B. Tech II yr students of CIVIL, Mechanical and IT Departments. The guest speakers were **Mr. C. V. Krishna**, (Consultant, Ex. General Manager of TCS), **Mr. Vijay Kumar** (Founder and CEO of Vive Info Services PVT LTD) and **Mr. Sridhar Mateti**, (Founder and CEO of Swashakthi Entrepreneurs Society). The students gave a positive feedback on the one-day workshop.
2. A three day **Entrepreneurship Awareness Camp** was organized by EDC from 15 – 17 February, 2018. The camp was sponsored by Entrepreneurship Development Institute of India. Around 148 students from B.Tech III yr and B.Tech IV yr attended the camp. The guest speakers were **Mr. Ramesh Vemuganti** (Chairman of Hyderabad Management Association and Corporate Trainer for Sales and Marketing), **Mr. S.V. Saravaran** (AGM, SBI , Hyderabad), **Mr. T.V.S. Sastry**, (Former Chairman and MD of Praga Tools and Bharath Earth Movers Ltd.), **Mr. Mr. Y. Naveen** (Black Belt on Six Sigma, Corporate Trainer), **Ms. Aruna Dasari** (Founder of Ananya Green Tech. Hyderabad), and **Ms. Revathi Thuraga**, Innovation Consultant. The students were taken on an industrial visit to National Institute for Rural Development (NIRD) on 17 February, 2018. The students gave a positive feedback on the one-day workshop.

Guest Lectures

Prof. K. Satyanaryana, Professor of Mathematics, was invited for a Guest Lecture on “**Some Conjectures in Mathematics**”, at Keshav Memorial Degree and PG College, Hyderabad on 13 March, 2018.

Achievements

Mr. P. V. S. H. Sastry, Assoc. Prof of Management Science cleared the “**Equity Research Analyst Certification**” module of NISM (National Institute of Securities Markets), the educational wing of SEBI, with 88% marks in January, 2018.

EXAM TOPPERS

Results of B.Tech III Year I Sem (15 Batch) Main Exams held in November, 2017

Academic Year 2017 – 2018

BRANCH ECE

S. No	Hallticket No	Name of the Candidate	RANK	SGPA
1	16B81A0453	BADDAM HARINI	1	10
2	16B81A04J9	GUDIMALLA SIREESHA	2	10
3	16B81A04F2	VANGARI SAI KRISHNA	3	9.88
4	16B81A04K6	YELLEPADDI SRI PRIYA VALLI	3	10

BRANCH EEE

S. No	Hallticket No	Name of the Candidate	RANK	SGPA
1	16B81A02B0	KONDAGUDURU UDAY KUMAR	1	9.88
2	16B81A0299	VUKKUSILA SREE PRANAV	2	9.88
3	16B81A0266	P RAKESH REDDY	3	9.63

BRANCH EIE

S. No	Hallticket No	Name of the Candidate	RANK	SGPA
1	16B81A1057	K VENKATA NAVEEN	1	9.75
2	16B81A1044	PISATI SANDEEP REDDY	2	9.88
3	16B81A1056	DIDDIGE VAISHNAVI	3	9.75

BRANCH CSE

S. No	Hallticket No	Name of the Candidate	RANK	SGPA
1	16B81A0521	ANISHA SHANKAR BALIGIDAD	1	10
2	16B81A0522	BOLLAMPALLY ANOOHYA	2	10
3	16B81A0576	GUBBA JAYDEEP	3	10

BRANCH IT

S. No	Hallticket No	Name of the Candidate	RANK	SGPA
1	16B81A1231	NARAYANA INDU	1	9.96
2	16B81A1237	MAREMANDA LIKHITHA	2	9.88
3	16B81A1255	KUNA RAASHI	3	9.88

BRANCH MECHANICAL

S. No	Hallticket No	Name of the Candidate	RANK	SGPA
1	16B81A03M1	DANGUDUBIYYAM UMA KOUSALYA	1	9.83
2	16B81A03L8	KETHAVATH TEJASVI SANJAY	2	9.67
3	16B81A03D7	GANTLA SABITHA	3	9.96

BRANCH CIVIL

S. No	Hallticket No	Name of the Candidate	RANK	SGPA
1	16B81A0136	YAMMANURU LAKSHMI SRAVYA	1	9.88
2	16B81A0128	HEMANJALI UBBANA	2	10
3	16B81A0163	GUMMUDAVELLY PRUDHVI	3	9.83

EXAM TOPPERS

Results of B. Tech I Year I Sem (17 Batch) Main Exams held in December, 2017

Academic Year 2017-2018

BRANCH ECE

S. No	Hallticket No	Name of the Candidate	RANK	SGPA
1	17B81A0483	CHARAGONDLA MANASWINI	1	10
2	17B81A04C7	KOTTALA RUTHVIK SAI	2	10
3	17B81A04M0	S SWETHA REDDY	3	9.92

BRANCH EEE

S. No	Hallticket No	Name of the Candidate	RANK	SGPA
1	17B81A0288	NIMMAPATI SREELEKHA	1	10
2	17B81A0227	YANALA HARSHITHA	2	10
3	17B81A0247	M R NIHARIKA	3	9.92

BRANCH EIE

S. No	Hallticket No	Name of the Candidate	RANK	SGPA
1	17B81A1038	NANDIGAMA SAI CHANDANA	1	10
2	17B81A1003	PEDDAKONREDDY AMARNATH REDDY	2	9.88
3	17B81A1008	BRIJESH MANTRI	3	10

BRANCH CSE

S. No	Hallticket No	Name of the Candidate	RANK	SGPA
1	17B81A0576	JEENAL JAIN	1	10
2	17B81A05W0	CHAVVA YOJITHA SAI LAKSHMI	1	10
3	17B81A0570	NOOLI HARSHITHA	2	10
4	17B81A05Q5	T SHREYA TARA	2	9.83
5	17B81A05B9	NAGA JAHNAVI KOMMAREDDY	3	10

BRANCH IT

S. No	Hallticket No	Name of the Candidate	RANK	SGPA
1	17B81A12A6	R TEJASWINI	1	9.67
2	17B81A1291	SHRADDHA PATALAY	2	9.88
3	17B81A1292	KARUKONDA SHRITHA	3	9.83

BRANCH MECHANICAL

S. No	Hallticket No	Name of the Candidate	RANK	SGPA
1	17B81A0336	KAVULURU DEVA MOUKTHIKA	1	10
2	17B81A0357	CHAMARTHI KAVYA	2	10
3	17B81A03N6	VENKATA KOWSHIK KATRADA	3	9.83

BRANCH CIVIL

S. No	Hallticket No	Name of the Candidate	RANK	SGPA
1	17B81A0174	CHAMUTURI SAI SATYA PRASANTH	1	9.83
2	17B81A01A4	MADGULA VAMSHI	2	10
3	17B81A01C0	MITTAPALLY YASHWANTH GOUD	3	9.88

CIENCIA '18





Blood Donation Camp-NSS



Health Camp In Pocharam Village

International Mother Tongue Day



PEGA UAP MOU



Inauguration of CVR SQUARE

