

# CVR COLLEGE OF ENGINEERING

*(An Autonomous Institution)*

*In Pursuit of Excellence...*



# Aegle Vista '18

Vol. 18

October – December 2018

Issue. 4

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## ENGINEERING PREMIER LEAGUE





## EDITORIAL MESSAGE

Dear Readers,

Welcome to the Vol. 18, Issue. 4 of the Aegle Vista covering activities in the college from October to December '18. Life in the college in this quarter has revolved around academics. Intense learning, assessment and semester end examinations have dominated the atmosphere on the campus. While academics occupied center stage, the college was focused on adding infrastructure to provide better amenities to the students. Apart from the boy's hostel, the college has now added a girl's hostel, to provide a safe environment for girl students from outside Hyderabad, on popular requests from the parents. The hostel provides a safe environment for these students and they can concentrate on their studies exclusively, without loss of energy and time on commuting to and fro from the college.

The college celebrated National Education Day on 11 November, 2018 to commemorate the birth anniversary of Maulana Abul Kalam Azad. An Essay writing competition and a Quiz competition were conducted on that day, in which many students participated enthusiastically.

Many departments held guest lectures and workshops for their students, while some of them took their students on industrial and field visits to provide them with real time exposure in their respective fields. All in all, the last three months were a focused effort on 'learning', for both the students and the faculty members, with everyone scurrying around busy with academic work.

The next quarter promises to be busier with major events lined up in it, like the Technical Fest of CVRCE 'Ciencia-19', which begins with a 5k Run and a Flash Mob and sees other academic pursuits like paper presentations and technical and non technical events being hosted with great passion.

Keep following us on Aegle Vista for more.

Happy reading!!

## **NATIONAL EDUCATION DAY**

MHRD, Government of India, New Delhi proposed to observe 11<sup>th</sup> November 2018, the birth anniversary of Maulana Abul Kalam Azad as National Education Day for all the AICTE approved institutes/ technical colleges. To commemorate the great freedom fighter and eminent educationist, CVR College of Engineering organized Essay Writing competition and Quiz Competition for B. Tech students on 10 November, 2018. Around 160 students enthusiastically participated in the competitions. Ms. K. Meghana and Ms. A. Pranaya from I year CSE- C won the first prize in Quiz competition and Mr. Pranav and Mr. K. Srujan from Civil B won the second prize. Ms. Nupur Kumari from I year EEE B bagged the first prize in Essay Writing competition and Mr. Shiva Kumar from EEE B stood second in the same competition. The Principal Ms. Nayanthara K.S. and the Vice Principal L.C. Siva Reddy handed over the cash prize of Rs. 5000/- to the winners. They appreciated the students for their active participation and encouraged them to maintain the same spirit.

## **GIRLS' HOSTEL IN CVR COLLEGE**

CVR College of Engineering has a spacious girls' hostel within the campus. Situated in a pristine environment, the hostel is conducive to students to concentrate on studies. Health and safety are paramount in CVR College.

There are two floors functioning now and two more floors are under construction. Each floor has 24 rooms and 16 washrooms. There are 34 spacious and well-equipped rooms for students. Emphasis is laid on hygiene.

There are 102 students, out of which 97 are from B.Tech I year, 2 from B.Tech II year, 2 from M.Tech I year and 1 from M.Tech II year. Students are taken care of by an experienced warden.

- Each student is provided with a cot, study table and a steel almirah.
- State of the art kitchen with a spacious attached dining hall caters to the tastes of the students.
- Fresh and nutritious food is served.
- Bathrooms and corridors are hygienically maintained.
- Separate wash area is provided for laundry.
- Aqua-guard and coolers are installed to provide pure drinking water.

- Solar water heaters are used to supply hot water.
- Silent generator is installed for uninterrupted power supply.
- The hostel is Wi-fi enabled.
- Indoor games like Carroms and Chess are available.
- Television is provided in the dining hall.
- Security guards are there round the clock in the hostels. Security is further beefed up with CCTV cameras in the hostel. Proper procedure is followed for issuing of Out-Passes or for allowing visitors to the hostel.
- Some of the senior teaching staff of the college address the academic and personal problems of the hostel students.

The overall ambience of the hostel provides an environment similar to home to make the students comfortable.

### **NEW RECRUITMENTS**

**CVRCE welcomes the following faculty members, who joined the college between October - December, 2018.**

| S. No | Name of the faculty         | Designation | Dept | D.O.J      |
|-------|-----------------------------|-------------|------|------------|
| 1     | Dr. G. Sasi                 | Professor   | ECE  | 11/10/2018 |
| 2     | Dr. I. Raghu                | Asst. Prof  | ECE  | 11/10/2018 |
| 3     | Dr. Lakshmi Swarupa Malladi | Professor   | EEE  | 11/10/2018 |

### **FACULTY MEMBERS RELIEVED**

**The following faculty members have taken relief from the services of the college during October – December, 2018.**

| S. No | Name of the faculty | Designation | Dept  | Relieved on |
|-------|---------------------|-------------|-------|-------------|
| 1.    | Ms. Nikitha Singh   | Asst. Prof  | ECE   | 13/10/2018  |
| 2.    | Mr. R. Tirumala     | Asst. Prof  | H & S | 30/11/2018  |
| 3.    | Mr. K. Srikar       | Asst. Prof  | Mech  | 15/12/2018  |
| 4.    | Mr. K. Rajesh       | Asst. Prof  | H & S | 31/12/2018  |

## PROMOTIONS

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

| S. No | Name of the faculty   | Promoted as | Dept | Date w.e.f. |
|-------|-----------------------|-------------|------|-------------|
| 1.    | Dr. S. Harivardhagini | Professor   | EIE  | 3.10.2018   |

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### ERUDITION OF KNOWLEDGE

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

1. **Ms. P. Hema Sree**, Assoc. Prof of ECE Dept. published a paper on “**A Robust Face Recognition for Blurred Images with Iterative Graph Based Restoration using Linear Collaborative Discriminant Regression Classification (LCDRC)**”, in ARPN Journal of Engineering and Applied Sciences (Scopus Indexed), Vol.13, on 22 November, 2018.
2. **Dr. G. Sasi**, Professor of ECE Dept. published a paper on “**Revisiting Computer Networking Protocols by Wireless Sniffing on Brain Signal/Image Portals**”, in the Neural Computing and Applications, Springer Journal (SCI indexed), as a first online article, on 29 November, 2018.
3. **Ms. A. Malleswari**, Asst. Prof of ECE Dept. published a paper on “**Walsh Hadamard Pre-coded Circular Filter Bank Multicarrier Communication**”, in the International Journal of Research in Electronics and Computer Engineering (UGC Approved), Vol.6, in December, 2018.
4. **Ms. V. Silpa kesav**, Asst. Prof of ECE Dept. published a paper on “**A Low Offset Low Power Dynamic Latch Comparator for SAR ADC using 45nm CMOS Technology**”, in IJEE (UGC Journal), Vol.10, in December, 2018.
5. **Ms. V. Silpa kesav**, Asst. Prof of ECE Dept. published a paper on “**High Performance ALU Using Carry Look-ahead Adder**”, in the CVR Journal of Science and Technology, Vol.15, in December, 2018.
6. **Dr. Srikanth Itapu**, Asst. Prof of ECE Dept. published a paper on “**A Computational Study on the Variation of Bandgap Due to Native Defects in Non-Stoichiometric NiO and Pd, Pt Doping in Stoichiometric NiO**”, in MDPI Journal of Condensed Matter, Vol. 3, in December, 2018.

7. **Mr. B. Janardhana Rao**, Assoc. Prof of ECE Dept. published a paper on “**Implementation of Image Processing Techniques using LabVIEW and MATLAB**”, in the CVR Journal of Science and Technology, Vol. 15, in December, 2018.

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

1. **Dr. Amit Arora**, Assoc. Prof of ECE Dept. participated in a 3 day faculty development programme on “**Hands on Experience with PLC & HMI – Mitsubishi FA Learning Set UP**”, held at CVRCE, Hyderabad, from 29– 31 October, 2018.
2. **Ms. T Padmavathi**, Sr. Asst. Prof of ECE Dept. participated in a 12 week NPTEL Course on “**Principles of Signal Estimation on MIMO/OFDM Wireless Communications**”, from 28 July - 28 October, 2018.
3. **Dr. Amit Arora**, Assoc. Prof of ECE Dept. participated in a 5 day workshop on “**Web Engineering**”, held at CVRCE, Hyderabad from 12 – 16 November, 2018.
4. **Dr. Srikanth Itapu**, Asst. Prof. of ECE Dept. participated in a 1 day workshop on “**Recent Advances in Cognitive Radio and Software Defined Radio**”, held in the Dept. of ECE, Osmania University in collaboration with IEEE Hyderabad Section, OU, Hyderabad, on 29 December, 2018.

#### Dean, Research, Dr. Lal Kishore Attends the Following Events:

1. **Prof. K. Lal Kishore, Dean Research**, delivered key note address on “**Recent Advances in Biomedical Instrumentation and its Impact on Mankind**”, in the seminar conducted by EIE Dept. of CVR College of Engineering from 1 - 3 November, 2018.
2. **Prof. K. Lal Kishore**, was appointed as a member of the Enquiry Committee constituted by the Govt. of Andhra Pradesh on Andhra University, Visakhapatnam. In this connection, he participated in the Enquiry Committee meetings from 2 - 4 November, 2018 at Visakhapatnam, on 11 November, 2018 at Hyderabad, and from 16 - 18 November, 2018 at Visakhapatnam.

3. **Prof. K. Lal Kishore** participated in a meeting of the committee constituted by the Govt. of A.P, in Andhra University, Visakhapatnam, on 3 December, 2018. He also participated in the meetings of the committee from 7 - 9 December, 2018.
4. **Prof. K. Lal Kishore** delivered a talk on research methodology in a 2 day work shop conducted by “Malla Reddy Engineering College”, for teachers pursuing Ph. D program on 4 December, 2018.
5. **Prof. K. Lal Kishore**, was honored by the Alumni of “STVN Hindu High School”, Pentapadu, Tadepalligudem, in connection with the Centenary celebrations of the school, by the batch of 1985 on 30 December, 2018.

#### Guest Lecture:

1. **Dr. K. Yedukondalu**, Professor of ECE Dept. delivered a guest lecture on ”**How to Publish Your Research Work**”, in a 1 day workshop for Women Engineers on “Research and Start-Up Opportunities for Women”, at Vaagdevi Group of Engineering Colleges, Warangal, organized by IEEE Women in Engineering Affinity Group, Hyderabad, on 1 December, 2018.
2. **Mr. R. Ganesh**, Assoc. Prof of ECE Dept. delivered a talk on “**ASIC Design using Cadence Tools (Theory & Practice)**”, as part of a 1 week Faculty Development Program on “Advances in VLSI - Hands-on Experience”, conducted by CMR College of Engineering & Technology, Hyderabad, on 21 December, 2018.

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### ERUDITION OF KNOWLEDGE

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

1. **Dr. K. Shashidhar Reddy**, Professor and **Mr. P. Rajesh Kumar**, Assoc. Prof of EEE Dept. published a paper on “**Temperature Effect on the Performance Metrics of Grid Tied SPV Plant**”, in a Scopus indexed International Journal on “International Journal of Engineering Research and Technology”, in October, 2018.



2. **Dr. R. Vijay**, Assoc. Prof of EEE Dept. published a paper on **“Elephant Herding Optimization for Optimum Allocation of Electrical Distributed Generation on Distributed Power Networks”**, in an International Journal titled **“Asian Journal of Electrical Sciences”**, Vol.7, in December, 2018.

#### Paper Presentation in National / International Conferences

1. **Ms. K. Deepika**, Asst. Prof of EEE Dept. presented a paper on **“A Review On Synergies Between Electric Vehicles And Renewable Energy Sources In Smart Grid”**, in a 2 day National Conference on **“Eco-friendly Innovations and Design Challenges in Electrical Engineering”**, held at CVR College of Engineering on 9 & 10 November, 2018.
2. **Ms. G. Sravani**, and **Ms. G. Divya**, Asst. Profs of EEE Dept. presented a paper on **“V2G Transfer of Energy from PEV Batteries”**, in a 2 day National Conference on **“Eco-friendly Innovations and Design Challenges in Electrical Engineering”**, held at CVR College of Engineering on 9 & 10 November, 2018.

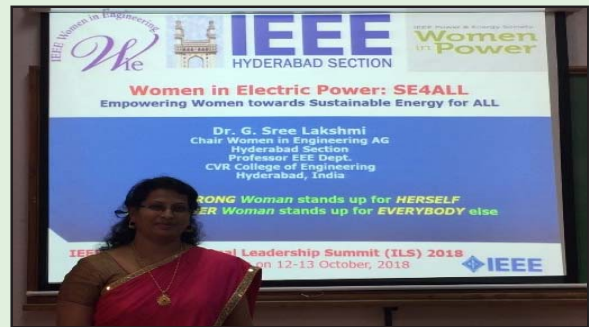
#### Participation in National / International / Conferences / Seminars / Workshops

1. **Ms. K. Deepika**, **Ms. M. Rajitha**, and **Mr. T. Murali Krishna** Asst. Profs of EEE Dept. participated in a 3 day Faculty Development Program on **“Hands on Experience in PLC & HMI - Mitsubishi FA Learning Set Up”**, conducted by the EIE Dept. CVRCE along with Mitsubishi Electric India Pvt. Ltd. from 29 - 31 October, 2018.
2. **Ms. Ch. Shravani**, and **Ms. V. Sarada**, Asst. Profs of EEE Dept. participated in a 5 day short term course on **“Power Electronics Applications in Power Quality, Drives and Renewable Energy Systems”**, organized by the Department of Electrical Engineering, NIT, A.P from 21 - 25 December, 2018.

#### Guest Lecture

1. **Dr. R. Vijay**, Assoc. Prof of EEE Dept. delivered a motivational speech on **“Easy Ways of Learning Engineering”**, at the Youth Bharath Program - All India Radio Chennai, on 24 October, 2018.

2. **Dr. G. Sree Lakshmi**, Professor of EEE Dept. was invited as a Speaker at the “**IEEE WIE International Leadership Summit (ILS) 2018**”, at Dhaka, Bangladesh. She presented a video from India on “**Women in Electric Power: Sustainable Energy for All**”, at IEEE WIE ILS Bangladesh, on 12 & 13 October, 2018.



Dr. Lakshmi Delivering the Talk

3. **Mr. K. S. V. Phani Kumar**, Asst. Prof of EEE Dept. delivered a guest lecture on “**MATLAB**”, in a Faculty Development Program conducted by Sreenidhi Institute of Science and Technology, on 19 December, 2018.

### Workshops Organized

1. **Dr. G. Sree Lakshmi**, Professor of EEE Dept. organized a 2 day workshop on “**Leadership Opportunities for Professional Women**”, as a part of IEEE Women in Engineering Affinity Group, Hyderabad Section in association with WIE Guntur Bay Sub Section, at Efftronics Systems, Vijayawada, on **27 & 28 October, 2018**.

2. The Department of EEE organized a 2 day conference on “**Eco-Friendly Innovations & Design Challenges in Electrical Engineering (EFIDC-2018)**,” in association with ISTE for academicians, research scholars, delegates from the industry and post graduate students at CVR College of Engineering, on 9 & 10 November, 2018.



Participants in the Conference

3. **Dr. G. Sreelakshmi**, Professor of EEE Dept. organized a 2 day workshop on “**Leadership Challenges for Professional Women**”, as a part of IEEE Women in Engineering Affinity Group, Hyderabad Section in association with WIE Anantapur Sub Section at SVECW, Tirupati, on 16 & 17 November, 2018.

4. **Ms. K. Deepika**, and **Mr. K. S.V. Phani Kumar** Asst. Profs of EEE Dept. organized a Faculty Development Program on “**Hands on Experience of Power Electronic Circuits**”, in CVR College of Engineering, from 26- 28 November, 2018.



Participants in FDP

5. **Dr. G. Sree Lakshmi**, Professor of EEE Dept. Chair, WIE IEEE Hyderabad Section ,organized a 1 day workshop on “**Research & Start-up Opportunities for Professional Women**”, at Vaagdevi Group of Engineering Colleges, Warangal, on 1 December, 2018.



Workshop at Vaagdevi Engineering College

6. **Dr. G. Sree Lakshmi**, Professor of EEE Dept. Chair, WIE IEEE Hyderabad Section, organized a 1 day workshop on “**Leadership Challenges for Professional Women**”, at the Hotel Plaza, Begumpet, Hyderabad, on 16 December, 2018.

7. **Dr. G. Sree Lakshmi**, Professor of EEE Dept. Chair, WIE IEEE Hyderabad Section, initiated a new lecture series in the memory of “**Ayyalasomayajula Lalitha**”, the first Woman Engineer in India. This was the first flagship event of WIE AG, IEEE Hyderabad Section and it was held at Hotel Plaza, Hyderabad, on 16 December, 2018.



Participants at the Flagship Event

8. **Dr. G. Sree Lakshmi**, Professor EEE Department, CVRCE, Hyderabad, Chair, Women in Engineering Affinity Group, IEEE Hyderabad Section, was part of the organizing committee of “**InCAP2018**” Women in Engineering (WIE) special session at Hyderabad International Convention Center (HICC), Novotel Hotel, on 18 December, 2018.

### Faculty Achievement:

**Mr. Ch. Lokeshwar Reddy**, Assoc. Prof of EEE Dept. was awarded Ph. D for his thesis on “**Investigation and Implementation of Control Strategies for Multilevel Inverters**”, on 22 December, 2018.

## DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

### ERUDITION OF KNOWLEDGE

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

1. **Dr. M.S. Bhat**, Professor & Head EIE Dept. along with Mr. Thanniru Srinivas, Ph.D. Scholar of JNTUH, and Dr. K. Rajanath, former Professor of Institute of Public Enterprises published a paper on “**Performance of Central Public Enterprises and Status of Disinvestment- A Holistic Perspective**”, in the International Journal of Latest Engineering Research and Applications in October, 2018.
2. **Mr. B. Satish Kashyap**, Assoc. Prof of EIE Dept. published a paper on “**Design and Implementation of Low Power Sigma Delta Modulator for Broadband Applications**”, in the CVR Journal of Science and Technology, Vol. 15, in December, 2018.
3. **Mr. O. Venkata Krishna**, Assoc. Prof of EIE Dept. published a paper on “**Design and Implementation of FIR Filter using Low Power and High Speed Multiplier and Adders**”, in the CVR Journal of Science and Technology, Vol. 15 in December, 2018.

#### Paper Presentation in National / International Conferences

1. **Dr. Santosh Kumar Sahoo**, Assoc. Prof of EIE Dept. presented a paper on “**Artificial Intelligence based Multi-Object Inspection System**”, in the 5<sup>th</sup> International Conference on “Computational Intelligence in Data Mining (ICCIDM - 2018)”, at Veer Surendra Sai University of Technology, Burla, Odisha, on 15 & 16 December, 2018.

### Guest Lecture:

**Dr. A. Subha Kumar Reddy**, Analog IC Designer and Trainer, Veda, IIT – Hyderabad, in association with ISTE delivered a guest lecture on “**Technology Trends in VLSI and Industry Opportunities**”, on 6 October, 2018.



Participants at the Guest Lecture



## Workshops Organized

A 3 day Faculty Development Program was conducted by the Department in collaboration with **Mitsubishi Electric India Private Limited** on “**Hands on Experience in Plc & Hmi - Mitsubishi Fa Learning Set Up**”, from 29 - 31 October, 2018.

## Faculty Achievement:

1. **Dr. S. Harivardhagini**, Professor of EIE Dept. was appointed as a treasurer of IEEE-WIE-Hyderabad Section for the year 2019.
2. **Dr. Santosh Kumar Sahoo**, Assoc. Prof of EIE Dept. chaired a technical session on “**Text and Image Processing**”, in the 5<sup>th</sup> International Conference on Computational Intelligence in Data Mining (ICCIDM - 2018), at Veer Surendra Sai University of Technology, Burla, Odisha, on 15 & 16 of December, 2018.
3. **Dr. Santosh Kumar Sahoo**, Assoc. Prof of EIE Dept. got an **Outstanding Researcher Award 2018** in the field of Machine Vision by International Institute of Organized Research (I2OR), in December, 2018.

## Faculty Development Program

The Department of EIE conducted a three day faculty development program on “**Recent Advances in Biomedical Electronics Instrumentation and its impact on Mankind**”, from 1- 3 November, 2018. 26 delegates participated in the workshop of which 18 were from other colleges and 8 were in house faculty members. The workshop was inaugurated by Dr. Rameshwar Rao, Professor & Dean (Projects), CVRCE. The Chief Guest, Dr. K. S. Nayanathara, Professor & Principal, CVRCE presided over the function. DR. M. S. Bhat, . HOD, EIE Dept. welcomed the dignitaries and the participants. Dr. Narendra B Mustare, Professor took the delegates through the overview of the workshop and explained the importance of biomedical sciences in human life. Prof. S. Narayana, Dr. K. Lal Kishore Ex-VC, JNTU (K), Prof. & Dean (Research), CVRCE also graced the inaugural dais of the day. The function was attended by Deans, Associate Deans, Heads of other departments and by other participants. The inaugural function ended with vote of thanks rendered by Dr. S. Harivardhagini.

The inaugural was followed by a keynote address by Dr. K. Lal kishore, Prof. & Dean (Research), CVRCE. He gave an overview of the basics of Biomedical Instruments and their relevance to the recent advances in the biomedical field.

The first day saw **Dr. M. Malini**, Professor, Dept. of BME, UCE, Osmania University, Hyderabad as a Guest Speaker. She highlighted the importance of ultrasonic applications in medicine. She spoke about the advantages of using ultrasonic technologies in several ways in the field of medicine.

On the second day **Dr. Pratap Reddy**, Professor, Dept. of ECE, JNTU- H, delivered a lecture on “**Recent Advances in Biomedical Instrumentation**”. He explained about the several advanced instruments through case studies; several animated videos and automated technologies were demonstrated to the participants by him. The participants thoroughly enjoyed his session. **Dr. M. Venkateshwar Rao**, Professor & Head, Dept. of BME, UCE, Osmania University, Hyderabad engaged the afternoon session with his talk on “**Biosensors**”. This was an interactive session and the participants were exposed to the latest sensors available to detect several diseases.

The last day of the event started with **Dr. T. Satyasavithri**, Professor & Head, Dept. of ECE, JNTU(H) delivering a talk on “**Image Process and its Applications**”. The methods used to identify normal cells from among defective cells was explained by her. The next session was a laboratory session where hands on training was given to the participants. This enabled them to learn how to acquire Bio Signals and process them. The workshop ended with a Valedictory session and certificates were distributed to the participants.



Participants at the FDP

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

### **ERUDITION OF KNOWLEDGE**

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

1. **Dr. A. Vani Vatsala**, Professor of CSE Dept. published a chapter on “**Handling Faults in Composite Web Services**”, in the book entitled “**Web Services, Theory and Practice**”, in November, 2018.
2. **Dr. K. Venkatesh Sharma**, Professor of CSE Dept. published a paper on “**Invasive Weed Optimization and Kernel Fuzzy C-Means Based MRI Brain Tissue Segmentation**”, in an International Journal of Computer Sciences and Engineering, Vol.6, in December, 2018.
3. **Dr. R. K. Selvakumar**, Professor of CSE Dept. published a paper on “**Triple Cycle Secured Multiparty Sum Computation Protocol (3CSMC) for Privacy Preserving**”, in an International Journal of Research and Analytical Reviews (IJRAR), in December, 2018.

4. **Dr. R.K. Selvakumar**, Professor of CSE Dept. published a paper on “**Quadruple Cycle Secured Multiparty Sum Computation Protocol (QCSMC) for Privacy Preserving in Distributed Data Mining**”, in an International Journal of Applied Engineering Research, Vol. 13, in December, 2018.
5. **Dr. R. K. Selva Kumar**, Professor and **Dr. M. Jai Ganesh**, Assoc. Prof of CSE Dept. published a paper on “**Fuzzy Analytical Hierarchy Process Based Optimal Work Station Node Prediction for Large Networks**”, in the CVR Journal of Science and Technology, Vol. 15, in December, 2018.

#### Paper Presentation in National / International Conferences

1. **Dr. K. Venkatesh Sharma**, and **Mr. Mohammed Yusuf Mulge**, Professors of CSE Dept. presented a paper on “**Taguchi-Based Grey Wolf Optimization Algorithm for Task Scheduling in Cloud Environment**”, in the 3<sup>rd</sup> International Conference on Electrical, Communication, Computer Technology and Optimization Techniques (ICECCOT-2018)” at Mysore, on 14 & 15 December, 2018.

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

1. **Dr. Usha Rani**, and **Dr. Yusuf Mulge**, Professors, **Ch. Ram Mohan**, **Mr. C. Ramesh**, **Mr. Suhail Afroz**, Assoc. Profs, **Mr. R. Sathya Prakash**, **Mr. Mohammed Umar**, **Mr. V.D.S Krishna**, **Ms. K. Deepthi Reddy**, **Ms. M. Archana**, **Mr. B. Ashwin Kumar**, **Ms. A. Swathi**, **Priyanka Gupta**, **Ms. VNVLS. Swathi**, and **Mr. Md. Asif**, Asst. Profs of CSE Dept. participated in a 1 week workshop on “**Python Programming**” at CVRCE, from 5 - 10 November, 2018.
2. **Dr. M. Raghava**, and **Dr. Sesikala**, Professors, **Mr. Suhail Afroz**, Assoc. Prof, **Mr. R. Srishylam**, **Mr. M. Hanimi Reddy**, **Ms. Y. Sharada Devi**, **Ms. T.S.P. Madhuri**, **Ms. M. Sathya Devi**, **Mr. Mohammed Umar**, **Ms. B. Revathi Lavanya**, **Mr. V. D. S Krishna**, **Ms. Ch. Bhavani**, **Ms. K. Sindhuja**, **Ms. Ch. Sarada**, **Ms. V. Bhavya**, **Ms. K. Deepthi Reddy**, and **Ms. M. Archana**, Asst. Profs of CSE Dept. participated in a 1 week workshop on “**Web Engineering**”, at CVRCE, from 12 - 16 November, 2018.
3. **Mr. K. Karthik**, Asst. Prof of CSE Dept. participated in a 2 week workshop on “**Software Engineer Best Practices (JAVA)**”, conducted by EPAM System, from 12- 23 November, 2018.
4. **Dr. A. Vani Vatsala**, Professor of CSE Dept. participated in a 4 day workshop on “**Python AICTE-UKIERI Technical Leadership Development Program**”, at AICTE, New Delhi from 13- 16 November, 2018.

5. **Ms. M. Sunitha**, Assoc. Prof CSE Dept. participated in a 2 day workshop on “**MOOCs, Innovation and Technology in Education**”, at MLRIT, Hyderabad, on 29 & 30 November, 2018.
6. **Ms. M. Sathya Devi**, Asst. Prof CSE Dept. participated in a 3 day workshop on “**Machine Learning and Its Applications**”, at Vasavi College of Engineering, Hyderabad from 28 - 30 November, 2018.
7. **Dr. K. Narender Reddy**, Professor of CSE Dept. participated in a 1 day workshop on “**Greatest Time to Matter**”, at Deloitte Office, DU: The Leadership Center in India, Hyderabad, on 16 November, 2018.
8. **Dr. M. Jai Ganesh**, Assoc. Prof of CSE Dept. participated in a 2 day Refresher Course on ”**Open Source Computational Platform- SCILAB**”, organized by the Dept. of IT, CVRCE, on 14 & 15 December, 2018.

### Web Engineering FDP

A Faculty Development Programme on “Web Engineering” was organized from 12 - 16 November, 2018. 37 participants registered for the program that addressed the latest front - end technologies like Angular 2, Node JS, React JS, NoSQL. Experts from the industry **Mr. Santhosh Rechintala**, Senior Software Developer, GagriGlobal, Digital Minds, Hyderabad and **Mr. G. Avinash**, Software Developer, Mobileways, Hyderabad conducted hands on sessions on the JavaScript frameworks Angular 2 and React JS. From the academia, **Mr. Suhail Afroz** and **Mr. VDS Krishna** handled sessions on Node JS and NoSQL respectively. Web Engineering is offered as a Professional Elective to the III year students in their 2<sup>nd</sup> semester and it is useful for them to do their mini and major projects. Ms. VNVLS. Swathi, Ms. Ch. Bhavani, Ms. P. Madhavi, and Mr. B. Ashwin Kumar, Asst. Profs of CSE Dept. were the organizers under the certificate committee of the workshop.



Inaugural Function of the Workshop



Workshop in Progress



### Python Programming Workshop

The Department conducted a workshop on “Python Programming” from 5-10 November, 2018, at CVRCE, as part of its Faculty Development Program. The workshop was attended by more than 15 faculty members from the CSE department. The purpose of the workshop was to introduce the application development packages and modules available in Python. The basic language features along with execution environment details were discussed in the workshop. The event was meant to create awareness about the various problem domains, in which solutions could be provided using the Python language. The participants were expected to assist the students in their academic project development further. Ms. VNVLS. Swathi, Asst. Prof of CSE department was the organizer under the certificate committee for Python Programming.

### Faculty Achievement:

1. **Ms. S. Suguna Mallika**, Assoc. Prof of CSE Dept. reviewed and revised a book on “**Programming for Problem Solving**”, published by Cengage, in November, 2018.
2. **Mr. Suhail Afroz**, Assoc. Prof of CSE Dept. was given the best Faculty Award for Excellence in the training he offered to the students on PEGA Technology for two consecutive batches in 2017 and 2018, in November, 2018.
3. **Dr. K. Venkatesh Sharma**, Professor of CSE Dept. published a book on “**OOPS through Java**“, Research India Publications (RIP), New Delhi, India in December, 2018.
4. **Dr. Jai Ganesh**, Assoc. Prof of CSE Dept. completed an 8 weeks NPTEL AICTE -approved course on “**Cloud Computing and Distributed Systems**”, from August – October, 2018.
5. **Mr. R. Sathya Prakash**, Asst. Prof of CSE Dept. completed an 8-weeks NPTEL course on “**Database Management Systems**”, in collaboration with NPTEL-AICTE, conducted by IIT Madras from August – October, 2018.



Mr. Suhail Afroz Receiving the Award

6. **Mr. R. Sathya Prakash**, Asst. Prof. of CSE Dept. completed a 12-weeks NPTEL course on “**Switching Circuits and Logic Design**”, in collaboration with NPTEL-AICTE, conducted by IIT Madras from August – October, 2018.
7. **Ms. S. Suguna Mallika**, Assoc. Prof of CSE Dept. completed a 12 weeks NPTEL AICTE approved course on “**Software Engineering**”, from August – October, 2018.
8. **Ms. M. Archana**, Asst. Prof of CSE Dept. completed 12-weeks NPTEL-AICTE approved course on “**Block Chain Technologies**”, from August – October, 2018.

## DEPARTMENT OF INFORMATION TECHNOLOGY

### ERUDITION OF KNOWLEDGE

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

1. **Dr. Balaji. G.N**, Asst. Prof of IT Dept. published a paper on “**Segmentation of Jet Area to Quantify the Severity of Mitral Regurgitation by Color Doppler Echocardiography**”, in the International Journal of Non Communicable Diseases, Vol. 3(4), in December, 2018.

#### Paper Presentation in National / International Conferences

1. **Dr. Balaji. G.N**, Asst. of IT Dept. presented a paper on “**Computer Aided Detection and Diagnosis of Diaphyseal Femur Fracture**”, in the 3<sup>rd</sup> International Conference on Smart Computing and Informatics, organized by KIIT University, Bhubaneswar, on 22 December, 2018.
2. **Dr. Balaji. G.N**, Asst. Prof of IT Dept. presented a paper on “**Advances in Intelligent Systems and Computing**”, in Springer, Singapore in November, 2018.

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

1. **Dr. Balaji. G.N**, Asst. Prof of IT Dept. participated in a 3 day Faculty Development Program on “**Recent Advances in Biomedical Instrumentation and its Impact on Mankind**”, organized by the CVR College of Engineering, from 1 – 3 November, 2018.

2. **Dr. Balaji. G.N**, Asst. Prof of IT Dept. participated in a 1 week Faculty Development Program on “**Web Engineering**”, organized by the CVR College of Engineering, from 12-16 November, 2018.
3. **Dr. Balaji. G.N**, and **Mr. Nayani Sateesh**, Asst. Profs of IT Dept. participated in a 2 day workshop on “**AI with IBM Watson**”, organized by J-HUB, JNTU, Hyderabad on 29 & 30 November, 2018.
4. **Dr. Balaji. G.N**, Asst. Prof of IT Dept. participated in a 2 day workshop on AI/ML organized by J-HUB JNTU, Hyderabad, on 29 November & 30 December, 2018.
5. **Dr. Bipin Bihari Jayasingh**, Head and **Dr. Balaji. G. N**, Asst. Prof of IT Dept. participated in an International Conference on “**Big Data Analytics, BDA 2018**”, organized by NIT Warangal during 18– 21 December, 2018.

#### Faculty Achievement:

1. **Mr. A. Seetharam Nagesh**, Assoc. Prof of CSE Dept. was given the Best Faculty Award for Excellence in the Training he offered to the students on PEGA Technology for two consecutive batches in 2017 and 2018, in November, 2018.

#### Workshops Organized

1. IT Department organized a 2- day Refresher Course on “**Open Source Computational Platform – SCI Lab**”, on 14 & 15 December, 2018. The resource persons for the workshop were. Dr. R. K. Selva Kumar, Professor, CSE, CVRCE, Dr. G. N. Balaji and Mr. M. Srinivas, Asst. Profs, CVRCE. There were 7 practice technical sessions. 34 faculty members participated in the workshop, out of which 6 were from CSE department and 28 from the IT department.
2. IT Department student Technical Association “**IngenuITy**” organized its department level Annual Technical Fest “**TECHSASTRA-2k18**”, on 29 December, 2018. Of the 15 events, 5 were technical events and 20 were non-technical events. The event enabled the students to test their technical skills and competitiveness in extracurricular activities. 500 students participated in all the events from various departments.

## DEPARTMENT OF MECHANICAL ENGINEERING

### ERUDITION OF KNOWLEDGE

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

1. **Dr. Manjeet Kharub**, Assoc. Prof and **Mr. Sarat Kumar Sahoo**, Asst. Prof of Mechanical Engineering 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 5 (2018), in October, 2018.
2. **Mr. C. Sai Kiran**, and **Ms. J. Sruthi**, Asst. Profs of Mechanical Engineering Dept. published a paper on “**Design and Structural Analysis of Scissor Jack using ANSYS Workbench**”, in the CVR Journal of Science and Technology, Vol. 15, in December, 2018.

#### Paper Presentations in National / International Conferences

1. **Mr. Sarat Kumar Sahoo**, Asst. Prof of Mechanical Engineering Dept. presented a paper on “**Analysis of Optimization on Wire EDM Process Parameters by using GRA Methodology**”, in the International Conference on Recent Advances in Materials and Manufacturing Technologies, in MLRIT on 19 & 20 November, 2018.

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

1. **Dr. B.K Patle**, Assoc. Prof, **Mr. Neeraj Kumar Jha** and **Mr. D. Ram Babu** Asst. Profs of Mechanical Engineering Dept. participated in a 3 day workshop on “**Hands on Experience with PLC & HMI-Mitsubishi Fa Learning Set Up**”, at CVRCE from 29 - 31 October, 2018.
2. **Mr. T. Venkatesh**, **Mr. A. L. N. Arun Kumar**, **Mr. P Lava Kumar** and **Ms. P. Bhargavi**, Asst. Profs of Mechanical Engineering Dept. participated in a 1 week FDP on “**Nature and Properties of Materials**”, and qualified in the examination conducted by NPTEL-AICTE in October, 2018.
3. **Dr. M. Sowjanya**, Professor of Mechanical Engineering Dept. participated in a 3 day FDP on “**Recent Advances in Biomedical Instrumentation and Its Impact on Mankind**”, at CVR College of Engineering organized by EIE Dept. from 1 – 3 November, 2018.
4. **Ms. M. R. S. Rupa Sri** and **Ms. G. Vanya Sree**, Asst. Profs of Mechanical Engineering Dept. participated in an FDP on “**Recent Trends in Mechanical and Industrial Engineering-2018**”, at MVSR Engineering College, Hyderabad, from 10 – 14 December, 2018.



5. **Dr. B. K. Patle**, and **Mr. B. Appalaidu**, Assoc. Profs of Mechanical Engineering Dept. participated in a 2 day workshop on “**Robotics**”, in JNTU- Hyderabad from 21 – 22 December, 2018.

### Faculty Achievements

1. **Mr. Pathan Yasin**, Asst. Prof of Mechanical Engineering Dept. filed a patent which was approved on “**Jute Branches Cutting Machine**”, within India, in October, 2018.
2. **Mr. Pathan Yasin**, Asst. Prof of Mechanical Engineering Dept. filed a patent titled “**Carriage or Basket for Safe Transportation of Sensible Goods by Two-Wheelers**”, on 6 December, 2018.
3. **Mr. Pathan Yasin**, Asst. Prof of Mechanical Engineering Dept. filed a patent titled “**Aloe Vera Teeth Cutting Implement**”, on 14 December, 2018.

### Student Activities

1. **Mr. G. Sai Gowtham**, **Mr. V. Sree Pranav**, **Mr. M. Krishna Ravi Teja**, **Mr. M. Sai Vikas**, **Mr. D. Rama Krishna Chaitanya**, **Mr. V. Raman Aditya**, **Mr. B. Sai Mrudhul**, **Mr. V.V. Sai Teja**, **Mr. M. Sai Srinivas**, **Mr. D. Rohit Sai**, **Mr. M.D. Sajid** and **Mr. G. Satya Raghu Sandeep** representing the team “**Magniefficients**” of III Year Mechanical Engineering students from CVRCE, participated in the SAEINDIA, Northern Section EFFI- CYCLE 2018, hosted at Lovely Professional University, Punjab, from 9 – 13 October, 2018.
2. **M. Jasmitha**, student of IV-year Mechanical Engineering Dept. participated in a workshop on “**Automobile and IC Engine Design Workshop**”, conducted by Auto- Freak India at IIT Hyderabad, on 27 & 28 October, 2018.
3. **Mr. Akhil**, IV-year student of Mechanical Engineering Dept. published a paper on “**Frequency Analysis of Aircraft Wing using FEM**”, in the **Journal of Recent Trends in Mechanical Engineering**, in December, 2018.
4. **Ms. Pooja Kapur**, IV-year student of Mechanical Engineering Dept. got selected for internship in “**Aiila Innovations Pvt. Ltd.**”, for a period of 6 months from 5 December, 2018.
5. **Ms. T. Anudeepa**, IV-year student of Mechanical Engineering Department got selected for internship in “**Raam Group, Hyderabad**”, in December, 2018.
6. **Mr. Kunal Baruah**, **Mr. Akhil Basutkar**, IV-year students of Mechanical Engineering Dept. got selected for internship in “**ARCI**” for a period of 3 months from December, 2018.

7. Team **MAGNIEFFICIENTS** from CVR College of Engineering, participated in “SAE- NIS EFFICYCLE 2018”, from 9– 13 October, 2018. 90 teams from all over India participated in the competition. The team cleared all the rounds of the competition and stood in 30<sup>th</sup> position.

### Guest Lectures:

#### Back to Basics-Single Degree of Freedom

**Prof. R. V. S. Krishna Dutt**, Retd. General Manager, BHEL (R&D), currently engaged in EDC Center CVRCE, delivered a guest lecture on “Back to Basics-Single Degree of Freedom”, for IV-year Mechanical Engineering students on 3 October, 2018. With his wide exposure and experience at BHEL, he explained and correlated the basic concepts of Degrees of Freedom, Material Properties and Engineering Design with practical engineering situations. The lecture was coordinated by Mr. P. Srinivas Reddy, Asst. Prof of Mechanical Engineering Department.



Guest Lecture by R.V.S Krishna Dutt.

#### Research Avenues on Rapid Prototyping

A guest lecture was delivered on “Research Avenues on Rapid Prototyping”, by **Dr. Y.Ravi Kumar, NIT Warangal** on 21 December, 2018. Faculty members of the Mechanical Engineering Department attended the lecture. This Lecture focused on the importance of Rapid Prototyping, Applications of Rapid Prototyping and components displayed using Rapid Prototyping Machine. Dr. Ravi explained about Rapid Prototyping Machine and various projects which use Rapid Prototyping. This lecture was organized by Mr. P. Sreenivas Reddy, Asst. Prof of Mechanical Engineering Dept.



Guest Lecture by Dr. Y. Ravi Kumar

#### Training on BMW Cars

The luxury car brand BMW donated a BMW car engine to CVRCE in December, 2018 for purposes of training to students. A ‘Train the Trainers’ program is proposed to be organized by the company, after which the trainers will impart training on various technical aspects of the BMW engine, to undergraduate students.

## Session on Rapid Prototyping Machines

An interaction session of all the Professors of the Mechanical Engineering Department with **Prof. Y. Ravi Kumar**, NIT Warangal was conducted on 21 December, 2018. Technical features and commercial aspects of various Rapid Prototyping Machines were discussed. Prof. Y. Ravi Kumar highlighted the potential research and consultancy avenues in the area of Rapid Prototyping to the students.

## Student Fest “Eñ Torque”

Students’ of Mechanical Engineering department, “**MEKNOVATES**” organized a one day Technical Fest “Eñ Torque” on 21 December, 2018. The fest was inaugurated by **Dr. T. A. Janardhan Reddy**, Professor i/c EDC. Dr. M. Venkata Ramana, Head-MED, CVRCE and Dr. Shashidhar Kudari, Assoc. Dean, Faculty Affairs, CVRCE graced the occasion and addressed the students.

The Valedictory function of **Eñ Torque** fest was held on 21 December, 2018. **Prof. Y. Ravi Kumar**, NIT Warangal, delivered the Valedictory address. He stressed upon the importance of involvement of students in organizing such Technical Fests. Dr. K.S. Nayanathara, Principal CVRCE congratulated the Mechanical Engineering department for conducting the Technical Fest in a befitting manner. Dr. T. A. Janardhan Reddy, Professor i/c EDC, CVRCE, Dr. M. Venkata Ramana, Head-MED, CVRCE and Dr. Shashidhar Kudari, Assoc. Dean, Faculty Affairs, CVRCE appreciated the efforts of students and faculty for making the fest a success. Prof. Y. Ravi Kumar, Guest of Honor, distributed prizes to all the winners. 11 events were conducted and 842 students participated in various events. Mr. N. Uttej, President of Meknovates spoke about the salient features of the Fest. Mr.



Students Participating in the Fest



Prize Distribution

K. Aditya, Vice President of Meknovates proposed a hearty vote of thanks. This Fest was coordinated by Dr. K. Kishore Kumar, Assoc. Prof and Mr. V. Rahul, Asst.Prof of Mechanical Engineering Department.

## DEPARTMENT OF CIVIL ENGINEERING

### ERUDITION OF KNOWLEDGE

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

1. **Dr. Sasank Shekhar Hota**, Professor of Civil Engineering Dept. published a paper on “**Thermoelastic Free Vibration Response of Graphene Reinforced Laminated Composite Shells**”, in Engineering Structures, Vol. 178, in October, 2018.
2. **Mr. K.N.V. Chandrasekhar**, Asst. Prof and **Ms. NSS Sahithi**, M. Tech, student of Civil Engineering Dept. published a paper on “**Isogeometric Topology Optimisation of Continuum Structures using Evolutionary Algorithm**”, in the Journal of Applied and Computational Mechanics, in October, 2018.
3. **Dr. M.V. Seshagiri Rao**, Professor of Civil Engineering Dept. **Mr. N Ramanjaneyulu**, Asst. Prof and **Mr. K. Srigiri**, M.Tech student of CVRCE published a paper on “**Strength and Durability Studies on Light Weight Self-Compacting Concrete with LECA as Partial Replacement of Coarse Aggregate**”, in the CVR Journal of Science and Technology, Vol.15, Issue. 5, in December, 2018.
4. **Dr. T. Muralidhara Rao**, Professor of Civil Engineering Dept. and **Mr. P. Rukkun Vardhan**, M.Tech student of CVRCE published a paper on “**Elevated Temperature and Durability Studies on High Strength Concrete**”, in the CVR Journal of Science and Technology, Vol. 15, Issue. 5, in December, 2018.
5. **Dr. B. N. Malleswara Rao**, Professor of Civil Engineering Dept. published a paper on “**Geomorphological Instantaneous Unit Hydrograph (GIUH) for an Ungauged Watershed**”, in the CVR Journal of Science and Technology, Vol. 15, Issue. 5, in December, 2018.
6. **Dr. N. Muralikrishna**, Professor of Civil Engineering Dept. **Mr. R. Prashanth Kumar**, Assoc. Prof, MVSREC and **Ms. P. Alekhya**, M.Tech student of CVRCE published a paper on “**Twin Steel Helix Fiber Reinforced Concrete**”, in the CVR Journal of Science and Technology, Vol. 15, Issue. 5, in December, 2018.

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

1. **Mr. K.N.V. Chandrasekhar**, Asst. Prof of Civil Dept. participated in a short term training programme on “**Mathematical Modeling and Numerical Analysis**”, organized by the Department of Mathematics, NIT Warangal, from 9– 13 October, 2018.



2. **Dr. Sadguna Nuli**, and **Mr. A Vamshi Chaithanya**, Assoc. Profs, **Mr. K. Ravichandra Reddy**, **Mr. P. Ramakrishna**, **Ms. G. Sharanya**, and **Mr. K. Mahesh**, Asst. Profs of Civil Engineering Dept. participated in a 3 day National Workshop on “**Total Station Applications In Surveying**”, in the CVR College of Engineering, Hyderabad from 29 – 31 October, 2018.
3. **Mr. K. Mahesh**, Asst. Prof of Civil Engineering Dept. participated in a 5 Day Faculty Development Programme on “**Building Information Modelling (BIM)**”, organized by Department of Civil Engineering, GRIET, Hyderabad, from 30 November – 6 December, 2018.

### Guest Lectures:

1. Civil Engineering Association organized a guest lecture for III Year Civil Engineering students on “**Foundation Conditions for Major and Minor Irrigation Projects in Telangana & Andhra Pradesh States**”, on 31 December, 2018. The resource person **Shri K. Jagadishwar Babu**, Director, Geological Survey of India, Hyderabad shared his experience and information about the foundation, conditions and improvement methods adopted for various irrigation projects that are located in the states of Andhra Pradesh & Telangana.



Guest Lecture by Shri K. Jagadishwar Babu

2. Civil Engineering Association organized a guest lecture for II Year Civil Engineering students on “**Role of Geology for Civil Engineers**”, on 28 December, 2018. The resource person **Shri V. Srinivas Chowdary**, Director, Geological Survey of India, Hyderabad shared his experience on the different geological conditions such as Folds, Faults and different Strike and Dip conditions that occur in various Civil Engineering projects.



Guest Lecture by Shri V. Srinivas Chowdary

## Workshop Conducted:

### Total Station Applications in Surveying (TSAS-2018)

The Civil Engineering Department organized a 3 day National Workshop on “**Total Station Applications in Surveying**” from 29 – 31 October, 2018. The workshop intended to give the participants hands-on experience on the usage of Total Station . The workshop was conducted by Mr. N Ramanjaneyulu and Mr. S Praveen Asst. Profs of Civil Engineering Department.



Dr.A.Ramesh, Prof, VNRVJIET at the Workshop

## Industrial Visits:

### Visit to National Institute of Rural Development (NIRD):

The Civil Engineering Association organized a visit to the **National Institute of Rural Development (NIRD)** for the B. Tech II Year Civil Engineering students on 5 & 6 October, 2018. The visit provided the students with insights on the key issues involved in planning and development of villages and applications of civil engineering in development of rural areas.



Visit to NIRD

### A Visit to Nagarjuna Sagar Power House & Dam

The Civil Engineering Association organized a visit to **Nagarjuna Sagar Power House & Dam** on 12 October, 2018 for the B.Tech III Year Civil Engineering students. The visit gave the students an idea about the on-site working of power houses. This helps the students in co relating the theoretical concepts of fluid mechanics and hydraulic machinery with the actual working elements in a power house.



Visit to Nagarjuna Sagar Power Plant

## Student Activities

1. **Mr. D. Koushik Reddy**, B. Tech III Year student participated in a MHRD sponsored 5 day GIAN Course on “**Co-Product Recovery from Existing and Future Bio-Refineries**”, organized by the Department of Civil Engineering, NITK Suratkal from 17-21 December, 2018.
2. **Ms. Yashaswi Mahavadi and Ms. T. Preethi Bhavani**, B. Tech III Year students were declared the RUNNER’s up in a Basketball Competition held under “**Engineering Premier League-2018**”, organized by the CVR College of Engineering, Hyderabad from 21-29 December, 2018.
3. **Ms. A. Srinitha Reddy**, B. Tech III Year student was declared the RUNNER’s up in a Throw ball Competition held under “**Engineering Premier League-2018**”, organized by the CVR College of Engineering, Hyderabad from 21-29 December, 2018.
4. **Ms. Sireesha Reddy**, B. Tech III Year student participated in a Throw ball Competition held under “**Engineering Premier League-2018**”, organized by the CVR College of Engineering, Hyderabad from 21-29 December, 2018.
5. **Mr. Shaik Wasiq Numaan**, B. Tech III Year student participated as a team member in a Cricket Competition held under “**Engineering Premier League-2018**”, organized by CVR College of Engineering, Hyderabad from 21-29 December, 2018.

## Faculty Achievements:

1. **Ms. M. Jyothi**, Assoc. Prof of Civil Engineering Dept. completed an NPTEL course on “**Advanced Concrete Technology**”, in December, 2018.
2. **Mr. K. Ravi Chandra Reddy**, Asst. Prof of Civil Engineering Dept. completed an NPTEL Course on “**Integrated Waste Management for a Smart City**”, in December, 2018.
3. **Mr. K. Ravi Chandra Reddy**, Asst. Prof of Civil Engineering Dept. completed an NPTEL Course on “**Wastewater Treatment and Recycling**”, in December, 2018.

## DEPARTMENT OF HUMANITIES AND SCIENCE

### ERUDITION OF KNOWLEDGE

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

1. **Ms. V. Swapna**, Asst. Prof of Statistics published a paper on “**Volatility of Daily and Weekly Crude Oil Prices – A Statistical Perspective**”, in ISROSET-Journal (IJSRMSS), Vol. 5, Issue 5, in October, 2018.
2. **Dr. G. Sreedher Sarma**, Assoc. Prof, **Mr. G. Narender**, and **Dr. K. Govardhan**, Asst. Profs of Mathematics, published a paper on “**Viscous Dissipation And Radioactive Effects On MHD Stagnation Point Flow of Nano Fluid Past A Stretching Sheet**”, in Italian Journal of Engineering Science: TecnicaItaliana, Vol. 61+1, on 2 December, 2018.
3. **Dr. G. Sreedher Sarma**, Assoc. Prof, **Mr. G. Narender**, and **Dr. K. Govardhan**, Asst. Profs of Mathematics, published a paper on “**Radiation Effect On MHD Stagnation-Point Flow of A Nano Fluid Over An Exponentially Stretching Sheet in The Presence of Chemical Reaction**”, in the CVR Journal of Science and Technology, Vol. 15, in December, 2018.

#### Paper Presentations in National / International Conferences

1. **Mr. G. Narender**, Asst. Prof of Mathematics, presented a paper on “**The Effect of Viscous Dissipation and Chemical Reaction on the Flow of MHD Nano Fluid**”, in a 2 day International Conference on “**Nano Science & Engineering Applications**”, organized by Centre for Nano Science and Technology, Institute of Science and Technology, JNTU-H in collaboration with Centre for Advanced Material (CAM), Qatar University, from 4 - 6 October, 2018.
2. **Dr. Jaya Verma**, Asst. Prof of English, presented a paper on “**New Englishes for Native Speakers of English**”, in a National Level Conference on Recent Changes In Global Education, Literature And Social Studies organized by Anveshana Education and Research Foundation in association with Osmania University Center for International Programmes (OUCIP) on 6 October, 2018.
3. **Ms. K. Bhanu Rekha**, Assoc. Prof of English, presented a paper on “**Methodology and Materials to Suit the Changing Needs of the Learners**”, in a 2 day International Conference on Inclusive and Equitable Quality Education in ELT, organized by SSN College of Engineering in collaboration with Anna University, Chennai, on 26 & 27 October, 2018.

4. **Ms. S. Shabeena Banu**, Asst. Prof of English, presented a paper on “**Content Based Instruction and Its Impact**”, in a 2 day International Conference on Inclusive and Equitable Quality Education in ELT, organized by SSN College of Engineering in collaboration with Anna University, Chennai, on 26 & 27 October, 2018.
5. **Ms. Madhavi P**, Asst. Prof of English, presented a paper on “**English Language Teaching in Heterogeneous and Multicultural Classrooms**”, in a 2 day International Conference on Inclusive and Equitable Quality Education In ELT, organized by SSN College of Engineering, affiliated to Anna University, Chennai , on 26 & 27 October, 2018.

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

1. **Ms. B. Bhawani**, Assoc. Prof and **Ms. Richa Dheer**, Asst. Prof of English, participated in a National Level Conference on “**Recent Changes In Global Education, Literature And Social Studies**” organized by Anveshana Education and Research Foundation in association with Osmania University Center for International Programmes (OUCIP) on 6 October, 2018.
2. **Dr. P. Vanishree Sah**, Assoc. Prof of Management Science, participated in a conference on “**GDB-MSME Linkage, 2018**”, organized by Indian Chamber of Commerce, Hyderabad, on 21 December, 2018.

#### Guest Lecture:

1. **Prof. K. Satyanaryana**, Professor of Mathematics, delivered a Guest Lecture on “**Ramanujana and his Contributions**”, at St. Pious College for Women, organized by Jana Vignana Vedika, on 21 December, 2018.
2. **Prof. K. Satyanaryana**, Professor of Mathematics delivered a Guest Lecture on “**Glimpses of Ramanujan’s Life and his Works**”, in the Department of Mathematics, Osmania University, on 22 December, 2018.

#### Achievements:

1. **Mr. P.V.S.H. Sastry**, Assoc. Prof of Management Science, secured an “Elite Grade” in an 8 Week Certificate Course in “**Innovation, Business Models & Entrepreneurship**”, conducted by National Programme on Technology Enhanced Learning (NPTEL) through IIT- Roorkee with 82% marks, was adjudged as “Topper” and was in the top 2% of total candidates who appeared in the course in October, 2018.



2. **Mr. P.V.S.H. Sastry**, Assoc. Prof of Management Science, secured “Elite Grade” in an 8 Week Certificate Course in “**Consumer Psychology**”, conducted by the National Programme on Technology Enhanced Learning (NPTEL) through IIT- Guwahati with 75% marks in October, 2018.
3. **Mr. V. Suryanarayana**, Asst. Prof of Physics, secured “Elite” grade of 71 per cent in a certification examination on “**Introduction to Research**”, conducted by the National Programme on Technology Enhanced Learning (NPTEL) in October, 2018.
4. **Mr. P.V.S.H. Sastry**, Assoc. Prof of Management Sciences, passed “**Investment Adviser (Level 2) Certification Examination**”, of NISM (National Institute of Securities Markets) - Educational wing of SEBI, with 75 per cent marks in November, 2018.
5. **Mr. V. Suryanarayana**, Asst. Prof of Physics, completed a 12 week NPTEL course (July- October 2018), on “**Semiconductor Devices and Circuits**”, with consolidated score of 58% conducted by National Programme on Technology Enhanced Learning (NPTEL), in November, 2018.

## ENGINEERING PREMIER LEAGUE





## ENGINEERING PREMIER LEAGUE

