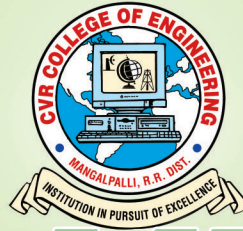


# CVR COLLEGE OF ENGINEERING

*(An Autonomous Institution)*



*In Pursuit of Excellence....*

# Aegle Vista '18

Vol. 18

April - June 2018

Issue. 2

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# GRADUATION DAY





## **EDITORIAL MESSAGE**

Dear Readers, welcome to Aegle Vista, Vol.18, Issue 2 covering the activities in the college from April to June'18. April, May and June are months that fall in the closing quarter of the academic year. Therefore all events that commemorate the year gone by and the success achieved in this period is recalled and joy that it brought, relived.

The college celebrated its Annual day on 4 April, 2018 with great enthusiasm and fanfare. The students put up a great pageant and danced and sang the day away. However the highlight of this celebration was the 'Medley Singing' and the dance number put up by the faculty members. The students were indeed surprised and overjoyed to see their teachers competing with them on their own turf.

Graduation Day, wherein the college lauds its gold medalists and graduands was celebrated on 30 June, 2018. Over a thousand students received their B. Tech degrees that day, making it the largest number of graduating students in one batch. Ms. Gurajala Tejaswini won four gold medals, commending her extra ordinary performance in her academics. The Chief Guest, Chairman, Principal and the Heads of the various departments gave away the certificates.

As the year drew to a close, examination fervor set in and the students got busy with preparing for the same. The college went on summer vacation all through the month of May, with a firm resolve to attend to its future tasks with renewed strength and energy.

Happy reading!!



## MEETING OF THE JOINT BOARD OF STUDIES

A meeting of the Joint Board of studies, CVRCE , was held on 20 June, 2016 comprising of members from the individual Board of Studies and recommended the following:

1. Academic Regulations for B.Tech/ M. Tech from the Academic Year 2018-19 onwards.
  2. Course Structure and the Syllabus recommended by the Individual Board of Studies, for B. Tech 1<sup>st</sup> year batch of students to be admitted from 2018-19 onwards.
  3. Course Structure and Syllabi for M.Tech programmes from 2018-19,
- The recommendations were in accordance with the curriculum model suggested by the AICTE.

## MEETING OF THE ACADEMIC COUNCIL

The 10<sup>th</sup> meeting of the Academic Council was held on 7 July, 2018 in CVRCE. The Council approved of the following:

1. Recommendations of the Joint Board of Studies regarding Academic Regulations of B.Tech & M. Tech (R-18) effective from the Academic Year 2018-19.
2. The recommendations of the individual Board of Studies regarding:
  - a) Course Structure and Syllabus for B. Tech of all branches ( 1<sup>st</sup> & 2<sup>nd</sup> semesters), applicable for the branches admitted from the Academic Year 2018-19.
  - b) Course Structure for B. Tech 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> Years, of all branches applicable for the batches admitted in the Academic Year 2018-19.
  - c) Course Structure and Syllabi for M. Tech programmes 2018-19:
    - i) Structural Engineering (Civil)
    - ii) Computer Science and Engineering
    - iii) a) VLSI System Design b) Embedded Systems c) Wireless & Mobile Communications (Electronics & Communication Engineering)
    - iv) Electrical Power Engineering (Electrical & Electronic Engineering)

The Council also approved three additional Open Electives under CBCS, applicable to B. Tech students of all branches, admitted from 2015-16 onwards. The open electives approved were:

1. Basics of Psychology
2. Applied Economics
3. Applied Finance

### **New M.Tech Programmes Introduced from 2018-19**

1. Artificial Intelligence offered by the CSE Department.
2. Data Science offered by the Department of Information Technology.

The new courses have been approved by the AICTE and JNTU-H.



## ANNUAL DAY 2018

The 'Annual Day' is celebrated at the close of the academic session. It provides an opportunity to assess the achievements of the students, felicitate and distribute certificates of merit to them in due recognition of their exemplary performances in different academic pursuits.

CVRCE celebrated its Annual day for the academic year 2017-18 on 4 April, 2018. The event began with lighting of the auspicious inaugural lamp and was followed by a prayer song. Principal, CVRCE Dr. K.S. Nayanathara delivered the Inaugural Address and presented the Annual Report. The report enlisted the achievements of the college in the academic year 2017- 18. Dr. C. V. Raghava, Chairman, CVRCE presided over the function. He introduced the Chief Guest

Dr. A Goverdhan as an eminent scholar with remarkable credentials who had risen up to the position of Rector, JNTU, Hyderabad. On this occasion, Dr.Raghava announced that CVR College of Engineering had been ranked second, among the private engineering colleges in the Telangana state. He said it was a moment of great pride for the college. He appreciated the efforts of the faculty, non-teaching staff and the placement cell for working relentlessly with utmost dedication, which had made the college secure this prestigious ranking.

**The Chief Guest** for the Annual Day, **Dr.A.Govardhan**, motivated the students with his inspiring speech and said that today's generation lacks patience, which if practiced will yield great results. He urged the students to understand the value of 'designing'. Just like machines need to be designed, future careers need to be planned and designed with equal meticulousness. He concluded his address with the quotation: "We know what we know, we don't know what we don't know, but our aim should be to know what we don't know"

CVR College of Engineering is known for its ability to retain its staff members. Every year the college acknowledges the dedication and loyalty of the staff who have served the Institution for a decade and more. This year also teaching and non teaching staff members were felicitated and mementos were presented to them, in recognition of their services to the college. The prizes for winners in different Sports and Cultural Competitions, conducted through the year, were given away by the dignitaries.



Inauguration by Rector-JNTUH



Felicitation of Faculty Members



Mementos to Distinguished Alumni



The Annual Day saw a huge cultural pageant performed by students of all streams of engineering. To prove that the faculty members did not lag behind in talent, the teachers and the staff of the college performed dances, skits, and sang songs, for the first time in the history of the college. The overwhelmed audience could not contain its excitement when viewing the exuberant performances of their teachers. The day ended on a happy note with a DJ Nite arranged for the students led by DJ Feroz.

## GRADUATION DAY

CVR College of Engineering celebrated its 8<sup>th</sup> Graduation day with great enthusiasm and fanfare on 30 June, 2018. The ceremony was conducted in the forenoon and afternoon sessions, to accommodate the students of the 7 branches of graduating engineering students. The programme in the forenoon session began with a prayer song after which the Principal CVRCE Dr. K. S. Nayanathara welcomed the chief guest, Dr. Anil Kumar Singh, Director, DLRL. The Chairman, Dr. Raghava Cherrabuddi CVRCE, introduced the chief guest to the gathering.

Speaking on the occasion Dr. Anil Kumar Singh said that the young techies of today are more privileged than their older counterparts because technology has improved dramatically in the last two decades and has made studying for engineering relatively easier. Students now have access to computers and information more than their previous generations ever did. He compared the graduating engineers to the soldiers that stand guard at the Siachen glacier today. Dr. Singh said that working in the high altitudes of Siachen required mental stamina and grit; similarly the field of engineering today is tough and challenging due to rapid advances technology is making and therefore it requires courageous, hardworking, intelligent and innovative engineers. While a lot of importance is being given to 'out of box' thinking, Dr. Singh emphasized that out of box thinking requires thorough in box knowledge.

He cited the example of Dr. APJ. Abdul Kalam, who said the word END does not denote the cessation of a process but can be seen as an acronym which stands for "Effort Never Dies".

The Dean, Academics, CVRCE, Dr. N.V. Rao announced the highlights of the graduating batch and said 1039 students cleared the B. Tech course this year. 96% of the students passed with a first class in the course. 344



Academic Procession Heads to the Ceremony



The Chairman Addressing the Gathering



The Chief Guest Dr. Anil Kumar Singh



students who passed the course with flying colors were girls which accounts for almost 30 % of the batch. The Principal, Dr. K.S. Nayanathara administered the oath and made the students take a vow that they would work with integrity and would dedicate their services to the nation.

The students who excelled in their academics were lauded by the college and were given gold medals by the Chief Guest. Ms. Gurajala Tejeswini bagged all the gold medals this year which was more than a hat trick. The Chairman, Principal and the Heads of the various departments gave away the certificates to the passing out batch.

The chief guest for the afternoon session of the programme was Dr. Jagannath Naik, Director, Center for High Energy Systems Services, Hyderabad. The Chairman, CVRCE, Dr. Raghava Cherrabuddi introduced Dr. Naik to the gathering. Dr. Raghava said that the batch this year was the largest batch the college has had until now and with them, the college has given society 7500 engineers, who are spread all across the world today.

Addressing the students, the chief guest Dr. Jagannath Naik said they could now relax as they were free from the pressure of studying. The college had given them a passport in the form of their B. Tech degree which they could now use to begin their journey of exploration. They could explore many options like taking up academics, employment in companies, entrepreneurship or establishing their own start ups. Dr. Naik said that there were more jobs to be had in the private sector than government jobs and students should aspire to become employers rather than remain employees all their lives.

The highlights of the batch were presented by the Dean, Academics, Dr. N.V. Rao and the pledge was administered by the Principal, Dr. K.S. Nayanathara.

The students who excelled in their academics were recognized by the college and the chief guest gave away the gold medals to them. The Chairman, Principal and the Heads of the various departments gave away the certificates to the passing out students.

The day ended with a lavish lunch hosted by the college for the graduates, their parents and the faculty and staff members to celebrate the joyous event. All in all, it was a day the students would cherish in their memories for a long time to come.



Chief Guest Dr. Jagannath Naik



Ms. Gurajala Tejaswini Awarded Gold Medal

## MANAGEMENTS' MAGNANIMITY

### AWARD WINNERS

#### Morning session

S. No	Name of the Award	Student Name & Roll No.	Branch
1.	<b>Smt. Kamala Cherrabuddi Memorial Gold Medal and Cash Award for Overall Topper of the college in B. Tech</b>	GURAJALA TEJASHWINI	ECE
2.	<b>Late Sri. M. Madan Mohan Gold Medal for the student scoring the Highest aggregate in B.Tech (ECE)</b>	GURAJALA TEJASHWINI	ECE
3.	<b>Late. Prof. P. Narasimha Reddy Gold Medal for the best girl scoring highest aggregate marks in B. Tech among all the branches</b>	GURAJALA TEJASHWINI	ECE
4.	<b>Award to topper of M.Tech among all branches (Gold Medal)</b>	K NAGARAJU	VLSI - ECE
5.	<b>Awards to the toppers scoring highest aggregate marks in each M.Tech Specialization</b>	P MOUNIKA KUNCHALA ASHOK I HEMANTHKUMAR REDDY	CSE CE- SE EEE-EPE
6.	<b>CVR College of Engineering Gold Medal for the Best Project among of all branches of B.Tech</b>	UPPALA SUPRIYA THARUN BATHULA SHIVA KRISHNA G	CSE
7.	<b>Cash Award for the best B.Tech project in the subject of VLSI Design in memory of Late Prof. RVB Chary .</b>	M.N.V.S.S. HARIKA K.P.KAVYA M. PRAVALLIKA	ECE
8.	<b>Cash Award for the best B.Tech project in each of the branches.</b>	P. HARSHAVARDHAN REDDY S. HARSHITH	CE
		SHANTANU SRIVASTAVA BANDIRALA SHIVANI KELLA VAMSEE KRISHNA	EEE
		S C V S L S RAVI KIRAN BANOTH PRAVEEN NAIK	CSE
		B. HEMASREE A. SOWMYA VIJAY BHASKAR	EIE
9.	<b>Gold Medal and Cash award to the toppers of each Branch of B.Tech (other than 1 and 2 Gold medals)</b>	CHINTHAPOOLA SRAVANTHI	CE
		KARTHIKREDDY SOLIPURAM	EEE
		VEERAMREDDY SHIRISHA	CSE
		BOJANAPALLY HEMA SREE	EIE
10.	<b>Dr. Chukka Ramaiah Gold Medal for topper in Mathematics &amp; Statistics (Mathematics-I, Mathematics-II, Computational Mathematics, Mathematics – III / Probability &amp; Statistics courses) in B.Tech</b>	GURAJALA TEJASHWINI	ECE

## AWARD WINNERS

### Afternoon session

S. No	Name of the Award	Student Name & Roll No.	Branch
1.	<b>Award to topper</b> of M.Tech among all branches (Gold Medal)	K NAGARAJU	VLSI - ECE
2.	<b>Awards to the toppers</b> scoring highest aggregate marks in each M.Tech Specialization	PALISETTI PALLAVI	ECE-ES
		SANA BANO	ECE-VLSI
		GANTA NAGARANI	ECE-WMC
3.	<b>CVR College of Engineering Gold Medal</b> for the Best Project among of all branches of B.Tech	UPPALA SUPRIYA	CSE
		THARUN BATHULA	CSE
		SHIVA KRISHNA G	CSE
4.	<b>Cash Award</b> for the best B.Tech project in the <b>subject of VLSI Design</b> in memory of Late <b>Prof. RVB Chary</b> .	M.N.V.S.S. HARIKA	ECE
		K.P.KAVYA	ECE
		M. PRAVALLIKA	ECE
5.	<b>Cash Award</b> for the best B.Tech project <b>in each of the branches.</b>	N. SAI VARMA M. SAI BHARADWAJ	ME
		V. BHANU TEJA K. DHEERAJ E. JEEVAN SAI	ECE
		RAHUL MUTHYAM BHAGEERATH REDDY N AKHIL RAJENDER	IT
6.	<b>Gold Medal and Cash award to the toppers</b> of each Branch of B.Tech (other than 1 and 2 Gold medals)	SUJEETH KINI S	ME
		K SREEVALLI	ECE
		KATAKAM SRI MAHIJA	IT
7.	<b>Dr. Chukka Ramaiah Gold Medal</b> for topper in Mathematics & Statistics (Mathematics-I, Mathematics-II, Computational Mathematics, Mathematics – III / Probability & Statistics courses) in B.Tech	GURAJALA TEJASHWINI	ECE

## NEW RECRUITMENTS

**CVRCE welcomes the following faculty members, who joined the college between April – June, 2018.**

S. No	Name of the faculty	Designation	Dept	D.O.J
1.	Dr. K. Sashidhar Reddy	Professor	ECE	08.06.2018
2.	Dr. Rakesh Kumar Godi	Assoc. Prof	CSE	18.06.2018



### FACULTY MEMBERS RELIEVED

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

S. No	Name of the faculty	Designation	Dept	Relieved on
1.	Mr. K. Ramesh Goud	Asst.Prof	Chemistry	6/4/2018
2.	Ms. N. Indira Devi	Asst.Prof	ECE	11/4/2018
3.	Mr. D. SrinivasNaik	Asst.Prof	Civil	18/4/2018
4.	Mr.K. Bapayya	Asst.Prof	ECE	26/4/2017
5.	Mr. N. Thirupathi	Asst.Prof	Mech	27/4/2018
6.	Ms. JyothiKiranmayi	Assoc.Prof	IT	28/4/2018
7.	Ms. B. Vidya Reddy	Asst.Prof	ECE	28/4/2018
8.	Ms. T. Lavanya	Asst.Prof	CSE	28/4/2018
9.	Mr. E. Sudhakar Goud	Asst.Prof	Mech	28/4/2018
10.	Dr. T. G. Arul	Assoc.Prof	Mech	28/4/2018
11.	Mr. Ragalatha( English)	Asst.Prof	H & S	28/4/2018
12.	Ms. G. Alekhya	Asst.Prof	Physics	5/5/2018
13.	Ms. P. Naga Malleswari	Asst.Prof	ECE	28/5/2018
14.	Mr. C. Ravi Kumar ( Mathematics)	Asst.Prof	H & S	31/5/2018.
15.	Mr. N. Hemanth Kumar( Physics)	Asst.Prof	H & S	31/5/2018
16.	Mr. SaiAnvesh	Asst.Prof	Civil	31/5/2018
17.	Ms. Laxmijeevani	Asst.Prof	CSE	31/5/2018
18.	Mr. E. Srikanth	Asst.Prof	Civil	11/6/2018
19.	Mr. C. Srinath	Asst.Prof	Civil	11/6/2018
20.	Mr. Sridhar Cherala	Asst. Prof.	ECE	29/6/2018
21.	Mr. Avinash Amaranayani	Asst. Prof.	CSE	30/6/2018
22.	Mr. T. Ramakrishna	Asst. Prof.	CSE	30/6/2018
23.	Ms. K. Sravanthi	Asst. Prof.	ECE	30/6/2018
24.	Mr. M. Appa Rao	Asst. Prof.	EEE	30/6/2018
25.	Mr. S. Bhargav	Asst. Prof.	IT	30/6/2018
26.	Ms. K. Anusha	Asst. Prof.	IT	30/6/2018
27.	Mr. K. Srikanth	Asst. Prof.	MECH	30/6/2018

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### ERUDITION OF KNOWLEDGE

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

1. **Dr. Gaurav Sharma**, Asst. Prof of ECE Dept. published a paper on “**Implementation of GPS based Digital Clock**”, in the IAETSD Journal for Advance Research in Applied Sciences, Vol. 5, Issue 4, in April 2018.
2. **Dr. Gaurav Sharma**, Asst. Prof of ECE Dept. published a paper on “**Classifications of Localization Algorithms in Wireless Sensor Networks**”, in the International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET), Vol. 4, No. 4, in April 2018.
3. **Dr. Vineet Kumar**, Assoc. Prof of ECE Dept. published a paper on “**Memory-Efficient Architecture of Circle Hough Transform and its FPGA Implementation for Iris Localization**”, in IET Image Processing, in June 2018.
4. **Dr. S. Selvendran**, Assoc. Prof of ECE Dept. published a paper on “**A Highly Sensitive Bezier Polygonal Hollow Core Photonic Crystal Fiber Biosensor Optik - International Journal Based on Surface Plasmon Resonance**”, in International Journal for Light and Electron Optics (Elsevier), Vol.171, in June 2018.
5. **Dr. S. Selvendran**, Assoc. Prof of ECE Dept. published a paper on “**Photonic Crystal-Based Optical Biosensor: A Brief Investigation**”, in Laser Physics (IOP Publishing) , Vol.28, Issue 6, in June 2018.

#### Paper Presentation in National / International Conferences

1. **Mr. Srinivasa Rao Perumalla** and **Mr.Yedukondalu Kamatham**, Assoc. Profs of ECE Dept. presented a paper on “**A New Sequential Skeletonization for 2-D Gray Images in Computer Vision Applications**”, in 3<sup>rd</sup> IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2018), organized by the ECE Dept. of Sri Venkateswara College of Engineering (SVCE), Bengaluru on 18 & 19 May, 2018.
2. **Mr. Srinivasa Rao Perumalla** and **Mr. Yedukondalu Kamatham**, Assoc. Profs of ECE Dept. presented a paper on “**A FPGA implementation of Skeletonization of 2-D Images**”, in 3<sup>rd</sup> IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2018) organized by the ECE Dept. of Sri Venkateswara College of Engineering (SVCE), Bengaluru on 18 & 19 May, 2018.

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

1. **Ms. Dhurva R. Rinku**, Asst. Prof of ECE Dept. participated in a 5 day Faculty Development Programme on “**Data Visualization and Machine Learning using Python**”, organized by the IT department of CVR College of Engineering from 9 - 13 April, 2018.
2. **Ms.T. Subha Sri Lakshmi**, Asst. Profs of ECE Dept. participated in a 1 day workshop on “**Virtual Labs**”, organized by IEEE Hyderabad Section in association with IIIT Hyderabad at IIIT Hyderabad on 24 April, 2018.
3. **Mr. L. Manjunath**, Assoc. Prof, **Ms. Nikita Singh**, **Ms. G. Snehalatha**, and **Ms. S. Swetha**, Asst. Profs of ECE Dept. participated in 3-day workshop on “**Practical Approach of Signal Processing and Embedded System Design through Labview**”, organized by ECE Dept, CVR College of Engineering, Hyderabad from 23 - 25 April 2018.
4. **Dr. Gaurav Shrama**, Asst. Prof of ECE Dept. participated in a 10-day Faculty Development Programme on “**Communication Skills Development**” organized by H&S Dept. of CVR College of Engineering, Hyderabad from 16 - 28 April 2018.
5. **Mr. R. Ganesh**, Assoc. Prof of ECE Dept. participated in a 1 week Faculty Development Programme on “**VLSI Design Verification & Test**”, organized by the ECE Department of NIT Warangal in association with Electronics & ICT academics of MNIT Jaipur, NIT Warangal and IIT Guwahati from 26 -30 May, 2018.
6. **Ms. A. Malleswari**, Asst. Prof of ECE Dept. participated in a 2 day workshop on “**Research Workshop**”, held at JNTUH, Hyderabad on 23 & 24 June, 2018.
7. **Ms. M. Santhoshi**, Asst. Prof of ECE Dept. participated in 1 week Faculty Development Program on “**Principles of GNSS, Applications and Research Areas**” conducted at Dept of ECE, University College of Engineering(A), Osmania University, Hyderabad from 4 – 9 June, 2018.
8. **Ms. T. Subha Sri Lakshmi**, Asst. Prof of ECE Dept. participated in a 2 day programme on “**Research Workshop**” conducted at JNTU Hyderabad, jointly organized by Department of CSE-JNTU H, IEEE Hyderabad Council, IEEE Women in Engineering, IEEE Young Professionals and IEEE Hyderabad Section on 23 & 24 June, 2018.
9. **Ms. P. Kavitha**, Assoc. Prof and **Ms. J. Jyostna**, Asst. Prof of ECE Dept. participated in a 1 week Refresher Programme on “**Recent Advances in Radar Systems for Special Applications**” organized by the ECE Dept. CVR College of Engineering and sponsored by AICTE-ISTE from 11-16 June, 2018.



## Dr. Lal Kishore Attends the Following Events:

1. **Prof. K. Lal Kishore, Dean Research**, participated as a member of the Selection Committee for the selection meeting of Vice -Chancellor, Vikrama Simhapuri University, Vijayawada Nellore, A.P on 10 May, 2018.
2. **Prof. K. Lal Kishore, Dean Research** was the Chief Guest at the 6 day AICTE- ISTE sponsored workshop on “**Pedagogical Training in outcome Based Education**” conducted by Gokaraju Rangaraju Institute of Engineering and Technology (GRIET), Bachupally, Hyderabad on 25 June, 2018.

## Workshops Organized:

### Practical Approach of Signal Processing and Embedded System Design Through labVIEW

The department of ECE conducted a 3 day workshop on “**Practical Approach of Signal Processing and Embedded System Design Through Labview**” in association with IEEE Student Branch, CVRCE from 23-25 April, 2018 at CVR College of Engineering. The resource persons for the workshop were from Embedded System Solutions (National Instruments), Hyderabad and VI Solutions (National Instruments), Bangalore.

The workshop provided the participants with hands-on training in Signal Processing and Embedded System Design Applications through LabVIEW and enhanced their knowledge in graphical programming approach. The total number of participants were 35, of which 8 were from other institutions. The Convener of the workshop was **Prof. C.V. Rao** and the coordinators were **Ms. S. Sailaja**, **Ms. M. Santhoshi**, and **Ms. J. Jyostna**, Asst. Profs of ECE Dept.

### **Refresher Programme on**

### **Recent Advances in Radar Systems for Special Applications**

The department of Electronics and Communication Engineering of CVR College of Engineering organized a one-week Refresher Programme on “**Recent Advances in Radar Systems for Special Applications**”, for the benefit of faculty of engineering colleges. The Programme



Inaugural ceremony



Participants of the Workshop

was sponsored by AICTE-ISTE, and it was held from 11-16 June, 2018. Most of the resource persons drawn for this programme were experienced scientists and engineers working in the field of Radar Systems. Participants of this programme were exposed to the recent advances, opportunities and challenges in the field of radar systems.

During the workshop an industrial visit to DLRL was also made. The programme was inaugurated by **Mr. B. RamaKrishna Reddy**, Technology Director, Radar Seekers and Systems, RCI, DRDO-Hyderabad and the valedictory of the programme was done by **Ms.G. Umadevi**, Deputy Director, Satellite Data Reception and Ingest System Area of NRSC, ISRO-Hyderabad. The co-ordinator for the workshop was the Principal, CVRCE, **Dr. K.S. Nayanathara** and the Co- coordinator was the Head, ECE Department, **Dr. K Lalithendra**.

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

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

1. **Dr. Vijay. R**, Assoc. Prof of EEE Dept. published a paper on “**Quorum Sensing Driven Bacterial Swarm Optimization to Solve Practical Dynamic Power Ecological Emission Economic Dispatch**”, in an International Journal of Computational Methods, Vol.15, Issue 3, in May, 2018.
2. **Dr. Vijay. R**, Assoc. Prof of EEE Dept. published a paper on “**Optimal and Stable Operation of Microgrid Using Enriched Biogeography Based Optimization Algorithm,**” in an International Journal of Electrical Engineering Vol.17, Issue 4 in May, 2018.
3. **Dr. G. Sree Lakshmi**, Professor of EEE Dept. published a paper on “**Seven-level Diode Clamped Inverter Fed IPMSM Drive for High Power Applications**” in International Journal of Industrial Electronics and Drives, Vol.4, No.2 in June, 2018.
4. **Dr. S. Venkateshwarlu**, Professor, **Mr. K. S. V. Phani Kumar**, **Ms. Kalluri Deepika**, Asst. Profs of EEE Dept. published a paper on “**Regulation of Frequency and Load Flow Study in A Multi-Area Power System Under Contingencies with Wind-Generation Included**”, in CVR Journal of Science and Technology, Vol 14, in June 2018.
5. **Dr. R. Vijay**, Assoc. Prof of EEE Dept. published a paper on “**Transmission Line Outage Detection and Identification by Communal Spider Optimization Algorithm**”, in CVR Journal of Science and Technology, Vol. 14, June 2018.

**Paper Presentation in National / International Conferences**

1. **Dr. S. Venkateshwarlu**, Professor of EEE Dept, **Ms. K. Deepika**, and **Mr. K.S.V. Phani Kumar**, Asst. Profs of EEE Dept. presented a paper on “**A Forecasted Cost Based Optimization Technique For Distributed Energy Resource Management In a Microgrid**”, in second International Conference on “**Recent Technological Developments in Electronics and Electrical Engineering-2018 (RTDEEE-2018)**”, held at Jaipur Engineering College and Research Centre, Jaipur, on 6 & 7April, 2018.

2. **Dr. G. Sree Lakshmi**, Professor of EEE Dept. presented a paper on **”Performance Analysis of Multi-Level Diode-Clamped Inverter fed IPMSM Drive for Electric Vehicles”**, in an International Conference on **”Innovative Smart Grid Technologies (ISGT Asia 2018)”**, sponsored by the IEEE Power & Energy Society (PES), at The [Suntec Singapore International Convention and Exhibition Centre](#) in Singapore, the world’s gateway to Southeast Asia, from 22 - 25 May, 2018.

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

1. **Dr. A.S.S. Murugan**, and **Dr. Vijay R**, Assoc. Profs of EEE Dept. participated in a 1 week National Level Faculty Development Training Program on **”Data Visualization and Machine Learning Using Python”**, conducted at CVR College of Engineering from 9 - 13 April, 2018.
2. **Dr. G. Sree Lakshmi**, Professor of EEE Dept. Chair Person for IEEE WIE AG Hyderabad section, organized and participated in a 2 day workshop on **”Research Workshop 2018”**, at JNTU College of Engineering Hyderabad organized by Department of CSE, JNTUCE, IEEE Young Professional, IEEE Indian Council in support with IEEE Women In Engineering Hyderabad on 23 and 24 June, 2018.
3. **Mr. R. Harshavardhan**, **Ms. M. Rajitha** and **Ms. K. Deepika**, Asst. Profs of EEE Dept. participated in a 2 day workshop on **”Research Workshop 2018”**, organised by IEEE Young Professional and Department of CSE, JNTUH at Jawaharlal Nehru Technological University, Hyderabad on 22 – 23 June, 2018.
4. **Dr. R. Vijay**, Assoc. Prof of EEE Dept. participated in a 5 day workshop on **”Certificate Course on Patent Search and Drafting”**, at Anna University, Chennai from 25 – 29 June, 2018.
5. **Mr. G. Manohar**, Assoc. Prof and **Mr. G. Janardhan**, Asst. Prof of EEE Dept. participated in an AICTE-ISTE sponsored induction program on **”Solar PV Systems - Design and Performance Evaluation”**, from 25 - 30 June, 2018.
6. **Ms. R. Naveena Bhargavi**, Assoc. Prof and **Ms. Ch. Shravani**, Asst. Prof of EEE Dept. participated in a 1 week FDP on **”Power Quality Analysis and Improvement Techniques”**, jointly organized by the Department of Electrical Engineering and E & ICT Academy, National Institute of Technology, Warangal from 18 – 23 June, 2018.

### Guest Lecture:

1. **Dr. Vijay R**, Assoc. Prof of EEE Dept. delivered a Guest Lecture on **”Basics of Optimization Techniques in Engineering”**, at BHEL, Trichy. The event was Co-organized by The Institution of Engineers (India), Tiruchirappalli Centre, Tamilnadu on 2 May, 2018.



## DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

### ERUDITION OF KNOWLEDGE

#### Paper Presentation in National / International Conferences

1. **Dr. Santosh Kumar Sahoo**, Assoc. Prof of EIE Dept. published a paper on “**Analysis of Water Content in Fire Resistant Hydraulic Fluids used in Coke Furnace Door Opening through Optical Wave Guide**”, in STM Journals, Vol 5, Issue 1, in May, 2018.
2. **Dr. Santosh Kumar Sahoo**, Assoc. Prof of EIE Dept. published a paper on “**Modelling of Potassium Chloride Sensor with Two Dimensional Optical Nanostructure**”, in CVR Journal of Science and Technology, Vol 14, in June 2018.
3. **Dr. Santosh Kumar Sahoo**, Assoc. Prof of EIE Dept. published a paper on “**Metamaterial Based Photonic Crystal Fiber Memory for Optical Computer**”, in Optik-International Journal for Light and Electron Optics, ( Elsevier ), Vol 171, in June, 2018.

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

1. **Dr. Santosh Kumar Sahoo**, Assoc. Prof, **Ms. Y. Divya**, **Mr. P. Choudesh Varma**, and **Mr. G. Venkateswarlu**, Asst. Profs of EIE Dept. participated in a 1 week FDP on “**Data Visualization and Machine Learning using Python**”, conducted at CVR College Of Engineering from 9-13 April, 2018.
2. **Ms. V. Sreelatha Reddy**, **Mr. G. Venkateswarlu**, **Mr. P. Choudesh Varma**, **Ms. Y. Divya**, **Ms. R. Prameela Devi**, **Mr. K. Uday**, **Mr. C. Pramod Kumar**, Asst. Profs of EIE Dept. participated in a 3 day workshop on “**Learning Real Time DAQ Concepts with NI ELVIS and my RIO for Multi-Disciplinary Engineering Applications**”, organized by EIE Dept. from 16 – 18 April, 2018.
3. **Ms. Harivardhagini**, **Mr. B. Satish** Assoc. Profs and **Mr. O. Venkata Krishna**, Assoc. Prof of EIE Dept. participated in a 1 day workshop “**MATLAB EXPO 2017**”, organized by Mathworks at Novotel, Hyderabad on 24 April, 2018.
4. **Mr. B. Satish**, Assoc. Prof and **Mr. O. Venkata Krishna**, Assoc. Prof of EIE Dept. participated in a 1 week FDP on “**VLSI Verification & Test**”, organized by the ECE Dept. of NIT Warangal in association with Electronics & ICT Academies of MNIT Jaipur, NIT Warangal and IIT Guwahti, from 26 -30 May 2018. This program was endorsed by AICTE/UGC/NBA and funded by Meity, Govt of India.

#### Workshops Organized

A 3 Day workshop on “**Learning Real Time DAQ Concepts with NI ELVIS and myRIO for Multi-Disciplinary Engineering Applications**”, was organized by EIE Dept. from 16-18 April, 2018. The coordinators for this work shop were **Ms. S. Harivardhagini** Assoc. Prof and **Ms. V. Sreelatha Reddy**, Asst. Prof of EIE Dept.

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ERUDITION OF KNOWLEDGE

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

1. **Ms. S. Suguna Mallika**, Assoc. Prof of CSE Dept. published a paper on “**Novel Session and Cookie based Mutation Operators for Servlet based Web Applications Testing**”, in IEEE International Conference on Innovative Technologies in Engineering, at Osmania University from 11 – 13 April, 2018.
2. **Ms. CH. Mamatha**, Asst. Prof of CSE Dept. published a paper on “**Implementation of DevOps Architecture in the Project Development and Deployment with Help of Tools**”, in IJSRCSE, in April, 2018.
3. **Mr. Satyanarayana Nimmala**, Assoc. Prof and **Mr. R. Sahith**, Sr. Asst. Prof of CSE Dept. published a paper on “**Influence of Anger and Anxiety In Elevating The Blood Pressure: Using Machine Learning Approaches**”, in an International Journal of Advanced Research in Computer Science, in April, 2018.
4. **Mr. Satyanarayana Nimmala**, Assoc. Prof and **Mr. B. Ashwin Kumar**, Asst. Prof. of CSE Dept. published a paper on “**An Innovative Data-driven Computational Model to Predict High Blood Pressure based on AAA++**”, in an International Journal of Engineering & Technology (Scopus Indexed), in May, 2018.

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

1. **Ms. D. Rachana**, Asst. Prof of CSE Dept. participated in a 1 week workshop on “**Advances in Cloud Computing**”, at B V Raju Institute of Engineering and Technology from 21 - 26 April, 2018.
2. **Ms. D. Rachana**, Asst. Prof of CSE Dept. participated in a 1 week workshop on “**Data Analytics with R**”, at G Narayanamma Institute of Technology for Women from 30 April - 5 May, 2018.
3. **Ms. P. Pravallika**, Asst. Prof of CSE Dept. participated in a 1 week FDP on “**TASK - Oracle - Java Fundamentals and Programming**”, at CVRCE from 7 - 11 May, 2018.
4. **Mr. Ch. Ram Mohan**, Assoc. Prof of CSE Dept. participated in a Faculty Development Program on “**MOOCs and Open Educational Resources**”, at JNTUH on 21 & 22 May, 2018.
5. **Mr. S. Srinivas**, Asst. Prof, and **Mr. S. M. Ali**, Sr. Asst. Prof of CSE Dept. participated in a 5 day workshop on “**Faculty Enablement Programme on Foundation Programm 5.0**”, at Anurag Group of Institutions from 4 – 8 June, 2018.
6. **Ms. A. Venu Madhavi** and **Ms. Y. Sharada Devi**, Asst. Profs of CSE Dept. participated in a 1 week short term training programme on “**Simulation of Security Services in Cloud and Internet of Things using NMAP and WIRESHARK**”, at SNIST from 18 – 23 June, 2018.
7. **Dr. D. Durga Bhawani**, Professor of CSE Dept. participated in a 1 day workshop on “**Block Chain Technologies**”, at JNTUH on 22 June, 2018.

## DEPARTMENT OF INFORMATION TECHNOLOGY

### ERUDITION OF KNOWLEDGE

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

1. **Dr. G N Balaji**, Asst. Prof of IT Dept. published a paper on “**Quantification of Valvular Regurgitation: A Review**”, in the International Research Journal of Management Science and Technology, Vol 9, Issue 3, in April, 2018.
2. **Mr. Sateesh Nayani**, Asst. Prof of IT Dept. published a paper on “**Risky Bank Loans Prediction through Data Mining Techniques - An Empirical Comparative Study**”, in IJAERD, Vol 5, Issue 4, in April, 2018.
3. **Dr. S. Venkata Suryanarayana**, Assoc. Prof IT Dept. and **Dr. G N Balaji**, Asst. Prof IT Dept. published a paper on “**Machine Learning Approaches for Credit Card Fraud Detection**”, in the International Journal of Engineering & Technology, Vol: 7 (2) in May, 2018.
4. **Ms. G. Sunitha Rekha**, Asst. Prof IT Dept. published a paper on “**A Study on Virtualization and Virtual Machines**”, in the International Journal of Engineering Science Invention (IJESI), Vol 7 Issue 5 Ver. III in May, 2018.
5. **Dr. Bipin Bihari Jayasingh**, Professor of IT Dept. published a paper on “**A Study Towards Post Hoc Forensic Analysis Using Big Data Analytics**”, in the CVR Journal of Computer Science & Technology, Vol 14, in June, 2018.
6. **Dr. S. Venkata Suryanarayana**, Assoc. Prof of IT Dept. published a paper on “**Computer Aided Optical Disc Detection in Fundus Images: A Review**”, in the CVR Journal of Computer Science & Technology, Vol 14, in June, 2018.
7. **Mr. Ch. V. S. Satyamurty**, Assoc. Prof of IT Dept. published a paper on “**Metadata Based Semantic Query in Indian Language Databases**”, in the International Journal of Computational Engineering Research (IJCER), Vol 8, Issue 6, in June, 2018.
8. **Dr. G. N. Balaji**, Asst. Prof of IT Dept. published a paper on “**Computer Aided Optical Disc Detection in Fundus Images: A Review**”, in the CVR Journal of Computer Science & Technology, Vol 14, in June, 2018.
9. **Ms. S. Jyothsna**, Asst. Prof of IT Dept. published a paper on “**Fully Anonymous Data Access Provision and Attribute Based Encryption Scheme For Efficient Cloud Data Privacy**”, in the CVR Journal of Computer Science & Technology, Vol 14, in June, 2018.



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

1. **Dr. J. Sengathir**, Assoc. Prof, **Ms. N. Pavani**, Sr. Asst. Prof, **Dr. G N Balaji**, **Mr. S. Anupkanth**, **Ms. G. Sunitha Rekha**, **Mr. D. Bhanu Mahesh**, **Mr. M. Srinivas**, and **Ms. T. Nishitha**, Asst. Profs of IT Dept. participated in a 1 week Faculty Development Program on “**Data Visualization and Machine Learning with Python**”, organized by IT Dept. CVR College of Engineering from 9-13 April, 2018.
2. **Ms. G. Bhagya Sri**, **Mr. D. Bhanu Mahesh**, **Mr. Sateesh Nayani**, **Ms. S. Jyothsna**, and **Mr. B. Sateesh Kumar**, Asst. Profs of IT Dept. participated in a 1 week Train the Trainer Program in coordination with e-box on “**Database Management System – MYSQL and Object-Oriented Programming using Java**”, at CVRCE from 18 – 20 April and 24 – 28 April, 2018.
3. **Mr. Sateesh Nayani**, Asst. Prof IT Dept. participated in a one-week AICTE-ISTE Refresher Program on “**Intelligent Computing and Deep Learning**”, Organized by CSE Dept. at VNRVJIET, from 14 to 19 May 2018.
4. **Mr. A. Seetharam Nagesh**, Sr. Asst. Prof IT Dept. participated in a 6-weeks Train the Trainer program in “**Front-End Engineering Tools**”, at Virtusa, Hyderabad from 21 May to 27 June 2018.
5. **Ms. A. Srichandana**, and **Mr. Sateesh Nayani**, Asst. Profs of IT Dept. participated in a 2-day **Research Workshop 2018** jointly organized by Dept. of CSE, JNTUH College of Engineering & IEEE Young Professionals, Hyderabad on 23 and 24 June, 2018.

## Workshops Organized

IT Department organized a 1 week Faculty Development Program on “**Data Visualization and Machine Learning with Python**” at CVR College of Engineering from 9-13 April, 2018. The Convenor of the workshop was Dr. Bipin Bihari Jaya Singh, Head, IT department. The resource persons for the workshop were **Dr. K. Narayana Murthy**, Professor, UOH, **Dr. V. Radha**, Asst. Prof, IDRBT, Hyd, **Dr. T. Sobha Rani**, Assoc. Prof, **Dr. A. Ganivada**, Asst. Prof UOH, **Dr. P. Manimaran**, Asst. Prof, **Dr. C. R. Rao**, Professor AIMSCS, UOH, **Dr. Subhrakanta Panda**, Asst. Prof, BITS Hyd., and **Dr. Lov Kumar**, Asst. Prof, BITS, Hyd. There were 10 hands-on lab sessions conducted in the FDP that emphasized the real time applications on “**Document Image Analysis with ML and Pattern Recognition, Network Security analysis, Machine Learning Data Sets: Issues and Learning, Neural Networks and its applications, Network Analysis and Graph Theory in ML, Software Testing Analytics/Optimization/ Machine Learning Techniques**”. 46 faculty members participated in the workshop of which 24 were faculty members from other colleges.

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

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

1. **Dr. B. K. Patle**, Assoc. Prof of Mechanical Dept. published a paper on “**Eigen Frequency and Deflection Analysis of Layered Structure Using Uncertain Elastic Properties–A Fuzzy Finite Element Approach**”, in the International Journal of Approximate Reasoning, in May, 2018.
2. **Dr. B. K. Patle**, Assoc. Prof of Mechanical Dept. published a paper on “**Automatic Material Identification Technique Using Digital Image Processing**”, in IJESIRD, in May, 2018.
3. **Dr. B. K. Patle**, Assoc. Prof of Mechanical Dept. published a paper on “**Theoretical and Experimental Validation of Nonlinear Deflection and Stress Responses of an Internally Debonded Layer Structure using Different Higher-Order Theories**” in Actas Mechanica, in May, 2018.
4. **Mr. Neeraj Kumar Jha**, Assoc. Prof. of Mechanical Dept. published a paper on “**Design Methodology and Analysis of Double Cavity Metal Plastic Insert Injection Molding Die for Push Board Pin**”, in the CVR Journal of Science and Technology, Vol 14, in June, 2018.
5. **Mr. Sarat Kumar Sahoo**, Asst. Prof of Mechanical Dept. and **Dr. Manjeet Kharub**, Assoc. Prof of Mechanical Dept. published a paper on “**Investigating the Cause of Poor Efficiency in Thermal Power Plant- A Six Sigma Based Case Study**”, in the CVR Journal of Science and Technology, Vol 14, in June 2018.
6. **Mr. Neeraj Kumar Jha**, Assoc. Prof of Mechanical Dept. published a paper on “**Design Methodology and Analysis of Double Cavity Metal Plastic Insert Injection Molding Die for Push Board Pin**”, in the CVR Journal of Science and Technology, Vol-14, in June, 2018.
7. **Mr. Neeraj Kumar Jha**, Assoc. Prof. of Mechanical Dept. published a paper on “**Chemical Treatment and Analysis of Mechanical Properties of Hybrid Bio Composite**”, in the proceedings of the International Conference, MRCET, Hyderabad on 22 June, 2018.

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

1. **Mr. Sarat Kumar Sahoo**, Asst. Prof of Mechanical. Dept. participated in a Quality Improvement Programme at Veer SurendraSai University of Technology (VSSUT) Burla, Odisha on “**Engineering Materials, Design and Applications**” from 23 - 26 April and on “**Materials, Manufacturing & Management**”, from 14 - 26 May, 2018.

2. **Mr. Neeraj Kumar Jha**, Assoc. Prof, **Ms. M. R. S. Rupa Sree**, **Ms. G. Vanya Sree**, **Ms. N. Ankitha**, **Ms. B. Sravya Reddy**, **Ms. V. Lavanya**, **Ms. E. Geetha**, **Ms. P. Bhargavi**, **Mr. Sarat Kumar Sahoo**, **Mr. C. Sai Kiran** and **Mr. P. Srinivas Reddy**, Asst. Profs of Mechanical Dept. participated in a 2 day workshop on “**Engineering Graphics through Auto CAD**”, organized by Department of Mechanical Engineering in CVR College of Engineering from 11-15 June, 2018.
  
3. **Mr. Neeraj Kumar Jha**, Assoc. Prof. and **Mr. P. Srinivas Reddy**, Asst. Prof of Mechanical Dept participated in a 2 day workshop on “**Emerging Trends in Mechanical Sciences**”, organized by MRCET, Hyderabad on 22 - 23 June, 2018.

### Industrial Visit:

#### Industrial visit to HMT Hyderabad

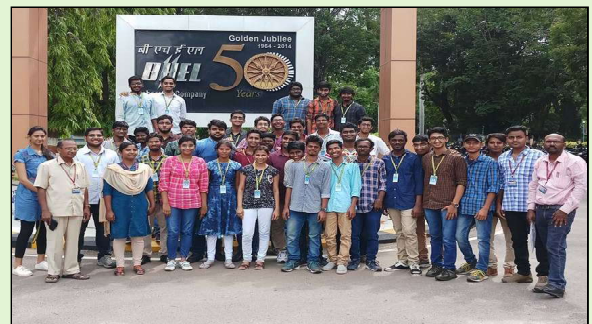
96 Students of third year Mechanical Engineering Dept (2016 batch) visited HMT Balanagar unit, Hyderabad on 28/6/18. Four faculty members namely Mr. B Appalanaidu, Mr.M. Krishnamraju, Associate Professors of Mech. Dept. and Mr. P Bashkar, Mr. Vidhyanand Kumar Assistant Professors accompanied the group. During the visit students visited four divisions namely Engineering Work Shop, Pattern Making & Foundry Shop, Machining Centre and R & D centre. They also saw assembling of Milling Machine, CNC Machining Center, Induction Melting, Sand Casting Method and Gas Cutting of 20mm thick MS Plate.



Students Visit to HMT

#### Industrial Visit to BHEL Hyderabad

Third year Mechanical Engineering Department visited BHEL, Ramachandrapuram unit, Hyderabad on 27/6/18. Four faculty members namely Dr. P. V. Ramana, Mr. M.Krishnamraju, Associate Professors of Mechanical Dept and Mr. Rajesh Kumar and Ms. E. Geeta Assistant Professors of the department accompanied the group. During the trip students visited a) Steam and Gas turbines b)Heat Exchangers/ Electrical Machines and they saw different types of Steam Turbines. They also witnessed pilot testing unit, assembling of turbine blades to Rotor, profile of turbine blade and cutting of grooves on Rotor by using heavy lathe machine and groove cutting operations on Rotor of Turbine.



Students Visiting BHEL



## DEPARTMENT OF CIVIL ENGINEERING

### ERUDITION OF KNOWLEDGE

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

1. **Mr. KNV Chandrasekhar**, Asst. Prof of Civil Dept. and **Ms. NSS Sahithi**, M.Tech student. published a paper on “**A Step by Step Procedure to Perform Isogeometric Analysis of Beam and Bar Problems in Civil Engineering Including Sizing Optimization of a Beam**”, in *i Manager’s Journal on Structural Engineering*, in March-May, 2018.
2. **Dr. M. V. Seshagiri Rao**, Professor, **Ms. G. Jyothi Kumari**, and **Mr. B. Chandrasekhar**, Asst. Profs of Civil Dept. published a paper on “**Thermal Effects on Mechanical Characteristics of SCC**”, in the *International Journal of Technical Innovation in Modern Engineering & Science*, Vol 4, Issue 6, in June, 2018.
3. **Ms. J. Sandhya Rani**, Asst. Prof along with **Mr. M. Umeshchandra**, M. Tech student of Civil Dept. published a paper on “**Response Reduction of Tall Buildings Subjected to Seismic Loads by Tuned Mass Damper**”, in the *CVR Journal of Science and Technology*, Vol 14, in June, 2018.

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

1. **Dr. B. Naga. Malleswara Rao**, Professor of Civil Dept. participated in a 5 day Faculty Development Workshop on “**Effective Teaching and Learning Practices for Design and Operation of Waste Water Treatment Systems**”, organized by Department of Civil Engineering at NIT Warangal from 9-13 April, 2018.
2. **Dr. N. Narayana**, Professor, **Mr. P. Yashwanth**, Assoc. Prof and **Mr. T Manoj**, Asst. Prof of Civil Dept. participated in a conference on “**Green Pro Summit 2018**”, organized by Confederation of Indian Industry (CII) at HICC, Hyderabad from 17-18 April, 2018.
3. **Dr. N. Sadguna Nuli**, **Mr. A Vamsi Chaitanya**, Assoc.Profs and **Mr. M Vamsi**, , Asst. Prof of Civil Dept. participated in a 1 day Workshop on “**Traffic Problems in & Around Hyderabad and Remedial Measures**”, organized by Department of Civil Engineering at University College of Engineering, Osmania University, Hyderabad on 15 June, 2018.
4. **Mr. P. Yashwanth**, Assoc. Prof and **Mr. S Praveen**, Asst. Prof of Civil Dept. participated in a short term course on “**Engineering Research Methodology**”, organized by Department of Mechanical Engineering at University College of Engineering, Osmania University, Hyderabad, from 18 – 22 June, 2018.

5. **Mr. Inavolu Sethu Anjan**, B.Tech student of Civil Engineering Dept. participated in the ‘**Summer Fellowship Programme( SFP) – 2018**’, at Department of Civil Engineering, IIT, Chennai from 15 May-6 July, 2018.

### Workshop conducted:

#### **COMPUTER APPLICATIONS IN CONSTRUCTION PLANNING AND MANAGEMENT (CACPM-2018) (24-25 April, 2018)**

The objective of this workshop was to provide an overview and hands on experience on Primavera P6 for Base Lined Plan Creation, Decision-Making, Budget Management, Job Scheduling and Cost Control for Construction Projects. This workshop also focused on MS Project (MSP) software used for planning and scheduling of projects.

#### **The workshop covered:**

- Steps involved in Construction Project Planning.
- Construction of Organizational Breakdown Structure ( OBS)
- Enterprise Project Structure (EPS).
- Creating Projects through Wizard
- Calendars- Global, Resource & Project
- Creating Resources using Wizard
- Earned Value Management
- Thresholds, Issues & Risks.

#### **Outcome of the Workshop**

At the end of the workshop, participants were able to

- Plan, schedule monitoring and control complex projects, allocate resources and track progress.
- Monitor and visualize the project performance against the base lined plan.

#### **ENGINEERING GRAPHICS THROUGH AUTOCAD (EGA-2018) 11-15 June, 2018**

The objective of faculty development programme was to train participants in Engineering Graphics through AutoCAD with hands-on sessions to use AutoCAD as a tool to teach students the concepts of Engineering Drawing. The resource person for the workshop was **Ms. N. Jyothi**, Assoc. Prof of Civil Engg from VNR Vignan Jyothi Institute of Engineering, Hyderabad. The workshop was attended by 30 faculty members from the Mechanical Engineering department of the college as well.



Autocad Workshop In Progress

**The workshop covered:**

- Usage of several drawing and modifying commands in **2D and 3D**
- Projections of Planes and Solids
- Orthographic & Isometric projections



Participants in the Workshop

Faculty Members who attended the program

were-

1. Dr. N. Sadguna Nuli
2. Mr. B. Jagadeesh
3. Mr. B. Ramanjaneyulu
4. Mrs. J. Sandhya Rani
5. Mr. M. Ashok Kumar
6. Mr. N. Ramanjaneyulu
7. Mr. T. Sai Keertan
8. Mr. T. Manoj
9. Ms. V. Yashodha
10. Mr. V. Naveen

**DEPARTMENT OF HUMANITIES AND SCIENCE**  
**ERUDITION OF KNOWLEDGE**

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

1. **Dr. P. Vanishree Sah**, Assoc. Prof of Management Sciences, published a paper on “**An Exploration into Political, Economic and Social Globalization of India**”, in an International Journal of Management Studies, Vol 5, Issue 2, in April, 2018.
2. **Dr. P. Vanishree Sah**, Assoc. Prof of Management Sciences, published a paper on “**A Study on Service Quality of Indigo Airlines**”, in an International Research Journal of Management Science & Technology, Vol 9, Issue 4, in April, 2018.
3. **Dr. Hemant Shastry**, Assoc. Prof of Management Sciences, published a paper on “**A Study on Electricity Consumption of Household in Telangana State**”, in Asia Pacific Journal of Research Vol 1, Issue 87, in April, 2018.
4. **Dr. P. Vanishree Sah**, Assoc. Prof of Management Science, published a paper on “**Comparative Study of Service Quality of UBER and OLA**”, in MERC Global’s International Journal of Management, Vol 6, Issue 3, in June, 2018.

5. **Ms. Lalitha Suddapally**, and **Ms. P. Asifa Tazeem**, Asst. Prof of Management Science published a paper on “**A Study on Implementation and Benefits of International Financial Reporting Standards-IFRS in India**”, in the International Research Journal of Management and Commerce, Vol 5, Issue 6, in June, 2018.
6. **Dr. K. Venkatesan**, Asst. Prof of Chemistry published a paper on “**Microwave Assisted Synthesis of Pyrimidine Carboxamide Catalyzed by Ruthenium Chloride and their Antioxidant Studies**”, in CVR Journal of Science and Technology, Vol 14, in June 2018.
7. **Dr. Raffiuddin**, Assoc. Prof of Mathematics published a paper on “**Viscous dissipation effects on time dependent natural convective memory flow**”, in the International Journal of Basic and Applied Research, Vol 8, Issue 6, in June 2018.

#### Paper Presentation in National / International Conferences

1. **Ms. G. HimaBindu**, Asst. Prof of Physics, presented a paper on “**Synthesis, Characterisation and Photocatalytic activity of Novel Perovskites**”, in a 2 day National Conference on “Materials for Energy and Environment - Its Development and Applications”, organized by Department of Physics, Osmania University, on 29 & 30 April, 2018.

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

1. **Dr. E. Uma Reddy**, Assoc. Prof of Management Sciences, participated in a 5 day workshop on “**Structural Equation Modeling: Testing Mediation and Moderation Models**”, at School of Management Studies, University of Hyderabad from 16 - 20 May, 2018.
2. **Dr. T. Hymavathi**, Assoc. Prof of English, **Mr. Samuel C**, **Ms. Kalpana Bharathi**, Asst. Prof of English, **Mr. Srikanth Mahadavan**, Asst. Prof of Mathematics and **Mr. Parvath Reddy**, Physical Director participated in TEQIP III-Workshop on “**To Train The Trainers for Implementation of Induction program in the Affiliated Colleges of JNTUH**”, at JNTUH, from 17 - 19 May, 2018.

#### Guest Lectures

1. **Prof. K. Satyanaryana**, Professor of Mathematics delivered a Guest Lecture on “**Some Open Problems In Mathematics**”, to the toppers of AS RAO Awards Olympiad at Vikas Concept School on 29 April, 2018.
2. **Dr. K. Satyanarayana**, Professor of Mathematics delivered a talk on “**Laplace Transforms And Their Applications**”, in the National Workshop on “Applications of Mathematics” organized by Nalla Malla Reddy Engineering College, Hyderabad on 18 June, 2018.



## Achievements

1. **Mr. P.V.S.H.Sastry**, Assoc. Prof of Management Sciences, secured “Elite” grade in two certification examinations on “**Financial Statement Analysis and Reporting**” with 83 per cent marks and “**Research Writing**” with 79 percent marks, conducted by National Programme on Technology Enhanced Learning (NPTEL) in April, 2018.
2. **Mr. P.V.S.H.Sastry**, Assoc. Prof of Management Science, passed “**Investment Adviser (Level 1) Certification Examination**”, of NISM (National Institute of Securities Markets) - educational wing of SEBI, with 72 per cent marks in June, 2018.

## FELICITATION OF PROF. NARAYANA, EIE





## ANNUAL DAY



## YOGA DAY

