

## Department Activities

Mr. C. Pramod Kumar Asst. Professor, EIE Dept, being NSS Program Officer organized a Programme named “Path Guidance and Stationary Donation” in 3 Govt schools (Zilla Parishad Unnatha Patashala, Patelguda (V), Ibrahimpatnam(M), RR(D), Govt Primary School, Mangalpally (V), Ibrahimpatnam (M), RR(D), Anganvadi Centre, Mangalpally (V), Ibrahimpatnam (M), RR(D).

Mr. C. Pramod Kumar Asst. Professor, being NSS Program Officer organized a Free medical health camp on 2<sup>8th</sup> June 2019 at Pocharam Village.

### Industrial Visit on 09-12-2017

The students of IV EIE are visited Srisaillam Left bank Hydrel Power Plant on 09-12-2017. This Industrial visit helped the students to give exposure and deep insight about Hydro electric power plants. The industrial visit was oriented towards the technical features including distributed control systems and modern automation in the left bank power plant. The whole team included 56 students and 6 faculty members of EIE Department



### **Workshops organized by Department**

A 3 day student workshop has been conducted by the department of EIE for III year students on "Advanced Instrumentation using PLC, SCADA & OPC" during **11.12.2017 to 13.12.2017**. Two Resource persons, Mr. Harish, Manager & Mr. Sagar, Technical asst., came from Technologies Going Solutions private LTD, Bangalore. 51 students participated enthusiastically in this workshop. Ms. K. Padmaleela, Assistant Professor E.I.E coordinated the program and Mr. O. Venkata Krishna Associate Professor E.I.E was the Chief Coordinator. At the end of the program a couple of students came forward and gave excellent feedback and appreciated the institution in supporting such workshop. The participants received their certificates at a concluding ceremony attended by Dr. M.S.Bhat, Head, E.I.E and other faculties of department of EIE.



A 3 day student workshop on "Advanced Instrumentation using PLC, SCADA & OPC" during 11.12.2017 to 13.12.2017





A 3 day student workshop on "Advanced Instrumentation using PLC, SCADA & OPC" during 11.12.2017 to 13.12.2017

## **Workshops Conducted by Department:**

1. The EIE dept organized One week workshop on "LabVIEW Based System Design for Multidisciplinary Research Application" during 21<sup>st</sup> to 25<sup>th</sup> November 2016. The entire works programme was sponsored by CVR College of engineering. There were 36 participants from other departments of CVR College of engineering and from other colleges. The speakers were from VI solutions, Bangalore. **Topics covered during the workshop were:** LabVIEW programming techniques on loops, structures, arrays, clusters, math script etc., Image processing tool for image acquisition and compression, Hands on experience of DAQ boards, Control system tool box for PID controller, Interfacing of sensors to LabVIEW with My DAQ. **The speakers in the programme were:** Mr. Sunil Kumar, VI Solutions, Bangalore, Mr. Vasanth Kumar, VI Solutions, Bangalore. This Workshop was inaugurated by Dr. K. V. Chalapathi Rao, Professor-Emeritus, CSE Dept, CVR College of Engineering.



Participants Group photo of One Week Workshop on “LabVIEW Based System Design for Multidisciplinary Research Application” during 21<sup>st</sup> to 25<sup>th</sup> November 2016

### **INSTROGLITZ -Technical Festival:**

**EXIETEC 2K16** is a technical symposium conducted by Instroglitz, a technical students' association of department of **Electronics & Instrumentation Engineering**. It was conducted on **28<sup>th</sup> of February, 2017**. It consists of 5 technical and 5 non-technical events on the whole. Technical events include PAPER PRESENTATION, PROJECT EXPO, TECHNOVATE, TECHRONYM and SCAVANGER HUNT. These events are unique in their own streams of patterns which helped the participants in many ways. Non-Technical events include DUBSICAL, FACEOFF, MINDSPARK, CID and Funk from Junk. These non technical events also have attention grabbing publicity and well acquainted rounds to the students, so many participated actively in these events.





## Achievements

Dr. Santosh Kumar Sahoo, Associate Professor (EIE) recognized as Life time Professional member of Institute of Scholars (InSc), Bangalore

Dr. Santosh Kumar Sahoo, Associate Professor received research excellence award 2018 by Institute of Scholars, Bangalore.

EIE final year students (Om Anirudh, Vanama Shriya, M.Sowjanya, Ponnaboina Pranavi Under the guidance of Dr. B. Saidulu and Adluri venkata shiva Ramakrishna, Rama Ranjith Kumar, Chandu sai Ganesh Under the guidance of C. Pramod Kumar) participated in TechExpo'19 competition at Geetanjali College of Engineering on 30/03/2019 and received first and second prizes in two different categories.

Department achieved an appreciation award with cash prize of Rs.10000/- in

National level Factory Automation competition (Mitsubishi Electric Cup-4) conducted by Mitsubishi Electric India Pvt Ltd at Manav Rachna International Institute of Research, Faridabad under the guidance of Mr. C. Pramod Kumar.

Dr. S. Harivardhagini, Professor and Head, Dr. Narendra B. Mustare, Professor and Dr. Santosh Kumar Sahoo, Associate Professor recognized as reviewer of 5<sup>th</sup> International Conference (Springer) on Computational Intelligence in Data Mining-2018, organized by Veer Surendra Sai University of Technology, Burla, Odisha.

Dr. Santosh Kumar Sahoo, Associate Professor recognized as Member of International reviewer Committee for International Conference on Computational Intelligence in Pattern Recognition-2019, organized by Indian Institute of Engineering Science & Technology (IIST), Shibpur, W.B

Ms.S.Harivardhagini, Assoc.Prof, presented and published a paper on “**PID, Sliding Mode Control, Dynamic Mode Control of a prototyped Split Range Plant using LabVIEW**” and also has been awarded **BEST PAPER** at 2015 IEEE International Conference on Control system, Computing and Engineering (ICCSCE 2015), Jointly organized by IEEE Chapter of control system society, Malaysia Section and Faculty of Electrical Engineering, University ,Technology MARA (UITM) ON 27-29 November 2015 at Penang, Malaysia.



**Mrs. S. Harivardhini**, Associate Professor as presented and published a paper titled “**PID AND FUZZY CONTROL OF PH NEUTRALIZATION AND SPLIT RANGE PROTOTYPE PLANTS USING LABVIEW**” at international Conference on Innovations in Electrical, Electronics, Instrumentation and Media Technology - ICIEEIMT17, Karunya University, Coimbatore, Tamilnadu, India, 3 - 4 February 2017. The paper is also published in conference proceedings published by IEEE.



Mrs. S. Harivardhagini, Associate Professor as presented paper international Conference  
ICIEEIMT17, Karunya University, Coimbatore, Tamilnadu,

### **Awards/Distinctions:**

#### **Mitsubishi Electric Cup-1 :**

G. Venkateswarlu, Asst. Professor in the Department of EIE, Guided a team of 3 EIE and 1EEE final year students for Mitsubishi National level Project. Our team has been adjudged by an eminent panel as the winner of bronze trophy with Rs.50, 000/- cash prize, medals and certificates to all the participant students and me.

Title of the project: INTELLEAGENT TRANSPORT SSYSTEM.

#### **Mitsubishi Electric Cup-2 :**

The winner of Appreciation **medals** with **Rs.10,000/- cash prize**, and certificates among 35 Teams across India from various institutions(IIT Kharagpur, COEP Pune, SRM Delhi, VIT Chennai, M.S.Ramaiah Institute of Technology Bangalore.....) at Mitsubishi National Automation Competition,Pune

Title of the project:VIRTUALLY TRANSCRIBED AND RESTRAINED ROBOTIC SYSTEM (V-TARRS)





TEAM "A"UTOMATION CVR COLLEGE  
OF ENGINEERING ,HYDERABAD

DEPT OF EIE



# CVR COLLEGE OF ENGINEERING

(ACCREDITED BY NBA, AICTE & Affiliated to JNTUH)

Vastunagar, Mangalpalli (V), Ibrahimpatan (M), R.R. District, PIN - 501 510

## Congratulations!

The college team won the Bronze Trophy along with a cash prize of Rs.50,000/- and medals in National level Automation Competition, organized by Mitsubishi Electric India Pvt.Ltd. on 13-02-2015 at Pune.



### Team "A"utomation:

Project Guide: G.Venkateswarlu, Asst.Professor, EIE Dept

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|----------------------------|-------------------------------------|
| 1.Pankaj Rautel.....IV EIE | 2.G.Ravi Kumar Rao.....IV EEE       |
| 3.Bipin Wilson.....IV EIE  | 4. Adapa Venkata Shravani ...IV EIE |

**INAGURATION OF MEASUREMENT AND CONTROL SYSTEM  
LABORATORY (Department of EIE) BY Dr. K.S.NAYANATHARA,  
PRINCIPAL**

















