



Editorial Board:

Chief Editor:

Dr. G N Swamy,
Head of the Dept.

Editor:

Mr.P.Srinivas,
Program Coordinator.

Members:

Mr. V.N. Prudhvi Raj
Assoc.Professor

Mrs. N.Swathi
Asst.professor

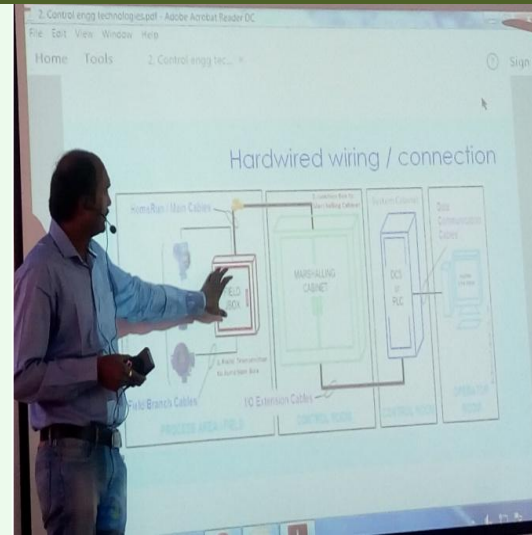
Mrs. Y.Anitha
Jr.Programmer

Inside This Issue

- Events Organized
- Faculty Publications
- Faculty Achievements
- Faculty Participations
- Students Achievements
- Placements

One day Seminar on “INDUSTRIAL AWARENESS PROGRAM”

One day seminar on “**Industrial Awareness Program**” was organized by Department of EIE on 31st Dec 2018. The main objective of this seminar is to inculcate the overview of automation and its importance to the students and provide them with a platform to work on in the near future. The resource person Mr. T. Kamala Kumar, Manager, PE&SD, BHEL, Hyderabad provided the knowledge of the role of instrumentation in an industry, how to join/apply for job in industry, importance of GATE, NET etc. in various fields, and opportunities for instrumentation engineers in and outside the state/country to the students. This event is co-ordinated by Mr.P.Srinivas.



Resource Person

Guest Lecture on “CONTROL ENGINEERING TECHNOLOGIES IN POWER PLANT”

A Guest Lecture on “**Control Engineering Technologies in power plant**” was organized by Department of EIE, VRSEC on 29th December 2018. The main objective of this guest lecture is to inculcate the overview of automation and its importance and challenges in power plant to the students and provide them with a platform to work on, in the near future. The Guest lecture was carried out by the resource person Mr. T. Kamala Kumar, Manager, PE&SD, BHEL, Hyderabad. This event is co-ordinated by Mrs.P.Sushma Chowdary.



Resource Person

Guest Lecture on “CAREER CHOICES AND OPPORTUNITIES”

A Guest Lecture on “**Career Choices and opportunities**” is organized by Department of EIE, VRSEC on 13th December 2018. The Guest lecture was carried out by the resource person Indira Korrapati, Senior Vice President, Tech, Divisional Executive, Wells Fargo, USA. Guest interacted with students and given suggestions about requirements of foreign industries to offer jobs, the importance of the Ph.D. in Academics and career opportunities after MS in USA and other countries. She also discussed about education pattern and credits in USA universities. Interaction is purely on student orientation. The interaction was very helpful to the students who want to do Masters or Ph.D. in foreign universities.

Guest Lecture on “3D Printing for Biomedical Applications”



Resource Person & students

A Guest Lecture on “**3D printing for Biomedical Applications**” is organized by Department of EIE, VRSEC on 16th November 2018. The main objective of this guest lecture is to make the students aware of 3D printing technology and its applications in medical field to provide them with a platform to work on, in the near future. The Guest lecture was carried out by the resource person Dr. K.Sudha Rani, Associate Professor, Dept. of EIE, VNRVJIET, Hyderabad. The students gained good knowledge about the need of 3D printing, manufacturing process, applications in medical field, exhibition of 3D printed Prosthetics. This event is co-ordinated by Mrs.K.Vijaya Lakshmi.

Guest Lecture on

“SEISMIC/MICROSCOPIC MONITORING INSTRUMENTATION FOR STRUCTURES”



Inauguration

A Guest Lecture on “**Seismic/Microscopic Monitoring Instrumentation for Structures**” was organized by Department of EIE, VRSEC on 5th October 2018. In this lecture, the resource person Mr Sivakumar Cherukuri, Scientist F and Head, MESD, National Institute of Rock Mechanics, Ministry of Mines, Government of India explained about Instrumentation for microseismic technology and strata monitoring research, its application to underground structures stability in particular to hard rock mines, coal mines, river valley projects, hydro power projects, hydro carbon storage caverns etc., This event is co-ordinated by Dr. C S S Anupama.

A One Week Training Program on “NI myRIO Hardware”



A one Week training program by Mr. S Sunil, VI Solutions, Bangalore on “**NI myRIO Hardware**” was organized from 16th September 2019 to 20th September 2019 by Department of Electronics and Instrumentation Engineering in collaboration with National Instruments, Bangalore and VI Solutions, Bangalore. The program is aimed to provide hands on training on the development of applications using LabVIEW software for third year B.Tech. students as part of the NI Academy program. Total number of participants was 26. This event is co-ordinated by Mr.V.N.Prudhvi Raj.

FACULTY ACHIEVEMENTS

- Ph.D. awarded to Mrs. CSS Anupama for the thesis entitled “An Optimal Network Selection Decision Algorithm with Enhanced Call Connectivity Heterogeneous Wireless Networks” by JNTUK, Kakinada.
- Mr.V.N.Prudhvi Raj and Ms.Ch Jaya Lakshmi obtained the CLAD (Certified LabVIEW Associate Developer) Certification by National Instruments on 17th December 2018.

Innovation Day



Model Name: Water Consumption Control



Model Name: Water Waste Collecting Boat



Model Name: Surveillance Robot



Resource Person & students

Department of EIE and Instrument society of India (ISOI) organized, and celebrated **Engineer's Day** on 15th September 2018. The outcome of this event is to encourage the students to convert their innovative ideas into real time projects which will be helpful to the society. A total of 15 project models were exhibited from different field's applications. The project Water Consumption Control exhibited by Sonu kumar (158w1A1091), K.Hadly Mclorne (158w1A1075), Md Abubakar Siddeeq (168w5A1013) of IV/IV B Tech won the first prize. The working model Water waste collecting boat by P.Sai Lokesh (158w1A1084), Sk John Basha(168w5A1028), P.Bhanu Prakash(158w1A1086) won second prize. The model Surveillance Robot, by D Jitendra Sai(158W1A1009), V Leela Mohan (158W1A1045), G. Ganesh Janardhan Kumar (168W5A1005) of IV/IV EIE won second prize. Mr. Durga Prasad, Solutions & RND Architect, Efftronics Pvt.Ltd., was invited to evaluate the performance of the students working models. This event is co-ordinated by Mrs.Ch Jaya Lakshmi.

A one Week Training Program On "NI LabVIEW Core-I and Core-II"

A one Week training program by E Raja, VI Solutions, Bangalore on "NI LabVIEW Core-I and Core-II" was organized from 10th September 2019 to 15th September 2019 by Department of EIE in collaboration with National Instruments, Bangalore and VI Solutions, Bangalore. This program is aimed to provide hands on training on the development of applications using LabVIEW software for second year B.Tech. students as part of the NI Academy program. Total number of participants was 35. This event is co-ordinated by Mr.V.N.Prudhvi Raj.

ELECTROSPARX 2K18

Instrument Society of India (ISOI) Student chapter organized a technical event **ELECTROSPARX 2K18** for the students of 2/4 B TECH (EIE) to bring awareness among the students about the student chapter. The outcome of the Circuitrix is to apply the brains in concepts of electronics and make use of this platform to bring out the electronic nerd within students. The outcome of the technical quiz is to assess their knowledge level acquired till date in the area of electronics & Instrumentation basics. This event was conducted on 10th August 2018 in which a total of 126 students are participated. O.Janardhan Vishnu, L. Hemanth and M.V.N. Sai Kiran are the winners for Circuitrix and Technical quiz events. Md.Masood, P.V.N Kasyap, P.S. Narendra are the runners for Circuitrix. U. Akash, P.V. Harish and P. Doondeswar are the runners for technical quiz. Dr. G N Swamy distributed the mementos and certificates to the prize winners. This event is co-ordinated by Mrs.Ch Jaya Lakshmi.

FACULTY PUBLICATIONS IN NATIONAL AND INTERNATIONAL JOURNALS

- P. Durga Prasada Rao and M. Srinivas Published a paper titled “Pest Identification in sugar cane crop using acoustic sensor”, International Journal of Engineering and Technology (IJET), December 2018.
- M. Srinivas and P. Durga Prasada Rao Published a paper titled “Insects identification in maize crop using WSN”, International Journal of Engineering and Technology (IJET), December 2018.
- P. Srinivas, Dr P. Swapna and Dr. C. S. S. Anupama Published a paper titled “Effect of DC-DC converter switching frequency on the performance of solar PV system”, International Journal of Engineering and Technology (IJET), December 2018.
- M. Kranthi Published a paper titled “A Review on Industrial Automation”, International Journal of Engineering and Technology (IJET), August 2018.

FACULTY PUBLICATIONS IN CONFERENCES

- A. Sumalatha has presented a paper on “A data driven approach of modelling and estimation of boiler drum sub system dynamics” in International conference on management, science, Engineering, and applications (ICMSEA) during 20th to 22nd December 2018.
- Dr. G. N. Swamy has presented a paper on “Indian Higher education ‘Challenge of Quality and Broad building’” in National conference on Education promotion society of India (EPSI), Bangalore on 24th November 2018.
- P. Srinivas, Dr. C.S.S.Anupama and K. Vijaya Lakshmi have presented a paper on “Analysis and Optimization of solar system using PV*sol software” in International conference on new trends in engineering and technology (ICNTET) during 7th-8th September 2018.

FACULTY PARTICIPATION IN WORKSHOPS, ONLINE CERTIFICATION COURSES

- Dr. CSS Anupama attended a one day workshop on “Digital Health Interventions” organized by Dept. of Medical Education, Dr. Pinnamaneni Siddhartha Institute of Medical Sciences & Research Foundation on 22nd December 2018.
- Dr. CSS Anupama attended a 4 week “IUCEE APSSDC Machine Learning Course” conducted by Dr. Rao Vemuri, University of California during November - December 2018.
- V Naga Prudhvi Raj attended a workshop on “NPTEL awareness” at RVR & JC, Guntur on 07/12/2018.
- Ch Jaya Lakshmi, S Kalpana and K Prasanthi attended a workshop on “VLSI Design and Challenges” at Dept. of ECE, VRSEC on 17/11/2018.
- S Kalpana completed online FDP on “Introduction to IoT” sponsored by NPTEL during Aug- Oct, 2018.
- P Srinivas, Dr.CSS Anupama completed a one and half week online FDP on “Non Conventional Energy Resources” sponsored by MHRD conducted by IIT Madras.
- K Vijaya Lakshmi completed one week online FDP on “Introduction to Machine Learning” sponsored by MHRD conducted by IIT Kharagpur.
- M Srinivas, P Durga Prasad Rao completed online FDP on “Introduction to Research” sponsored by MHRD conducted by IIT Madras.
- Dr. CSS Anupama attended a one day “Faculty Knowledge Sharing Program” conducted by IBS ICFAR business school, Vijayawada on 26th July 2018.

STUDENT ACHIEVEMENTS

STUDENT COCURRICULAR ACHIEVEMENTS

- A total of 25 students of 3/4 B.Tech. are completed in CLAD (Certified LABVIEW Associate Developer) certification on 17th December 2018.
- A total of 38 students of 2/4 B.Tech. & 3/4 B.Tech. are qualified in NPTEL online courses.
- A total of 120 students attended the training program during July 2018 on Basics of PLC and PI in SIEMENS CENTRE OF EXCELLENCE, VRSEC.

STUDENT EXTRACURRICULAR ACHIEVEMENTS

- Cherukuri Hari Chandana of 2/4 B.Tech. acted as official spoke person in “31 SOUTH ZONE AQUATIC CHAMPIONSHIP 2018” at Vijayawada during 26th to 30th December 2018.
- Nallala Naga Dhana Sai Manideep of 2/4 B.Tech participated in national level events “Triathle” and “Biathle” conducted at modern pentathlon association, Pune during 5th to 7th October 2018.
- Nallala Naga Dhana Sai Manideep of 2/4 B.Tech stood second in a district level event “Biathle” conducted at modern pentathlon association, AP during 18th to 20th August 2018.
- Nallala Naga Dhana Sai Manideep of 2/4 B.Tech stood third in a district level event “Triathle” conducted at modern pentathlon association, AP during 18th to 20th August 2018.
- Paruchuri Harish of 3/4 B.Tech stood second in a state level “Running” competition conducted at Vignan University, Guntur on 7th August 2018.
- Nallala Naga Dhana Sai Manideep of 2/4 B.Tech stood fourth in a district level event “Aquathlon” conducted by AP Triathlon association on 1st July 2018.

PLACEMENTS

July- December 2018

S.No.	Name	Roll No.	Company	Pay Package
1.	CHOPPARAPU JAYASRI	158W1A1007	TCS NINJA	3.6LPA
2.	DASINENI JITENDRA SAI	158W1A1009	TCS NINJA	3.6LPA
3.	NAMA DAKSHAYANI	158W1A1031	TCS NINJA	3.6LPA
4.	TALLAPRAGADA SAHITI	158W1A1042	TCS NINJA	3.6LPA
5.	VEMULAPALLI RESHMITA	158W1A1046	TCS NINJA	3.6LPA
6.	YALAVARTHI YASASWINI	158W1A1050	TCS NINJA	3.6LPA
7.	CHINNAM SOHITH RAJGOPAL	158W1A1062	TCS NINJA	3.6LPA
8.	CHITTA PHANEENDRA SAI	158W1A1063	TCS NINJA	3.6LPA
9.	VISSARAPU SIVA KUMAR	158W1A1098	TCS NINJA	3.6LPA
10.	LAKSHMI REVATHI NANDIVADA	158W1A1026	CAPGEMINI	3.5LPA
11.	SONU KUMAR	158W1A1091	CAPGEMINI	3.5LPA
12.	A.CHINMAYI REVATHI	158W1A1003	GO SPEEDY GO	4.2LPA
13.	SYED ABDUL ANEES BABA	158W1A1040	GO SPEEDY GO	4.2LPA
14.	G BHANU KIRAN	168W5A1006	GO SPEEDY GO	4.2LPA
15.	VISWANATH BHARATH	158W1A1048	GO SPEEDY GO	4.2LPA