

## **Instruments Society of India (ISOI)**

The Society of Instrumentation professionals was established in the year 1970, with headquarters at Indian Institute of Science, Bangalore. Today it has six chapters at Delhi, Chennai, Hyderabad, Dehradun, Pune and Cochin. It strives to act as a link between academic institutions and the instrumentation industry, by organising several programs. It also conducts programs for students and working professionals in the form of short term courses, symposia and topical reviews. The objective of the society is to provide a forum for pooling knowledge and experience of individual's participants from various professional universities.

**ISOI VNR VJiet Coordinator:** Mrs. A. Pavani Lakshmi, Asst Prof, EIE Dept

### **Regular Activities conducted by ISOI:**

1. Quiz Competitions
2. Events to motivate fresher's
3. Workshops
4. Technical paper presentations
5. Guest Lectures
6. Project Exhibitions
7. Seminars
8. CONVERGENCE A national level technical symposium
9. Membership Drives
10. Filling nominations for various national/state level awards

### **Details of events by ISOI Student Chapter during academic year**

#### **2014-2015**

- Convergence 2K15 was conducted on 2<sup>nd</sup>-4<sup>th</sup> March 2015. Under this various technical events like Project expo, Open House, Robotics Workshop were conducted.
- Induction program conducted for the first year EIE students on various technical activities conducted.
- Teacher's day and engineers day celebrations.
- Guest lectures are organised on various technical advancements.
- Workshops on Robotics on 2<sup>nd</sup>- 4<sup>th</sup> of November, 2015
- INSTRU-SPARK for the first year students conducted in October, 2015

#### **2013-2014**

- Organized Guest Lecture on "Recent Trends in Instrumentation and Future Prospects" delivered by Dr. M. Chandra Sekhar Rao, Senior Manager, Bharath Dynamics Limited, Hyderabad for B.Tech I Year EIE on 12<sup>th</sup> December 2013. The Lecture enlightened the students about various applications of Instrumentation especially in the field of Avionics & Defence. The beneficiaries were 100 students of I B.Tech EIE and others.

- Organized a Guest Lecture for III year EIE students on “Image Processing Applications” delivered by T.C.Sharma, Dean, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad on 31<sup>st</sup> January 2013. The guest lecture covered the basics of acquisition of images, Imaging Science and various Image processing applications. Apart from Digital Image Processing, the basics of Optical and Analog Image signal processing were covered. Biomedical medical applications like detection of diseased area like Tumors, Cancerous growth, Eye diseases etc. through CT, MRT and PET scan were also enlightened. The beneficiaries were 140 students of III B.Tech EIE and others.
- Organized INSTRU-SPARK event for I year EIE students on 20<sup>th</sup> February 2014.

### **2012-2013**

- Convergence 2K12 was conducted on 12<sup>th</sup>-15<sup>th</sup> March 2012. Under this various technical events like Project expo, Open House, Nano Science Workshop were conducted.
- Induction program conducted for the first year EIE students on various technical activities conducted.
- Teacher’s day and Engineers’ day celebrations.
- Guest lectures are organised on various technical advancements.
- Guest lectures are organised on wide range of specialised subjects.