

## INSTRUMENTATION: 2016-2017

S.No	Name of the activity	Page No
1	<b>Industrial Visit to Central Scientific Instruments Organization (CSIO), Chandigarh</b>	1
2	<b>Summer Training on Effect of storage container on the portability of water</b>	2
3	<b>One week short course on PLC and SCADA</b>	2
4	<b>Seminar on Virtual Instrumentation</b>	3
5	<b>National conference on Recent Trends in Instrumentation and Electronics:RTIE-2016</b>	3
6	<b>Technical Fest -Technexus 2016</b>	4
7	<b>Distinguished Lecturer Talk on CMOS Transistors — Operation, Scaling, Reliability and Way Forward</b>	5
8	<b>Talk on Evolution in Modern Technologies and placement drive</b>	5
9	<b>Educational Visit: Semiconductor Laboratory, Chandigarh.</b>	6

- 1) **Industrial Visit-** Department of Instrumentation has organized a two-day industrial tour to “**Central Scientific Instruments Organization (CSIO)**”, Chandigarh for second- and third-year students of Instrumentation on 14th -15th April, 2016. CSIO has infrastructural facilities in the areas of microelectronics, optics, applied physics, electronics, and mechanical engineering.

**No. of participants : 52**



- 2) **Summer Training** - Department in collaboration with other departments organized a training program on “**Effect of storage container on the portability of water**” (May-June 2016)

**Names of the Resource Person:** Dr. Daya Bhardwaj (Department of Instrumentation) & Dr. Manisha Khatri (Department of BMS).

**No. of participants :** 15



- 3) **One week short course-** Department of Instrumentation and Robotics club in association with IEEE EDS Delhi chapter and Futuronix Automation Pvt Ltd, organized a one-week short course on “**PLC and SCADA**” from 25th May 2016-31st May 2016. The event was cosponsored by IEEE EDS Delhi Chapter and DBT Star College Scheme.

**Name of the Resource Person:** Prof. Mridula Gupta, Chairperson, IEEE EDS Delhi Chapter and Professor at Department of Electronic Science, University of Delhi South Campus.

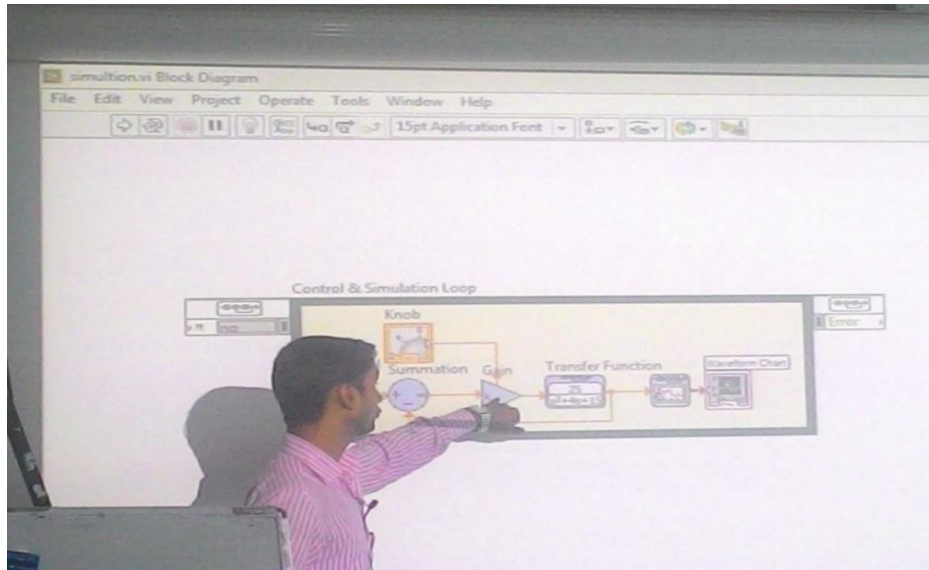
**No. of participants :** 54



- 4) **Seminar-** Department organized a Seminar on “**Virtual Instrumentation**” on 7th September 2016. Seminar included Virtual Instrumentation Using NI LabVIEW, Real time Data Acquisition and recording Using NI LabVIEW, NI Lab VIEW in the field of communication, Control application using NI LabVIEW.

**Name of the Resource Person:** Mr. Avneesh Sinha, Sr. Application Engineer from TRIDENT TECHLABS, Delhi

**No. of participants :**150



- 5) **National conference on Recent Trends in Instrumentation and Electronics:** The Department in collaboration with the Department of Electronics organized the 2nd National conference on Recent Trends in Instrumentation and Electronics (RTIE-2016) on 5th and 6th October, 2016. This conference was supported by IEEE EDS Delhi Chapter. The conference was co-sponsored by UGC, DBT Star College Scheme, and Tipzin. Invited talks were delivered by eminent academicians and people from various industries.

**Names of the Resource Person:** Prof. M Jagadesh Kumar, Vice-Chancellor, Jawaharlal Nehru University.

**No. of participants :**500



6) **Technical Fest-** Department organized its annual technical fest, “**Technexus 2016**” on 20th October, 2016. The fest is organized every year with the objective to provide a platform for the students to showcase their talent with a competitive spirit.

**No. of participants :160**





- 7) **Distinguished Lecturer Talk on CMOS Transistors-** Department of Instrumentation in collaboration with IEEE, EDS Delhi Chapter organized IEEE-EDS Distinguished Lecturer Talk on “**CMOS Transistors — Operation, Scaling, Reliability and Way Forward**” on 23rd January 2017. The event was supported by DBT star college funding.

**Name of the Resource Person:** Prof. Souvik Mahapatra from Department of Electrical Engineering IIT Bombay.

**No. of participants :**200



- 8) **Talk cum placement drive-** Department of Instrumentation organized a talk on “**Evolution in Modern Technologies**” on 14th Feb, 2017. The seminar was attended by final year students of Instrumentation, Electronics and computer science department. Tevatron Technologies proposed a short term course to run at College campus by engineers from Tevatron Technologies on paid basis.36 students appeared for placement drive. From 36 students, 3 students from B.Sc(H) Instrumentation and 1 student from B.Sc(H) Electronics are selected as trainee Engineer.

**Name of the Resource Person:** Mr. Rajeev Tiwari, Director, Tevatron Technologies.

**No. of participants :120**



- 9) **Educational Visit**-Department organized a two day educational visit to “**Semiconductor Laboratory, Chandigarh**” on 11th and 12th April 2017. In all 36 students from B.Sc. (H) Instrumentation IV and VI semester went for the visit along with 3 faculty members

**Names of the Resource Person:** Dr. Sneha Kabra, Ms. Nidhi Aggarwal and Ms. Reshma Sinha.

**No. of participants :40**

