



## Workshop on Arduino Applications

Department of Electrical Engineering in collaboration with APEX AUTOMATION PRIVATE LIMITED, Mohalli, and Punjab conducted one day workshop for 6th semester students. The conducted workshop focus on facilitating the students to gain experience with the Embedded system development board, Arduino. Arduino is an open-source electronics prototyping platform based on flexible, easy-to-use hardware and software.

## Environment Day

India is prone to various natural disasters like flood, drought, desertification, cyclone, earthquake, landslide, forest-fire, pest-attack, epidemic, etc. Environmental degradation, including climate-change, land-use changes and natural resource degradation are aggravating disaster occurrences and impacts. Department of Electrical Engineering have organized an Awareness Programme on the eve of "World Environment Day" (4th June 2017 in Native Area) with an objective to create awareness among students and other sections of the society to Safeguard the Environment for Disaster Risk Reduction.



## One Day Workshop on PLC & SCADA



Electrical Engineering Society having all the students of Department as members in collaboration with i-CAT solutions, a Mohali based company, organized a workshop on Automation and PLC's for 7th semester EE students. Er. Punnet Chopra A.P. EE of the SEE told the correspondent that the department organized this seminars/workshop to make students aware of the latest technical knowhow in the field of Automation and PLC's. Moreover students are able to correlate the theoretical knowledge with the practical one. appreciated efforts of Er. Prince Jindal in regularly organizing such events for the benefit of students.



## Teacher day Celebration

Students of EE organized a honorable event for faculty of Department on teachers Day. Teachers have a great role in everyone's life as teachers are the only source of knowledge for the students. Manpreet Singh student of EE 8th Semester delivered a speech and elaborated in detail about the history for specific date of Teachers Day and mentioned that 5 September 1962 on the occasion of the birthday of former President of the country, Dr. Sarvepalli Radhakrishnan.



## TECHNICAL SESSION ON "TRANSFORMERS"

SEE has organized an Technical Session on "Transformer Winding Techniques" from the students of Electrical Engineering Department. In which approximately 88 students of all the semester participated actively. The keynote speaker was Er. M.S. Gill, H.O.D EE, RIMT IET, Mandi Gobindgarh. He elaborated different techniques and the latest machine those are utilized for transformer winding.

## YOGA DAY

Yoga is an invaluable gift of ancient Indian tradition. It embodies unity of mind and body; thought and action; restraint and fulfilment; harmony between man and nature and a holistic approach to health and well-being. Yoga is not about exercise but to discover the sense of oneness with ourselves, the world and Nature. By changing our lifestyle and creating consciousness, it can help us to deal with climate change. Let us work towards adopting an International Yoga Day



### GUEST LECTURE



To enhance the latest developments related to the optical instrumentation evolved in electrical engineering A guest lecture on Fiber Optic Instrumentation has been delivered by Dr. Satish Kansal Associate Professor BHSBIET, Lehrgagaga. He elaborated the area of Instrumentation and discussed the way of utilization of optic in latest instruments used for the electrical engineering work. Students of 5th and 7th semester collected the valuable thought of Dr. Kansal

Department of Electrical engineering organize Guest lecture on Hurwitz polynomials –properties for the students all the semesters. The expert was Er. M.S Gill, Assistant Professor RIMIT University he shared his valuable knowledge and explain the importance of mathematical knowledge in engineering. Approximately 93 students awarded with participation certificates and collected the valuable thoughts of Mr Gill. Students, Staff members of Electrical Engineering along with H.O.D pays gratitude towards the expert for his valuable time.



### Guest Lecture

### INDUSTRIAL VISIT

Students of Electrical Engineering Department visited CRYSTAL ELECTRIC CO. PVT. LTD. is an ISO 9001: 2008 certified company, had a modest beginning in the year 1960 with S. Pritam Singh, the founder, with the manufacturing of Low Voltage Switchgears.

.By dint of his hard work, determination and farsightedness the company made remarkable success in the market. CRYSTAL ELECTRIC CO. PVT. LTD. started manufacturing of Changeover Switches from the year 1966. Quality and firm belief in perfection resulted in constant upgrading of technology and expansion of the existing production facilities to meet the ever growing demand of CRYSTAL products. Cont.. 4





## INDUSTRIAL VISIT

The assets of the company are qualified & experienced workforce we hold. At CRYSTAL we accept new challenges to test our ability and expertise to enhance our technical and quality level to remain as market leader. Despite of the stiff competition and the presence of many multinational players, CRYSTAL has it's own identity and stable demands for it's products.

### Mission of Department

**M1 -- To evolve as an innovative & globally competent Electrical Engineering department that contributes to the socio - economic growth of region by utilizing the advancement in Electrical Engineering by providing conducive learning and interactive environment to students and faculty.**

**M2 -- To impart the quality education and enhance skills for developing globally competent Electrical Engineers.**

**M3 -- To provide state -of -the -art facilities and opportunities to create, interpret, apply and disseminate knowledge.**

**M4 -- To develop students and faculty to cope up with modern technology with research attitude to meet industry standards effective industry interface.**

The company is growing leaps and bounds by adding new products to its existing range with latest modernized technology manufacturing like MCCB's and catering to the market needs all across the country. Our R&D Centre, backbone of our company is equipped with state of art testing equipment to design cutting edge technology, cost effective products without compromising the quality aspect for guaranteed customer satisfaction. Presently the company manufactures CRYSTAL brand On Load and Off Load Changeover Switches, Switch Fuse Changeovers, Load Break Switches, Switch Disconnecter Fuse Units, MCCB's, MCB's, Isolators, MCO, Rewireable & HRC Switch Fuse & Fuse Switch Units, L.T. Control Switches, etc., meeting latest international standards and also having ISI Licence on its products from Bureau of Indian Standards.

### Vision of Department

It is aimed to provide the finest environment for teaching, learning, research, innovation and character building so as to mould youth of today into world-class technocrats of tomorrow who would endeavour to increase the quality of life for mankind.

**-To provide quality technical education to prepare globally competent and ethically strong Electrical Engineers with power of innovation to contribute the knowledge for the betterment of society.**

**To emerge as a leading Department of Electrical Engineering that caters to the latest needs of power sector, electrical & allied industry in the region..**