

Workshop on Futuristic Developments in Robotics and Embedded Systems

The Electronics & Communication Engineering Department of Global Institutes, Amritsar organized 3-day workshop on "Futuristic Developments in Robotics and Embedded Systems" for its faculty and students. The three day workshop was conducted by Mr. Ashish Sethi and his team from EESPL, Chandigarh.

The team worked with the students to develop 3 fully working Robots -FIRO ROBO, MARSIAN ROBO and JCBIAN ROBO. FIRO ROBO is a prototype of an unmanned Robot machine which is used to extinguish fire. MARSIAN ROBOT is based on the prototype of a Mars vehicle launched by NASA for collecting some useful information from planet Mars. JCBIAN ROBO is the prototype of the real time machine i.e. Earth mover. It is a major construction and agriculture equipment. JCBIAN Robo is very helpful for working hazardous, challenging condition where its almost impossible for humans to reach. Apart from the very interesting practical work in the lab, the different sessions held during these three days focussed on the basics of robotics, its applications, input/ output devices interfacing and its need, programmes with stepper motor and its applications.



