Robotics show at IoBM

Robotics inspires students to make connections across several disciplines rather than learning in isolation as it combines mechanical, electronic, electrical and programming skills. Robotics is playing a cutting edge role in diverse sectors such as manufacturing, avionics, medicine, defense, automobile, and entertainment to name a few. As technology becomes increasingly important in today’s world, it is invaluable to not only learn how to use technology, but also to understand how to create it. Technology is the future and today’s kids are tomorrow’s technologists.

The recent example is WHY-PHY’ 2015, organized by students and faculty of Electrical Engineering Department, Institute of Business Management (IoBM), says a report from IoBM Public Affairs Section. Such events were scheduled as Robo War, Tour De Mind, Sling Shot, Gear Up, Junk Art, Capture the Nature, Environmental Entrepreneurship, Project Competition, Counter Strike and Fifa etc. This is an IoBM activity in experiential learning when students plan, organize coordinate and promote events amid the guidance and supervision of their respective faculty advisors. Activities and competitions pertaining to this magnanimous students’ Robotics Show at IoBM was programmed at its state-of-the-art Students’ Activity Centre, contemporary labs and mammoth Convocation area amid keen interest, direct interaction and worthy guidance of Mr. Talib Karim, Rector; Dr. Syed Irfan Hyder, Dean; Ms. Seema Ansari, HoD, Department of Electrical Engineering; illustrious faculty and meticulous management.

Earlier IoBM designed robotics workshop for beginners. Students learnt about robotics world and to build their own line following robots. They learnt about mechanical structures, types and functionality in robots, sensor and circuit functions and assembled their own robots. Students learnt to burn programs in microcontroller and how robots can perform different task. This was a skill development workshop to enable students to participate in national competitions and robotics’ events. IoBM also designed robotics workshop for engineering students or those familiar with basic robotics and had passion and interest to learn about robotics world, Pro-E modeling, PIC microcontroller programming, simulation software Proteus, circuit designing, build own line following robot to perform tasks by programming.

0334-3013971 021-35091905 parvez@iobm.edu.pk