“Workshop on Lego Mindstorm EV3 controller for 2\textsuperscript{nd} and 3\textsuperscript{rd} year students of Computer Science department was organized in collaboration with ATLAB (Advance Technology for Learning Business).”

A workshop on Lego Mindstorm EV3 controller for 2nd and 3rd year students of Computer Science department was organized in collaboration with ATLAB (Advance Technology for Learning Business) on 7th March, 2017. Mr. Mena Yaqoob and Mr. Karthick Thiagarajan from ATLAB were the resource persons.

The workshop began with a brief introduction of ATLAB and LEGO Education. Students were made aware of various competitions in the field of robotics including World Robotic Olympiad (WRO) and First Lego League (FLL).

The interactive session began by dividing the students into six groups. Each group was given a Lego Mindstorm kit with an EV3 controller to work with. The speaker then briefed the students on the kit’s components and familiarized the students with the various motors and sensors present in it. The groups were then asked to assemble their very first robots. After few simple programming demonstrations, the students were given various tasks to perform with their robots as exercises, which the students thoroughly enjoyed. Every activity highlighted new features of the robot, proved to be a challenge for the students and facilitated learning in an interesting manner.

The workshop concluded with the speaker demonstrating various other similar softwares and kits including Tetrix, SAM, and Flowcode. This exposed the students to learn and explore more in the field of not only robotics, but also other trending topics such as Internet of Things.

Overall, the workshop proved to be very informative, interesting, and enjoyable. The flow of the workshop was suitable for all students. All topics were presented in an organized manner. The students expressed their gratitude to their Head of Department, Ms. Vijaya P. for organizing the workshop.

Dean, Prof. S.L. Gupta and Assistant Dean, Dr. Alok Khuswaha encouraged the students to participate in the Robotics competition.