

Artificial Intelligence in Robotics is a boost in Technology

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“The Science of Today is the Technology of tomorrow” and “The youth of Today is the Future of tomorrow” implementing this vision in the field of Science & Engineering, Career Point University organized a workshop on “All India ROBOTICS CHALLENGE (AIRC)” on the theme of ARTIFICIAL INTELLIGENCE, for all students of Electrical Department. The workshop cum challenge was conducted by TechieNest, which aimed at providing advanced knowledge to engineering students about the use of Artificial Intelligence in making self decision making AI bot. The trainer of the workshop, Mr. Prashant Singh who is an Embedded Systems Engineer & Trainer taught students about the programming of an autonomous bot with memory mapping smart device, grid following and using wireless technology.

Starting the session with an introduction to robotics, artificial intelligence and microcontrollers, Mr. Singh extended his tutorial by giving a wide description about Tech Smart board. He said that, “No information is complete without its practical implementation.” And presented a practical demonstration of preparing an AI bot. Students were provided with a hardware kit and taught how to write program in embedded C and dump on the chip, showing different pattern of LED blinking. In continuation, serial communication & Bluetooth technology was used to illustrate the Smart Phone control AI bot.

Students were divided in the group of four and were examined to create an AI bot with the help of Techie Smart Bot kit provided to each group. All the participants were awarded with the certificates in association with the nvision & IIT Hyderabad and will be given a golden opportunity to participate in the National Level Robotics Championship “Nvision-2017” of IIT Hyderabad.

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