

PROFESSIONAL LECTURE SERIES: LECTURE-7

ON INTERNET OF THINGS

6th APRIL 2018

Gitarattan International Business School conducted a workshop on Internet of Things (IoT) on the 06th April 2018. IoT, refers to a concept where all kinds of physical devices around the world can be connected to the Internet, collecting and sharing data. Due to the availability of inexpensive processors and wireless networks, it is possible to transform anything, from a table clock to an airplane, into part of the IoT. This adds a level of digital intelligence to devices that would be otherwise dumb, enabling them to communicate without a human being involved, and merging the digital and physical worlds.



The lecture was conducted by Mr Aamir Khan of M/s Aprton Solutions Pvt Ltd. The event began with a formal presentation on IoT whereby the concept and its working principles were explained. Mr Khan brought out that any physical object can be transformed into an IoT device, if it can be connected to the Internet. The talk also covered aspects such as current status & prospects, functioning & applications of IOT, technical challenges and criticism & controversies.

After the talk Mr Khan gave a demonstration of how IoT can be practically used. He used the Python language, embedded on a Raspberry Pi platform to control a relay to switch on and switch off a light bulb. He also demonstrated how the same can be accomplished using a simple web based application. The demonstration was innovative and interesting. The most intriguing part was the challenging modifications that were thrown open to the house. Students gave novel solutions.

All through the demonstration, the training team interactively engaged the audience by asking questions on programming and networking aspects. And based on the answers given four students, Abhishek of MCA (I)-4, Pushpendra & Anshita of MCADD-6 and Kanika of MCADD-8, were awarded certificates of excellence.

The lecture was informative and precise. The participants were actively engaged.

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