



Marwadi Universal Education Pvt Ltd.
announces

Comprehensive Hands on Workshop on Internet of Things (IoT)

Limited Seats – Hurry Up

For Registrations,

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4-6 April 2016

R&D Lab, MEFGI FCA Dept. Rajkot Morbi Road

For Group Registrations Contact

rajesh.nagawade@marwadieducation.edu.in 9687607659

Name of the Workshop	Three Days Hands on Workshop on Internet of Things (IOT) (Let us connect the Physical World with Digital World Learn here and try doing it yourself)
Date & Time	4-6 April 2016, 9 am to 3 pm
Schedule	09.00 To 10.30 am Module 1 10.30 To 10.45 am Tea Break 10.45 To 12.15 pm Module 1 12.15 To 01.00 pm Lunch Break 01.00 To 03.00 pm Module 2
Venue	R & D Lab, MEFGI FCA Department, Rajkot Gujarat
Faculty	Prof. Bhavesh Javani Faculty of Computer Applications, MEFGI, Rajkot, Gujarat
Industry Collaborator	NConnect Rajkot, Gujarat
Introduction	<p>The Internet of Things (IoT) is a scenario in which objects, animals or people are provided with unique identifiers and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction. IoT has evolved from the convergence of wireless technologies, micro-electromechanical systems (MEMS) and the Internet.</p> <p>IoT has a lot of applications which in some cases can be lifesaving. IoT is still in its developmental stages and is mainly concentrated in the manufacturing industry where communication is machine-to-machine. Some of lifesaving situations where IoT can really help are Emergency Treatment, Accident zones, Assisted living, Smart living, and many more.</p> <p>IoT can help us to lead a happy and comfortable life. We need to move from just the industrial application to the cases which will help a common man.</p>
Who Should Attend	<p>A. PG/UG students (MCA, M.Tech, ME, BE(IT,CS), BCA, B.Sc(IT))</p> <p>B. Faculty members</p> <p>C. IT Professionals & developers</p>
Prerequisite	Basic Awareness of IT
Contents	
Day 1	Module 1(3 Hours)
	<p>Global view of Internet of Things</p> <p>Platforms for IoT</p> <p>Role of IPv6</p> <p>IoT Applications</p> <p>IoT Cycle</p> <p>Key IoT Technologies</p> <p>Design Issues</p> <p>Technological Challenges</p> <p>IoT Security</p> <p>IoT & Big Data</p>

	Impact of IoT New Opportunities Created by the IoT
	Module 2 (2 Hours)
	IoT based Industrial products demonstration by NKonnect Infoway Pvt. Ltd.
Day 2	Module 1 (3 Hours)
	IoT technologies (Hardware & Interfaces): Architecture, Features and its Applications
	Module 2 (2 Hours)
	Understanding the developer interface of IoT devices – Raspberry pie, relay board, GSM Modem, etc.
Day 3	Module 1 (3 Hours)
	Interface development of basic electronic home appliances using IoT technologies
	Module 2 (2 Hours)
	Programming of basic electronic home appliances using IoT technologies
Cost of Workshop	Corporate: Rs 2000/- Faculty: Rs 1000/- Students: Rs. 700/- 25 % concession will be given to CSI members, on the basis of proofs
Contact for Registrations	Ms. Digna Kotak: 7573012821 digna.kotak@marwadieducation.edu.in
Contact for Group Registrations	Mr. Rajesh Nagawade: 9687607659 rajesh.nagawade@marwadieducation.edu.in