BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT
YELAHANKA, BENGALURU – 560064
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Open Course
On
SOLUTIONS FOR REAL TIME PROBLEMS USING IoT

Course Coordinators

Dr.Anil kumar D, Prof.Thyagaraj T
Department of Electronics and Communication Engineering

Hurry Up!!!

Date: **June 12-16, 2023**

Objective of the Course : IoT allows businesses and people to be more connected to the world around them, and to do more meaningful, higher-level work. A complete IoT solution integrates four distinct components: sensors/devices, connectivity, data processing, and a user interface.

The Internet of Things has proven to be one of the most useful technologies in the healthcare industry. It aids in the provision of specialized healthcare to patients, doctors, and researchers. Smart diagnosis, wearable devices for tracking health, patient engagement, and several other services are available. Besides, IoT applications have alleviated undue pressure on the healthcare system.

Open - Course Coordinators

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Registration Fee: Rs.400/-
Last date for Registration: June 8, 2023
Course Commencement: June 12, 2023

Online Fee Payment Details:
1. Login into: https://bmsitm.gnums.in
2. Go to Menu Fee->other Fee
3. Select the Fee Head as Open Course fee and pay Rs. 400/-

Department of Electronics and Communication Engineering

Course Schedule: "Solutions for Real time systems using IoT"

12th June 2023 to 16th June 2023

Sl No.	Date	Topics covered	Break	Topics covered	Break	Topics covered	Assessment/feedback
		8:30 to 10:30 am	**10:30 to 10:50 am**	**10:50 to 12:50 pm**	**12:50 to 1:50 pm**	**2:00 to 4:00 pm**	**4:00 pm to 4:30 pm**
1	12.06.2023	Inauguration, keynote address	TEA BREAK	Introduction to IoT, Emergence of IoT	LUNCH BREAK	Basics of Networking	Overall Feedback & Assessment
2	13.06.2023	IoT sensors		IoT actuators		IoT processing Topologies	Overall Feedback & Assessment
3	14.06.2023	Cloud computing		IoT application Demonstration		Agricultural IoT, Vehicular IoT	Overall Feedback & Assessment
4	15.06.2023	Health care IoT		IoT analytics		IoT application Demonstration	Overall Feedback & Assessment
5	16.06.2023	IoT application Demonstration		IoT application Demonstration		Quiz	Overall Feedback & Assessment

Instructions to the Participants:

1. Prerequisite: Students should have basic knowledge of computer, microcontroller, transducers, networking, Data analytics.
2. Student should be on time to sessions, attendance compulsory