Online 5 Days FDP on

"Introduction to IoT"

(Practical demonstration of application)
VTU MCA 2020 Syllabus 20MCA32/37

20/09/2021 to 24/09/2021

REGISTRATION DETAILS

Registration Link:
https://forms.gle/FU9PSwvkfaZbjem18
or
use QR Code for registration:

or
Fill below information

Name:

Designation:

Dept.:

Institution:

Signature

Signature of HoD/Principal

Targeted Audience
Faculty members of MCA and allied branches & students

Duration
Duration of the Programme: 5 Days

Fees
Faculty: Rs.1000.00, Students: Rs.500.00
Account Details to remit fees:
21096732049, **IFSC:** IDIB000A682
Bank Details: Indian Bank, Avalahalli, BMSIT Campus, Yelahanka, Bangalore-560064

Resource Person:
Experts from Advanced Electronic Systems, Bengaluru
Dr. Mrunalini M
Assistant Professor, MCA, MSRIT, Bengaluru
Mr. Dwarakanath GV
Assistant Professor, MCA, BMSIT&M, Bengaluru

Contents covered
VTU MCA 2020 Syllabus, Programs of III semester IoT Laboratory with Mini Project (20MCA32/37).

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BMS Institute of Technology & Management

Avalahalli, Yelahanka, Bengaluru-560064
(NAAC 'A' Grade Accredited Institution)

Department of Master of Computer Applications
(NBA Accredited)

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In association with
CSI Student Chapter, Bengaluru

About the Institute

The history of BMS institutions dates back to the year 1946. Late Sri B.M. Sreenivasaiah, a Philanthropist and Visionary, realized the importance of technical education in the country. BMS College of Engineering, which he started in the year 1946, has distinction of being the first private engineering college in the country. Sri. B.M. Sreenivasaiah was conferred with the title "Dharmaprakasha Rajakaryaprasakta" by the Maharaja of Mysore for his great service in the education sector. The inheritors of his legacy continue to cherish and uphold his vision and ideals.

After the demise of Sri B.M. Sreenivasaiah, his illustrious son, Sri B.S. Narayan, a dynamic and enterprising personality, developed BMS College of Engineering into one of the finest engineering colleges. He was responsible for the creation of BMS Educational Trust (BMSET) under which he established other institutions of higher education including BMS College of Law, BMS College for Women & BMS Evening College of Engineering. He was instrumental in initiating several collaborative programs, such as cross cultural programs with M/s Melton Foundation & training foreign students under International cooperative division. After the demise of Sri. B.S. Narayan, the affairs of the BMS Institutions are being effectively managed by The Council of Trustees appointed by Dr. B.S. Ragini Narayan, wife of Late Sri. B.S. Narayan, the Chairperson, the Donor Trustee & the Member Secretary of BMS Educational Trust.

About the Department

The Department of MCA was established in the year 2003 with an approved intake of 60 students with an objective of imparting quality education to students. The MCA program is provisionally accredited by National Board of Accreditation. The Department has 11 qualified and dedicated teaching staff and 2 technical staff who put in their best possible efforts to ensure that the students gain the knowledge along with other life-skills, which helps them to face the world confidently and with high self-esteem. The Department has obtained 11 ranks at VTU level since inception. Disciplined environment, conducive to Teaching-Learning, with rigorous academic monitoring is maintained. There are many best practices that are followed in the Department including Project Based Learning, Partial Delivery of courses, Value Added Courses etc. to facilitate a better Teaching-Learning environment.

Preamble

Internet of Things (IoT) is the communication bridge between computer to sensors, sensors to sensors, sensors to computer and sensors to human. It is network of all the physical devices. It connects the objects and allows to exchange data. Everything is identified uniquely by embedded computing system.

IoT world today is connecting people who implements and who makes decision, IT and people who are in business. IoT is finding solutions where human intervention is difficult, making human work less and easy in all the possible ways. Manual is difficult and also not efficient, people make mistake, operating heavy machinery is big task. IoT has made this easy reducing the human intervention with the machines. Anyone can operate sitting in the corner of the world, this is made by IoT. Sensors and actuators are used as the tools to detect and get inputs, this works as the major role in emerging smart cities.

The 5days online FDP covers the contents of VTU-MCA 2020 syllabus 20MCA32/37 both theory and lab programs with hands on sessions.