

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY



Bengaluru- 562 157

DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING



organises

Two Days Hands on Training Program on "Internet of Things- IoT"



08th & 09th , February 2023

in association with



CHIEF PATRON

Prof. RAKESH S. G.
Principal

PROGRAM CONVENER

Dr. H.L. SURESH
Professor & Head, Dept. of EEE

MENTORS

Dr. M.S. SURESH
Professor, Dept. of EEE

Dr. MAKESH K.
Professor, Dept. of EEE

PROGRAM COORDINATOR

Dr. PARTHASARATHY V.
Associate Professor, Dept. of EEE
(Mobile No: 99869 30708)

Interested students can register using the link <https://rb.gy/p96whj>

ABOUT THE INSTITUTION

Standing tall at the forefront of quality education in the state of Karnataka, Sir M. Visvesvaraya Institute of Technology (Sir MVIT), Bangalore strives to inculcate in its students a sense of pride and empowerment, driving them to explore opportunities at building their career. Sir MVIT is founded by Sri Krishnadevaraya Educational Trust (Sri KET) in 1986. The institute at present offers Ten B.E. degree programs and four Masters Programs in various Engineering disciplines. The Institute is affiliated to Visvesvaraya Technological University (VTU), Belagavi and approved by All India Council for Technical Education, New Delhi and is accredited by National Board of Accreditation, New Delhi. Sir MVIT is an ISO 9001:2008 Certified Institution.

ABOUT THE DEPARTMENT

The Electrical and Electronics Engineering Department of Sir MVIT was established in the year 1987, offers four year B.E. program in Electrical and Electronics Engineering and provides a stimulating environment for the students to execute their in-house project works. The department has a sound infrastructure with well facilitated laboratories and classrooms. It has well qualified and dedicated faculty members with vast experience and diverse

specializations. The core competency is mainly in the area of Power System, Power Electronics and Drives, Signal Processing, VLSI, Distributed Generation Systems, etc. The Department has recognized as an R&D Centre by VTU in the year 2002 and successfully carried out funded projects funded by various organizations. It organizes many workshops, FDPs, Training sessions, Competitions and Industrial trips for enhancing the knowledge of Faculty and students.

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**SIR M. VISVESVARAYA
INSTITUTE OF TECHNOLOGY**
(Affiliated to VTU, Belagavi | Approved by AICTE
Accredited by NAAC UGC)

Off International Airport Road,
Hunasamaranahalli,
Yelahanka,
Bengaluru, Karnataka - 562157



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ENGINEERING**

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Two Days

Hands on Training Program

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"Internet of Things- IoT"

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in association with



Cranes Varsity

'Where Technology Meets Excellence'

Bengaluru, Karnataka

ABOUT THE PROGRAM

With the wide availability of Broadband Internet, the cost of connecting more devices to internet has drastically reduced. Internet of Things has thus emerged which allows literally any device to the internet. By connecting 'things' in the real world such as Cars, Buildings and Industrial Equipment, IoT promises to revolutionize how we live and work. Primarily, IoT is based on Distributed sensor data aggregation. The first stage of IoT application will involve machine to machine communication. The objective of this two days training program on IoT is to impart working knowledge in Internet of Things to students and to train them the basic design process of IoT technology. Students will be motivated to implement their innovative ideas into a prototype using embedded development boards and process the data collected from various sensors in the cloud for automation during this training.

The proposed training Program will cover

- ❖ The introduction to IoT, Raspberry Pi3 Board and Python GPIO programming
- ❖ Desktop access of Raspberry and interfacing display devices
- ❖ Interfacing Sensors to Raspberry Pi
- ❖ ThingSpeak cloud Communication using HTTP
- ❖ SMTP communication, Remote controlling using Telegram Bot

REGISTRATION DETAILS

- ❖ The Registration fee for this program will be Rs. 950 (Rupees Nine Hundred and Fifty only) per student that is inclusive of Course fee and study material. The payment details can be obtained using the link <https://rb.gy/p96whj>
- ❖ The number of permitted participants is 30 (Thirty) only.
- ❖ Students will be divided into teams of 4 members each and the hands on sessions conducted.
- ❖ Certificates will be provided to all the participants.
- ❖ For any assistance, please contact program coordinator through mobile No 99869 30708.
- ❖ Mail id: parthasarathy_eee@sirmvit.edu



Address for Communication
Sir M. Visvesvaraya Institute of Technology
Off International Airport Road,
Hunasamaranahalli, Yelahanka,
Bengaluru, Karnataka 562157

REGISTRATION FORM

Two Days
Hands on Training on
"Internet of Things- IoT"

08th & 09th February 2023

Name:

Designation:

Department:

College/Organization:

Contact Address:

Mobile Number:

e-mail:

Whether the Institution is approved by
AICTE? Yes/No

Declaration

All the above information are true to
my knowledge and I will attend the program
for the entire duration, if got selected.

Signature of the Participant