



**MANIPAL**  
ACADEMY of HIGHER EDUCATION  
BENGALURU CAMPUS  
*(Institution of Eminence Deemed to be University)*

A One-Day Workshop on  
**"Sensing, Automation and IoT using  
SST IoT development board"**  
**22<sup>nd</sup> March 2025**



**Organized by  
Department of Computer Science &  
Engineering, Manipal Institute of  
Technology, Bengaluru**

**Director** : **Dr. Iven Jose**  
Director,  
MIT Bengaluru

**Head of the Department: Dr. Prema K.V**  
Associate Director and HoD  
Department of Computer Science &  
Engineering.

**Coordinator** : **Dr. Karthik S A and Dr. Vamshi Krishna**  
Department of Computer Science &  
Engineering, MIT Bengaluru.

**Registration Fee** : **Free**

**Registration link** : <https://forms.office.com/r/wpWBzr9xcF>

**Address of Coordinator**

Dr. Karthik S A and Dr. Vamshi Krishna  
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## About the Institution

The Garden City of India, Bengaluru, is now home to a new engineering institution – “MIT Bengaluru” – the latest constituent unit of **Manipal Academy of Higher Education (MAHE)**. MAHE is proud to open its doors in the bustling cosmopolitan IT hub of Bengaluru by establishing its new engineering campus: MIT Bengaluru. It is offering five B Tech programs starting from 2021, with approval from the All India Council of Technical Education (AICTE), MHRD, and the Government of India. The five approved programs are Computer Science and Engineering, Information Technology, Electronics and Communication, Computer Science and Engineering–Artificial Intelligence, and Computer Science and Engineering–Cyber Security. MAHE has been recognized as a Deemed-to-be University since 1993 and has been accorded the status of Institute of Eminence (IoE) by MHRD, Government of India. Admission to MIT Bengaluru is based on a computer-based online entrance test, MET, conducted by the MAHE.

Over the years, MAHE has transformed itself into a center of excellence that offers knowledge to about 33000+ students from 67+ nations, ably supported by 2500 faculty and almost 10000 support and service staff. Consisting of sister campuses in Jaipur, Mangalore, Bengaluru, Jamshedpur and Sikkim, along with off-campuses in Dubai, Malaysia, Nepal and Antigua, MAHE offers various courses that cater to a wide variety of students. There are 375+ academic programs across 31+ disciplines, including medicine, engineering, dentistry, nursing, allied health sciences, architecture, management, communication, humanities and many more.

## Facilitators:



**Dr. Sreenivasa Setty** is a seasoned technologist and entrepreneur with over 34 years of experience in bridging the gap between academic learning and industrial applications. As the Founder and Chief Technical Officer (CTO) of SST Technologies Bengaluru, he has been instrumental in delivering cutting-edge training solutions in emerging technologies, including IoT, Embedded Systems, Robotics, and Software Development.


## Expertise:


- **IoT Solutions Development**
- **Embedded Systems**
- **Technology Training**
- **Web and App Development**

## Program Outline


1. Overview of the SST-IoT Development Board and GPIO Pins
2. Serial Communication & Digital Sensor Interface
3. Introduction to Light Dependent Resistor (LDR)
4. Blynk Cloud IoT Application

## Details of the workshop:


 **Date:** 22<sup>nd</sup> March 2025

 **Time:** 09:30 AM - 4:30 PM

 **Venue:** Manipal Institute of Technology, Bengaluru

 **Room:** Lab 307, 3<sup>rd</sup> Floor, AB5 Block

◆ **Limited Seats!** This exclusive hands-on workshop is open only to registered participants.

 **Bring Your Own Laptop!** To ensure an interactive and immersive experience, participants are required to bring their laptops. Get ready to code, build, and innovate! 🚀