

## CHIEF PATRONS

### Mr. Manoj Dwivedi

Solutions Director, KPIT, Bengaluru

### Prof. Virander Singh Chauhan

Chancellor, GITAM

## PATRONS

### Prof. Dayananda Siddavattam

Vice-Chancellor, GITAM

### Prof. KNS Acharya

Pro Vice-Chancellor, GITAM Bengaluru

### Prof. D Gunasekaran

Registrar, GITAM

## CO-PATRONS

### Prof. Basavaraj Gundappa Katageri

Director, School of Technology,  
GITAM Bengaluru

## CONVENOR

### Prof. Vamsidhar Yendapalli

HOD, Dept. of CSE, GST, GITAM Bengaluru

## CO-ORDINATOR

### Prof. Mohan K G

Dept. of CSE, GST, GITAM Bengaluru

## ORGANIZING COMMITTEE

### Dr. Sowmya S

Assistant Professor

### Dr. Anandhan K

Assistant Professor, Dept. of CSE, GST, GITAM  
University, Bengaluru

### Mr. Rajesh Sola

Deputy Director, GITAM University, Bengaluru

## TARGET PARTICIPANTS

The target participants for the proposed FDP will include faculty members of CSE & ECE department of all three GITAM campuses. Maximum of 20 participants will be selected for this FDP on first come first serve basis.

## VISION

To be an exceptional knowledge-driven institution advancing on a culture of honesty & compassion to make a difference to the world.

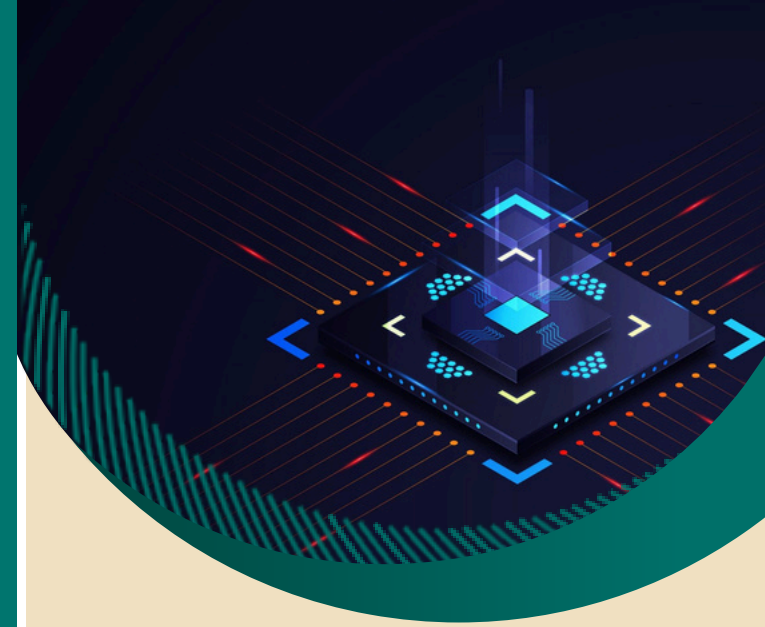
## MISSION

Build a dynamic application-oriented education ecosystem immersed in holistic development.

Nurture valuable futures with global perspectives for our students by helping them find their ikigai.

Drive impactful integrated research programmes to generate new knowledge, guided by integrity, collaboration, and entrepreneurial spirit.

Permeate a culture of kindness within GITAM, fostering passionate contributors.



Department of Computer Science and Engineering  
**ORGANIZES**

Faculty Development Programme on

# "Foundation of Automotive Embedded Systems"

**27th May 2024 TO 01st June 2024**

GITAM School of Technology  
Bengaluru Campus Nagadenahalli, Bangalore-562163

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[www.gItam.edu](http://www.gItam.edu)

## ABOUT GITAM

GITAM has been committed to excellence in higher education foraying into diversified disciplines of learning under the visionary leadership of Founder-President, Dr. M.V.V.S Murthi since its inception till 2018 and presently under dynamic leadership of President Sri. M. SriBharath. GITAM has been steadily evolving into a world-class Deemed to be university with vibrant campus-activity in Bengaluru, Visakhapatnam, and Hyderabad. GITAM Bengaluru campus initiated in 2012 is known for its creative dynamism and innovation, offering varied programs and skill development training shaping our student's industry ready who strive in turn for societal development.

## ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering has well-equipped laboratories and highly qualified faculty members. The Department aims at fostering excellence in academics and research in Computer Science & Engineering. The Department is also gearing up to provide education in emerging industry oriented courses on the Internet of Things, Artificial Intelligence & Machine Learning, Cyber security and Data Science.



## ABOUT FDP

This FDP aims at providing all the vitalities and deep knowledge to do high end research in the fields of Foundation of Automotive Embedded Systems. The technical session is customized in such a way that both beginners and experienced personnel in the field of automotive industry can handle the hardware and the programming software with ease. The objective of this FDP is to provide hands-on training through automotive embedded system. The programme will enable the participants to understand and design hardware and software modules for their simple applications.

## PROGRAM CONTENTS

**Theme 1:** Overview of Embedded Systems (Industry Aspects) + Introduction to PDLC

**Theme 2:** Embedded Systems Walkthrough Workflow

**Theme 3:** Automotive Foundation

**Theme 4:** Automotive Feature Selection

**Theme 5:** Embedded System Implementation

## GUEST SPEAKERS

**Mr. Prakash Satyanarayan**

VP & Head Communications, Tata ELXSI, Bengaluru.

**Dr. Bhargav N**

Senior Education Specialist, TATA Technologies, BLR.

**Mr. Raghav Ankur**

Senior Lead, L&D, KPIT, Bengaluru.

**Mr. Rahul V**

Technical Lead, KPIT, Bengaluru.

**Mr. Manusudhan B S**

Project Manager, Tectevo Technology, Bengaluru.

## REGISTRATION FORM

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Address for Correspondence: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mobile: \_\_\_\_\_

Email ID: \_\_\_\_\_

Experience: \_\_\_\_\_

Teaching: \_\_\_\_\_

Industry: \_\_\_\_\_

Research Interests: \_\_\_\_\_

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Applicant's Signature