

## Resource Person

**Mr. Thejesh P**  
Founder and CTO  
Loginware Softtec Pvt. Ltd.

### Chief Patrons

Sri. Gundappa Gowda  
Hon. President, VVS®, Mysuru

Sri. P. Vishwanath  
Hon. Secretary, VVS®, Mysuru

Sri. S. N. Lakshminarayana  
Hon. Treasurer, VVS®, Mysuru

### Program Chair

Dr. Ravi Kumar V  
HOD, CSE, VVCE

### Advisory Chair

Dr. B. Sadashive Gowda  
Principal, VVCE

### Organizing Committee

Dr. Paramesha K  
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Prof. Karthik V  
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Prof. Ambika V  
Prof. Shashank N

### Target Audience

Faculty members From Engineering  
Colleges across Karnataka

### Total Strength

20-30 Participants

### Registration: ₹ 500

Follow the link or  
scan the QR code

<https://forms.gle/LiFtTugzx63NX2Gk8>



### Payment Method

Demand Draft (DD) in the  
name of Principal, VVCE,  
Mysuru. Submit the DD  
during registration process.



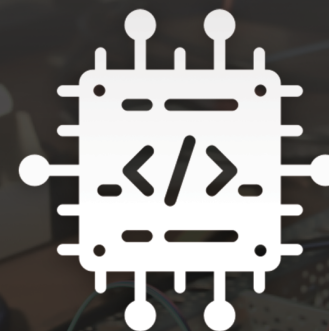
Vidyaavardhaka Sangha®, Mysuru  
**Vidyaavardhaka College of  
Engineering**

III Stage, Gokulam, Mysuru, Karnataka 570002  
Accredited by NBA, New Delhi  
Accredited by NAAC with 'A' grade

**Department of Computer Science  
& Engineering**



## Faculty Development Programme



## Microcontrollers & Embedded Systems



Department of Computer Science & Engineering,  
Vidyaavardhaka College of Engineering



3<sup>rd</sup> to 5<sup>th</sup> February, 2020

# V

## IDYAVARDHAKA COLLEGE OF ENGINEERING

Vidyavardhaka College of Engineering is one of the prestigious engineering college in Karnataka. Established in 1997, VVCE has grown in leaps and bounds since inception. VVCE is affiliated to Visvesvaraya Technological University (VTU), Belagavi, approved by AICTE, New Delhi and recognized by Govt. of Karnataka. VVCE functions through its Board of Governors constituted as per AICTE guidelines.

The college is under the able leadership of Dr. B.Sadashive Gowda as Principal, who has rich experience in industry and education fields both in India and abroad. Five UG programs are accredited by National Board of Accreditation, New Delhi. VVCE is accredited by NAAC with 'A' grade. The college has excellent infrastructure coupled with qualified and passionate faculty team to provide a perfect learning ambience.

# D

## EPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Department of Computer Science and Engineering was established in the year 1997. Right from its inception, the objective has been to impart quality technical education.

The students get an opportunity to specialize in various fields like Artificial Intelligence, Networks, Data Mining, Machine Learning and Cloud Computing. It is well equipped with state-of-art facilities including Apple and Intel centers of excellence.

The Department of CS&E is accredited by NBA and has an intake 180 at UG level and 18 at PG level, with a total student population of 650. It also offers a Ph.D. program through its VTU Research Center.

# A

## BOUT THE FACULTY DEVELOPMENT PROGRAMME

The Department of Computer Science and Engineering of Vidyavardhaka College of Engineering is organizing a 3-day FDP to disseminate the knowledge on ARM7 series based microcontroller/microprocessors' programming for embedded application development coupled with integrated hands-on LAB sessions on programming and simulation to enhance the learning experience.

The FDP will be a comprehensive workshop covering ARM architecture, building blocks, key features and programming.

# O

## BJECTIVES

The objective of the FDP is to:

- > Understand Architecture and Memory organization of ARM 7 based microcontrollers.
- > Illustrate Programming of system components through Hands-on sessions.
- > Simulate the program using the KEIL simulator.
- > Interface the off/on-board components to design and develop embedded applications.

### Note:

Participants will be provided with ARM7 development/training tool kit for Hands-On Sessions.