



# Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Date: 22/1/2020

To,

The Principal

AIET, Mijar

From,

HoD

Department of ISE

AIET, Mijar

Respected Sir,

Sub:- " Requesting to pay the registration fee from institute for two days FDP on " Microcontroller and Embedded Systems"

With reference to the above mentioned subject, department of CSE AIET, Mijar is organizing three days Faculty Development Program on "Microcontroller and Embedded Systems from 24<sup>th</sup> to 25<sup>st</sup> January 2020. So I request you to kindly pay the registration fee of RS 600/- for the below mentioned faculties of our department

SI NO	Faculty Name	Designation
1	Manjunath H R	Sr.Assistant Professor
2	Sharan L Pais	Assistant Professor
3	Pradeep Nayak	Assistant Professor

Thanking you

HoD

H.O.D.

Dept. Of Information Science & Engineering  
Alva's Institute of Engg. & Technology  
Mijar, MOODEBIDRI - 574 225

Principal

PRINCIPAL

Alva's Institute of Engg. & Technology,  
Mijar, MOODEBIDRI - 574 225, D.K

Two Days Faculty Development Programme  
on  
**"MICROCONTROLLER AND  
EMBEDDED SYSTEMS"**  
24<sup>th</sup> and 25<sup>th</sup> JAN 2020

**ORGANIZING COMMITTEE**

- Chief Patron** : Dr. M. Mohan Alva  
Chairman, AEF
- Patron** : Sri. Vivek Alva  
Managing Trustee, AEF
- Chief Advisor** : Dr. Peter Fernandes  
Principal, AIET
- Convener** : Dr. Manjunath Kotari  
Professor & Head, Dept. of CS&E
- Organizer** : Prof. Vasudev Shahapur  
Associate Professor Dept. of CS&E
- Coordinator** : Prof. Sushant Mangasuli  
Assistant Professor Dept. of CS&E
- Members** : Prof. Sayeesh  
Prof. Harish Kunder  
Prof. Harshitha G M  
Prof. Megha Hegde D

**ADDRESS FOR CORRESPONDENCE**

**Prof. Vasudev Shahapur**  
&  
**Prof. Sushant Mangasuli**  
Phone: +91 9008811246, +91 9742164671  
Email: sushanth@aiet.org.in



**Alva's Institute of Engineering &  
Technology**  
Shobhavana, Mijar, Moodbidri - 574225  
Web: aiet.org.in



Faculty Development Programme on  
**"MICROCONTROLLER AND  
EMBEDDED SYSTEMS"**  
(As per VTU 2018-19 Scheme (18CSL48))



In Association with VTU and CSI

24<sup>th</sup> and 25<sup>th</sup> JAN 2020  
Early Bird Registration: Rs 500 /-  
Register on or before 31<sup>st</sup> Dec, 2019

**Key Note Speaker**

**Dr. Shivayogi B Ullagaddi**  
Special Officer,  
Visvesvaraya Technological University,  
Belagavi.

**Resource Person**

Prof. Mohan Kumar J  
School of Information Sciences  
Manipal Academy of Higher Education

**Technical Support**

Mr. Sriram, Manager  
ESA Sales, Bangalore

**Organized By**

Department of Computer Science and Engineering

**Alva's Institute of Engg. & Technology**

"Shobhavana Campus", Mijar, Moodbidri-574225

Mangalore, D.K., Karnataka

Phone: 08258 - 262724, 262725, 262726

**Registration Fee: Rs. 600/-**  
**Last Date for Registration: 10/01/2020**





## ALVA'S INSTITUTE OF ENGG. & TECHNOLOGY

Alva's Institute of Engineering and Technology, Mijar, Moodbidri is a premier Engineering Institute of Alva's Education Foundation, established in the year 2008, located adjacent to Mangalore-Sholapur National Highway, which is 24 Kms from Mangalore International Airport. The college is recognized by All India Council for Technical Education (AICTE), New Delhi & Affiliated to Visvesvaraya Technological University, Belagavi. The college is ranked as one of the best Technical Institute in South Canara region. The institute offers under graduate programs in 5 branches of Engineering – Computer Science & Engineering, Civil Engineering, Electronics & Communications Engineering, Information Science & Engineering, Mechanical Engineering. Computer Science & Engineering, VLSI Design & Embedded Systems. Seven departments at the institute has been recognized as research centers by Visvesvaraya Technological University, Belagavi.

### Department of Computer Science & Engineering

Department of Computer Science and Engineering started functioning from the year 2008, with an intake of 60 and has enhanced to 120 from academic year 2012-13. The Post Graduate course, M.Tech in Computer Science and Engineering, was introduced from the academic year 2012-13 with an intake of 18 students. Department is recognized as a research centre from VTU. Faculty members are actively involved in co-curricular and extracurricular activities with association and professional bodies like CSI/ISTE. Department of Computer Science & Engineering has always been on a high growth and path since its establishment. To keep pace with latest technologies, department has employed experienced and dedicated faculty with strong commitment towards research work. The department is dedicated to education, research and overall excellence. For skill development Department have highly equipped add-on labs like Revision lab, Innovation Lab and iOS Lab.

The students are well placed in reputed industries as well as continuing higher education in the premier institutes. The Department of CSE organizes various events such as workshops, Seminars, Technical talks, delivered by eminent resource persons from academia & industry, who have excelled in their field.

The department regularly conducts special courses on advanced topics. Department of CSE encourages the faculty and students for participating in research activities for enhancing their subject knowledge and acquire information regarding current trends.

### VISION OF THE DEPARTMENT

"Engendering competent, excellent professionals by transforming the knowledge and computing skills to individuals through modern innovative tools and techniques"

### MISSION OF THE DEPARTMENT

- To produce skilled, creative software developers through rigorous training.
- To conduct specific technical courses to keep abreast to the latest technological developments and transformations in the domain.
- To implement the ideas of research and innovations in interdisciplinary domains.
- To establish Industry-Institute Interaction programs to enhance the skills of employability and entrepreneurship.

### PROGRAM SPECIFIC OUTCOMES

**A graduate of the Computer Science and Engineering Program will exhibit:**

**PSO1: Professional Skills:** The ability to understand & implement the computer programs in the areas of Computer Architecture, System Software, Database Management Systems, Web Design, Multimedia and Computer Networking.

**PSO2: Problem-Solving Skills:** The ability to solve real-world problems by suitable mathematical model with strong technological concepts in rapidly growing arena of computer technology.

**PSO3: Successful Career and Entrepreneurship:** Knowledge in diverse areas of Software Engineering and Management & Entrepreneurship for IT Industry, conducive in cultivating skills for successful career development.

### PROGRAM EDUCATIONAL OBJECTIVES

**The graduates of Computer Science & Engineering will able to**

**PEO1:** Exhibit fundamental strength in core courses of Computer Engineering to solve the problems of computing world.

**PEO2:** Adapt and contribute the emerging technological changes.

**PEO3:** Employed in computing profession or engaged in learning to pursue higher studies.

### FDP OBJECTIVES

#### Learning Objectives:

This FDP (18CSL48) will enable us to:

- Develop and test Program using ARM7TDMI/LPC2148
- Conduct the experiments on an ARM7TDMI/LPC2148 evaluation board using evaluation version of Embedded 'C' & Keil Uvision-4 tool/compiler.
- To gain experience in programming languages that are used in current industrial practice.
- To promote innovative projects and patent them for commercialisation.

#### Laboratory hands-on Outcomes:

Should be able to:

- Develop and test program using ARM7TDMI/LPC2148
- Conduct the various experiments on an ARM7TDMI/LPC2148 evaluation board using evaluation version of Embedded 'C' & Keil Uvision-4 tool/compiler.

### TARGET AUDIENCE

The FDP is open for the participants from **academia and industry**. Number of participants will be limited to 30. The selected participants will be informed of their selection by e-mail.







# ALVA'S EDUCATION FOUNDATION®

MOODBIDRI - 574 227, D. K.

DEBIT / CREDIT VOUCHER

No.

Date: 22-01-2020

Sl. No.	Particular	College	Dr	Cr
1	Registration fees - Sharan L. Pals.		600/-	
	Total		600/-	

Rupees:

Six hundred only.

Narration: Towards registration fee of FDP on Microcontrollers & Embedded systems

Prepared By

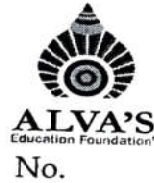
Principal

A.O.

F.O.

Receiver's/Remitter's Signature

Alva's Institute of Engg. & Technology,  
Moodbidri - 574 227, D.K.



# ALVA'S EDUCATION FOUNDATION®

MOODBIDRI - 574 227, D. K.

DEBIT / CREDIT VOUCHER

No.

Date: 22/1/2020

Sl. No	Particular	College	Dr	Cr
1	Registration fee of		600/-	
4	Manjunath H.R			
				-
	Total		600/-	-

Rupees:

Six hundred only

Narration: Towards Registration fee of FDP on Microcontroller & Embedded systems

Prepared By

Principal

A O

F O

Receiver's/Remitter's Signature

ALVA'S Institute of Engg. & Technology,  
Moor, MOODBIDRI - 574 225, D.K.