

# TECH MANTRAA



## About the Company

We are workshop Management Company located in Pune. We are basically organizing workshops and events for engineering and management colleges. We are working in this field from 2012.

Our main goal behind the workshops is to give deep knowledge about the technical field to the students. We are arranging workshops across all over india. We are growing so fast and soon we are going to start training camps for students on various topics.

Our main focus is on Computer engineering, Electronics and communication, IT and mechanical branch.

## Our Vision

TECH MANTRAA is aiming to be the best one stop educational and industrial solution provider and it will achieve this vision in an ethical manner by offering quality of services to clients and fare deal to its customers

## Our Belief

We believe in collaboration.

We believe in client satisfaction.

We believe in professionalism and team work.

It shows our respect, truth and integrity to our clients and people.

**REGARDS**  
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# **TECH MANTRAA**

## **Embedded Workshop**

**Fee Structure: 400 Rs. each student.**

### **Topics to be covered in Embedded Workshop**

- 1. Introduction to Embedded C**
- 2. Difference between C & Embedded C**
- 3. Embedded C Constructs & Data Formats**
- 4. Mapping 8051 Architecture to Embedded C**
- 5. Introduction to KEIL Cross-Compiler & its features**
- 6. General Discussion & Overview of Embedded Systems**
- 7. 8051 microcontroller: Architecture & Pin Diagram of 8051**
- 8. Hardware Details: SFRs, Ports, Timers, Counters**
- 9. Addressing modules and Instruction Set**
- 10. Interrupts & Serial Programming Techniques**

**All the topics will be covered in brief.**

### **Duration**

The duration of this workshop will be two consecutive days, with six hours session each day in a total of twelve hours.

### **Certification**

'Certificate of Participation' by Tech Mantraa to all Participants of this workshop.

### **Eligibility**

It's a basic level workshop so there are no prerequisites. Anyone interested, can join this workshop.