

Introduction to Engineering

April 3rd-7th, 2018

Overview:

The curriculum for workshop consists of four modules i.e. Applied Digital Logic Design, Embedded Programming, C and Python Programming and Introduction to LaTeX. The major focus of the workshop is to introduce the beginners to Electronics, Computer as well as Programming. It is based on hands on approach.

Modules:

The course is divided into 4 modules.

In module **A: “Applied Digital Logic Design”** consists of

1. Arduino For School
2. Digital Design Through Arduino
3. Karnaugh Maps and Finite State Machine

In module **B: “Embedded Programming”** consists of

1. Assembly Programming Through Arduino

In module **C: “Python and C Programming”** consists of

1. C Programming Through Arduino IDE
2. Python For Math Computing
3. C and Python
4. Calculator: Python GUI and C Functions

In module **D: “LaTEX”** consists of

1. Introduction to LaTEX

You should attend if :

This course is designed for Engineers, Faculty and Students. For students it will be course to encourage them check out research avenues.

Fees:

Its Free of cost

About Speaker:



Dr. G.V.V. Sharma is an Associate professor at the Department of Electrical Engineering, Indian Institute of Technology Hyderabad. He has completed his masters from Indian Institute of Sciences, Bangalore and PhD from Indian Institute of Technology, Bombay. His research interest is in wireless technologies but have a passion for developmental engineering: taking technology to the masses.