

# Short Term Course on Electronic Systems Design & Analysis-2017 (STCESDA-2017)

Organized by

Department of Electronics and Communication Engineering

Assam Don Bosco University

In Collaboration with

Sciencetech Technologies Pvt. Ltd.

(6<sup>th</sup> to 17<sup>th</sup> June, 2017)

 Sciencetech



## Call for Participation

The Department of Electronics and Communication Engineering in association with Sciencetech Technologies Pvt. Ltd is organizing a two week short term course on Electronic Systems Design & Analysis.

### Objective:

- To provide hands-on skills on Circuit Simulation and PCB design.
- To familiarize with Embedded Systems and its related applications.
- Introduction to MATLAB.
- Familiarization and Application of Multisim.
- Introduction to Different Instruments Used in Industries.

### Target Groups:

The target groups for the course will be the Faculties, Researchers and Students in the field of **Electronics, Electrical, Computer Science, Instrumentation and Physical sciences**. Maximum numbers of participants allowed will be 60 (sixty). Selection will be **made on first come first serve basis**.

### Workshop Syllabus:

1. Overview of Microcontroller and Embedded Systems.
2. Introduction to 8051 and Programming.
3. Interfacing with various peripherals.
4. PCB layout designing.
5. Circuit Simulation using Multisim.
6. Introduction and Programming MATLAB.
7. Overview of industrial Instrumentation
8. Introduction to LabVIEW.

### Registration:

Candidates have to pay the registration fee in cash. Scanned copy of the completed application form should be submitted to [stcesda2017@gmail.com](mailto:stcesda2017@gmail.com) on or before 25-05-2017. Application form can be downloaded from [www.dbuniversity.ac.in](http://www.dbuniversity.ac.in).

Registration fees: Rs. 2000.00 for all

Important Dates: Last Date of Registration: 25-05-2017

Date of confirmation of participation: 29-05-2017

### For further queries contact:

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*Note: Tea and Lunch will be provided during the workshop.*