



Department of Electronics & Communication Engineering

ONE DAY FREE HANDS ON WORKSHOP

" EMBEDDED APPLICATION DESIGN USING ARDUINO BOARD"

FOR +2 STUDENTS

22 March 2019

About the Institution:

- B.S. Abdur Rahman Crescent Institute of Science Technology (formerly B.S Abdur Rahman Crescent Engineering College), is an institution acclaimed throughout India for its quality in teaching and research for past thirty five years. Being one of the largest Engineering institution in India , it lays emphasis on innovative research , investment in high-quality facilities and first-rate infrastructure
- Accredited with “A” grade by NAAC.
- It is one of the very few institutes to have been awarded an “Overall 4 STAR rating “by QS and a “Top 100” NIRF Ranked institute.
- Track record of 35 years of Excellence in offering Engineering, Science and Management

About the Department:

The Department of ECE is offering B.Tech programme since 1994 which aims to impart necessary knowledge and skills in the area of Communication , Signal Processing, RF & Microwave, and VLSI & Embedded Systems. Well-equipped Industry supported laboratories facilitate the students to get trained according to industry needs. The programme is accredited thrice in 2017, 2006 and 2002 by National Board of Accreditation, New Delhi.

About the Workshop:

The objective of this workshop is to develop skills in the field of embedded systems. This workshop focuses on the Arduino board, an open source electronics platform .An Arduino board is a small computer used to develop real time control applications. Using Arduino board one can develop compact and low cost projects. Arduino boards read inputs from sensors and control any output device based on user requirements.The projects covered in this workshop will provide the basics to design industry automation relevant embedded applications.

Workshop Highlights

- Applications & Scope of Embedded System in various industries
- An Overview of Open Hardware -Arduino Board Description
- Getting started with the Arduino IDE
- Writing your First 'Embedded C' Program
- Interfacing of LED , Buzzer with Arduino
- Interfacing sensors with Arduino board
- Obstacle detector using IR Sensor

Registration Form:

- Name of the student: Mr./Ms.
- Contact no.:
- Email-id:
- School Name & Address:



Convener

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