



Department of Electronics & Communication Engineering

ONE DAY FREE HANDS ON WORKSHOP

" EMBEDDED APPLICATION DESIGN USING ARDUINO BOARD"

FOR +2 STUDENTS

27 March 2020

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 six years. Being one of the largest Engineering institution in India accredited with "A" grade by NAAC , it lays emphasis on innovative research , investment in high-quality facilities and first-rate infrastructure. Crescent is the fourth in India, to receive an Overall 4 QS Star Rating and 5 QS Star Rating for 4 parameters viz., Teaching; Employability; Facilities and Inclusiveness.

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 Artificial Intelligence & Robotics / RF Communication & Signal Processing / VLSI & Embedded Systems. Well-equipped Industry supported laboratories facilitate the students to get trained according to industry needs. The programme is accredited four times in 2019,2017, 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

Registration through Online

<https://goo.gl/forms/62pefXQHUUARbIf2>

OR

Scan QR code



Convener

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For registration contact

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