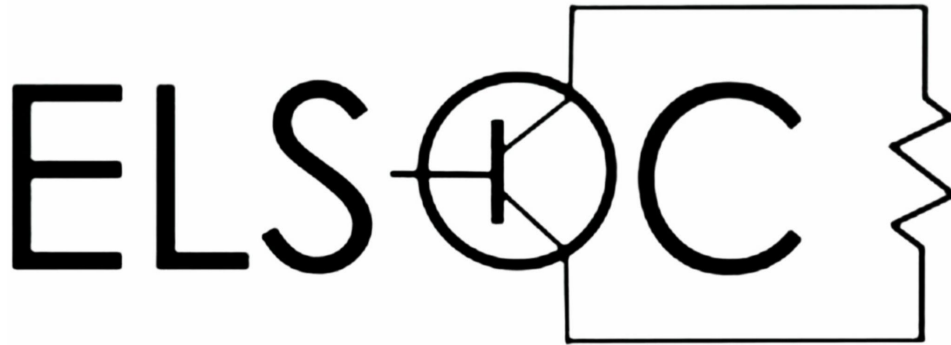


B.M.S. COLLEGE OF ENGINEERING
Autonomous Institute, Affiliated to VTU
Estd. 1946



ELSOC

Department of Electronics and Communication
BMS college of engineering

Author:

Meghana G.K

Documentation Head, ELSOC

Introduction

ELSOC(Electronics SOCIety), a club under the Electronics and Communication Department of BMSCE, which had been dormant due to the pandemic, held their first event in the month of June. In the month of March, the structure of the club was agreed upon and new office bearers were selected from the current second, third year students and previous coordinators of ELSOC.

Vision of the club

The vision of the club is to bridge the gaps between academia and industry by conducting various workshops, competitions and webinars on various topics related to Electronics, Communication and other fields in demand.

Faculty coordinator

Faculty name	Department	Mail ID
Dr.Rajath Vasudevamurthy	Department of electronics and communication	rajathv.ece@bmsce.ac.in

Present office bearers

Position	Student name	Year, branch	Mail ID
President	Yasho Mangal. N	3rd year, Department of electronics and communication	yasho.ec18@bmsce.ac.in
Secretary	Deepak Prakash Thomas	3rd year, Department of electronics and communication	deepakpt.ec18@bmsce.ac.in

Treasurer	Bharath G.S	2nd year, Department of electronics and communication	bharathgs.ec19@bmsce.ac.in
Club coordinator	Akhil.S.Raj	3rd year, Department of electronics and communication	akhils.ec18@bmsce.ac.in
Web development head	Subramanya. K	3rd year, Department of electronics and communication	subramanya.ec18@bmsce.ac.in
Tech head	Aman Poddar	2nd year, Department of electronics and communication	aman.ec19@bmsce.ac.in
Social media and design head	Misbah H. Konain	2nd year, Department of electronics and communication	misbah.ec19@bmsce.ac.in
Documentation head	Meghana G.K	2nd year, Department of electronics and communication	meghanagk.ec19@bmsce.ac.in

A Date with Arduino

“A date with Arduino”, a free Workshop and Bootcamp on Arduinos was the first event of ELSOC in the year 2021 held on the 5th and 6th of June. The workshop was held by the members of ELSOC on 5th June 2021, between 3.30 pm and 7 pm on Google Meet. It started off with an address by Dr. Rajath Vasudevurthy, the faculty coordinator of ELSOC. It went on to cover the basics of Arduinos, basic sensors and actuators, Bluetooth module, and their interfacing with an Arduino microcontroller. Additionally, an introduction to simulating software was provided to the participants. This session saw lots of doubt clarification and interaction from the participant side. Soon after the workshop, participants were provided with four problem statements. The difficulty levels were set keeping in mind, beginners and experienced participants. They were expected to create and simulate circuits to solve the problems. The time frame for this boot camp was 8 pm, 5th June 2021 to 10 pm, 6th June 2021. This was held on Discord, a digital instant messaging platform and Google Classroom. Constant support and interaction was provided to the participants with doubt clearing sessions. The participants walked away with the confidence to rig up Arduino circuits and code for the same.

The workshop had 158 registrations and 41 participants. The Google classroom had 60 students, with 10 students completing the bootcamp. The feedback from the students was mostly positive, with constructive criticism that will be taken into consideration for future events. Participation certificates were provided to 66 students and completion certificates were provided to 10 students

The attached pictures show the workshop in process.

This screenshot shows a Zoom meeting interface. The main content is a presentation slide with the following details:

- Title:** A DATE WITH ARDUINO
- Subtitle:** Workshop cum Bootcamp on Arduino
- ELSOOC Logo:** Located in the top right corner of the slide.
- Agenda:**
 - Basics of Arduino
 - Arduino simulators
 - Basic sensors and their interfacing
 - Basic actuators and their interfacing
- Image:** A photograph of an Arduino-based robot with two camera eyes and a sensor.

The Zoom interface includes a top bar with the presenter's name 'Yasho Mangal N is presenting', a participant list on the right, and a bottom toolbar with icons for mute, video, and chat. The meeting title 'A DATE WITH ARDUINO (workshop cum bootca...)' is visible at the bottom left.

This screenshot shows a Zoom meeting interface with a video feed of a man in a blue shirt. The man is wearing glasses and has a beard. The background of his video feed shows a wooden shelf with various items, including a potted plant and a framed picture.

The Zoom interface includes a top bar with the presenter's name 'Yasho Mangal N is presenting', a participant list on the right, and a bottom toolbar with icons for mute, video, and chat. The meeting title 'A DATE WITH ARDUINO (workshop cum bootca...)' is visible at the bottom left.