



Report on

Workshop on “Corner Electric-View model”

Date :18th November 2023

COURSE: BSc ECs 1st SEMESTER.

Venue: Electronics Lab

Time: 08:30 am to 11:30 am

Resource Person: Ms NESARA K R

Objectives

- **To deliver acquaintance of diverse Smart System applications**
- **To offer familiarity with Arduino boards and basic components.**
- **Develop skills to design and implement various smart system applications.**
- **To familiarize students with Arduino as an IDE, programming language & platform.**

The Department of Electronics organized a Workshop on "Corner Electric-View model" on 18th November 2023 as an initiative activity under the DBT Star College scheme. The program started at 08:30 AM in Electronics classroom 310. M S Ramaiah College of Arts Science and Commerce, Bengaluru.

Dr.Naveen Kumar R, HOD, Department of Electronics, MSRCASC, Mrs Asharani R Assistant Professor Ms Nesara K R Assistant Professor, and all 1st semester students gathered in the workshop. Ms. Nesara K. R, has given a brief introduction about the Workshop Program Model View using ARDUINO and the significance and benefits of the program.

The session was handled by resource person Ms. Nesara K R Assistant Professor Department of Electronics, MSRCASC. The first session started with the view of models such as

- ❖ Smart Parking System Using Arduino and IR Sensor
- ❖ Fire alarm system using Arduino UNO and GSM SIM8001



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- ❖ Smart GPS Tracker
- ❖ Distance Measuring Using Ultrasonic Sensors
- ❖ Voice Control Car
- ❖ Home Automation System Using Arduino Mega

Ms. Nesara K R guided the students regarding models, their working, and their application.

Participants came up with questions about the models and a small discussion went on with the students regarding the model construction.

Session second mainly aimed towards offering familiarity with Arduino boards and basic components and familiarizing students with Arduino as IDE, programming language & platform. The session started with a brief introduction about ARDUINO structure, the programming of Arduino, the structure of the Arduino program, and the different terminologies used in the program to interface different sensors with ARDUINO. All the students Actively participated and were capable of writing the C program to interface with the ARDUINO.

Arduino IDE software installation and executing programs that they already learned in the session. Students are capable of writing and running their programs for specific applications in the Arduino IDE platform.

Outcome:

- To enhance the knowledge of students in Model making
- Prepare students to write and run their own programs for specific applications in Arduino IDE platform
- To bring the wakefulness among the students in working of electronic models

Faculty in charge:
(Ms. Nesara K R)

Vatshala
Principal,
M.S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Bangalore - 560 054

Principal



Photos of Workshop on “Corner Electric-View model” for 1st semester students of BSc ECs



Faculty in charge:
(Ms. Nesara K R)

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Workshop on "Corner Electric-View model" for 1st semester students of BSc ECs**Participant list**Date: 18th November 2023COURSE: BSc ECs 1st SEMESTER.

Sl No:	Register Number	Student name	Signature of the student
1	U18EV23S0070	Dhurv Joshi	
2	U18EV23S0071	Hafeeza Taj	
3	U18EV23S0072	Abhishek Suthar	
4	U18EV23S0073	Anagha K	
5	U18EV23S0074	Vismay Rao B N	
6	U18EV23S0075	Aryan Kaushal	
7	U18EV23S0076	Gugudu Vandana	
8	U18EV23S0093	Hemila M	
9	U18EV23S0094	Rakshitha.P	
10	U18EV23S0095	DEEPAK RAJ M	
11	U18EV23S0103	Naveen B	
12	U18EV23S0104	Marri Sireesha	
13	U18EV23S0107	Varun N G	
14	U18EV23S0111	Ayush M	
15	U18EV23S0154	Ayesha Patel	
16	U18EV23S0161	Perugu Diwakar Reddy	
17	U18EV23S0162	Jayalakshmi	
18	U18EV23S0164	T S Anjan Kumar	
19	U18EV23S0167	Chaya Rani A V	
20	U18EV23S0176	Ananya Pandey	



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Sl No:	Register Number	Student name	Signature of the student
21	U18EV23S0178	Gowtham P N	Gowtham P.N
22	U18EV23S0179	Nishmetha	Nishmetha
23	U18EV23S0181	Smirti Kumari	Smirti
24	U18EV23S0190	Vishalroy Namchoom	Vishal
25	U18EV23S0384	Saniya Soosan Binu	Saniya

Faculty incharge:
(Ms Nesara K R)

Nesara K.R

[Signature]
HOD

HEAD OF THE DEPARTMENT

Department of Electronics
M. S. Ramaiah College of
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M.S.R. Nagar, Bangalore-560 054

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DBT Star College Scheme
Coordinator

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