

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Department of Electronics Engineering

One Day Online National Workshop on
" **Embedded, IoT and Robotics** "
on 13th April, 2023

Department of Electronics, MITS Gwalior conducted one day national workshop " **Embedded, IoT and Robotics** " on 13th April 2023.

Objective of workshop:

The main objective of the workshop was to promote the advances in the field of Robotics and IoT Engineering, which have now helpful through many aspects of our lives. The IoT and robotics communities are coming together to create the Internet of Robotic Things (IoRT). The IoRT is a concept in which intelligent devices can monitor the events happening around them, fuse their sensor data, make use of local and distributed intelligence to decide on courses of action and then behave to manipulate or control objects in the physical world. The objective of this online workshop is to impart knowledge about the challenges and opportunities of robotics and IoT in current societal changes. The main aim of this workshop was to bring faculty members and researches together from different engineering and industrial fields to establish new collaborations and research to expose bothsides of challenges and opportunities in the respective fields.

Line of action: Workshop was inaugurated in the presence of Dr. Vandana Vikas Thakre, Associate Prof. and HoD of Electronics Department, Dr.Laxmi Shrivastava , Associate Professor ,M.I.T.S., Gwalior (Workshop Coordinator), Prof. Madhav Singh (Workshop Coordinator), faculties of Electronics department. Dr.Laxmi Shrivastava provided brief information about the workshop. In this workshop, Research Scholar & Faculties from different engineering colleges have participated. One Expert Lecture was scheduled in first half and two Expert Lecture in second half. After that the workshop was completed by vote of thanks gave by Prof. Madhav Singh. The schedule of workshop was as follows:

Workshop Schedule

Time	Activities
11:00-11:30 AM	Welcome address
11:30-01:00 PM	Expert Lecture - I
01:00-02:00PM	Lunch Break
02:00-04:00PM	Expert Lecture - II

Expert Lecture Details:

Expert Lecture -I : Mrs.Navya Jain , by Cybermotion Technologies Pvt. Ltd, Hyderabad.

Expert Lecture -II: Miss. Prudhvi sen, by Cybermotion Technologies Pvt. Ltd, Hyderabad.

In the first technical session, Mrs.Navya Jain , by Cybermotion Technologies Pvt. Ltd, Hyderabad. delivered an expert lecture on Embedded system and IoT. The session was very informative and also interactive for the participants. The second expert lecture was delivered by Miss. Prudhvi sen on Proteus design suite 8.15, which are using in Robotics and circuit system.

Participants:

In this workshop, total 63 participants were registered. The details of participant are as follows:

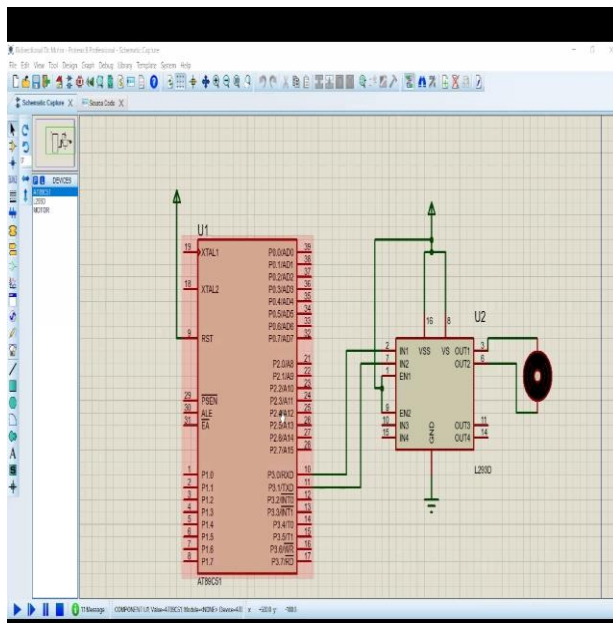
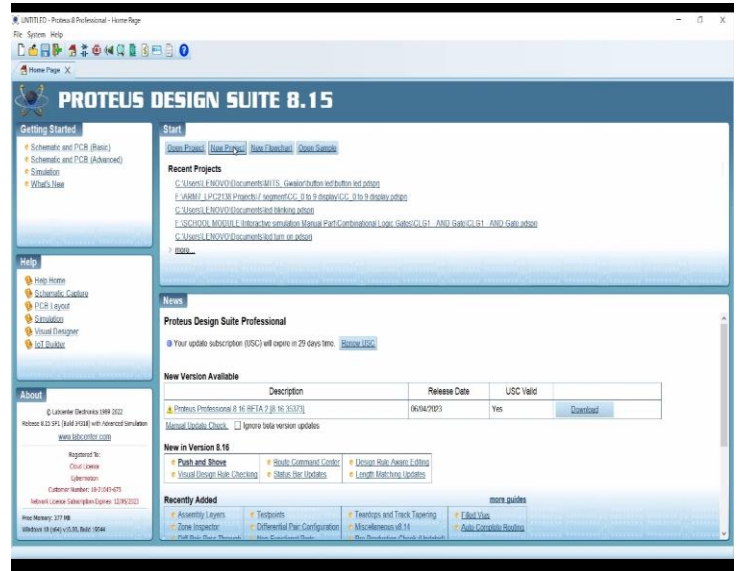
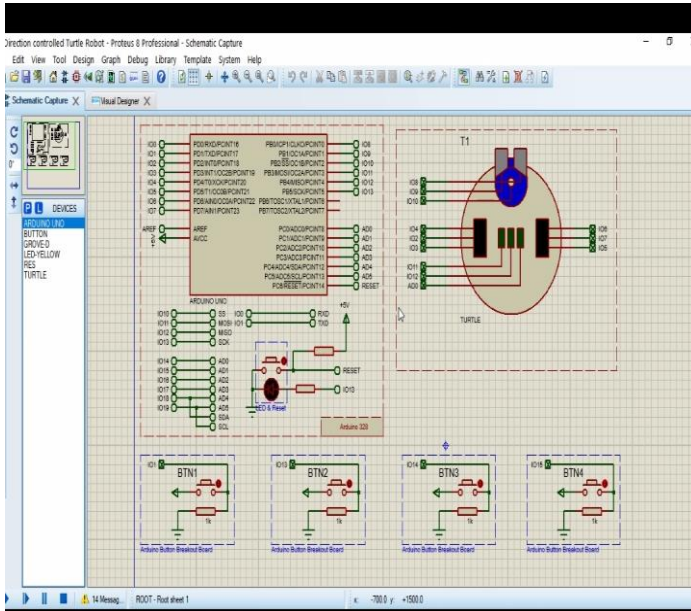
S. No.	Name of Participant	Institute/Organization name
1.	Abhishek Goklani	Madhav institute of technology and science Gwalior
2.	Ayush Gupta	Madhav institute of technology and science Gwalior
3.	Bholu Gurjar	Madhav institute of technology and science Gwalior
4.	Chetna Gour	Madhav institute of technology and science Gwalior
5.	Divuanshi Singh	Madhav institute of technology and science Gwalior
6.	Avantika Singh Jadaun	Madhav institute of technology and science Gwalior
7.	Prof. Hemant Chobey	Madhav institute of technology and science Gwalior
8.	Sakshi Tomar	Madhav institute of technology and science Gwalior
9.	Gitansh Baghel	Madhav institute of technology and science Gwalior
10.	Tanmay Kumar Goyal	Madhav institute of technology and science Gwalior
11.	Dhruv Shrivastava	Madhav institute of technology and science Gwalior
12.	Naman Gupta	Madhav institute of technology and science Gwalior
13.	Naveen Gangare	Madhav institute of technology and science Gwalior
14.	Khushi Jain	Madhav institute of technology and science Gwalior
15.	Anushka Jain	Madhav institute of technology and science Gwalior
16.	Abhiraj Sharma	Madhav institute of technology and science Gwalior
17.	Ankush Kumar	Madhav institute of technology and science Gwalior
18.	Ayush Sharma	Madhav institute of technology and science Gwalior
19.	Neetesh Sharma	Madhav institute of technology and science Gwalior
20.	Kanishka Shivhare	Madhav institute of technology and science Gwalior
21.	Prof.Deepak Batham	Madhav institute of technology and science Gwalior
22.	Prof. D.K Parsediya	Madhav institute of technology and science Gwalior

23.	Aman Goyal	Madhav institute of technology and science Gwalior
24.	Tanishk Udiya	Madhav institute of technology and science Gwalior
25.	Ankita Yadav	Madhav institute of technology and science Gwalior
26.	Kratgya Shrivastava	Madhav institute of technology and science Gwalior
27.	Aniket Sharma	Madhav institute of technology and science Gwalior
28.	Deepika Maheshwari	Madhav institute of technology and science Gwalior
29.	Sandeep Singh Panwar	Madhav institute of technology and science Gwalior
30.	Rikki Rajak	Madhav institute of technology and science Gwalior
31.	Krishnapal Singh Sisodiya	Madhav institute of technology and science Gwalior
32.	Piyush Shrivastava	Madhav institute of technology and science Gwalior
33.	Kunal Namdev	Madhav institute of technology and science Gwalior
34.	Ayush Rahate	Madhav institute of technology and science Gwalior
35.	Gourav Chandravanshi	Madhav institute of technology and science Gwalior
36.	Gaurav Gautam	Madhav institute of technology and science Gwalior
37.	Ayushi Goswami	Madhav institute of technology and science Gwalior
38.	Khushi Bhadoriya	Madhav institute of technology and science Gwalior
39.	Sargam Rastogi	Madhav institute of technology and science Gwalior
40.	Vedant Jain	Madhav institute of technology and science Gwalior
41.	Yash Agrawal	Madhav institute of technology and science Gwalior
42.	Harsh Jha	Madhav institute of technology and science Gwalior
43.	Vikesh Dhakad	Madhav institute of technology and science Gwalior
44.	Ansh Badgaiyan	Madhav institute of technology and science Gwalior
45.	Vaishali Gunkar	Madhav institute of technology and science Gwalior
46.	Nishant Pandey	Madhav institute of technology and science Gwalior
47.	Ayush Ratnakar	Madhav institute of technology and science Gwalior
48.	Atharv Shrotriya	Madhav institute of technology and science Gwalior
49.	Akansha	Madhav institute of technology and science Gwalior
50.	Rohit Anuragi	Madhav institute of technology and science Gwalior
51.	Pranav Soni	Madhav institute of technology and science Gwalior
52.	Sanjay Bisariya	Madhav institute of technology and science Gwalior
53.	Abhishek Samadhiya	Madhav institute of technology and science Gwalior
54.	Abhinav Singh Sengar	Madhav institute of technology and science Gwalior
55.	Shubham Kumar	Madhav institute of technology and science Gwalior
56.	Vikash Yadav	Madhav institute of technology and science Gwalior
57.	Garvit Pandey	Madhav institute of technology and science Gwalior
58.	Sahil Yadav	Madhav institute of technology and science Gwalior
59.	Aashi Goyal	Madhav institute of technology and science Gwalior
60.	Manan Gupta	Madhav institute of technology and science Gwalior
61.	Aman Gupta	Madhav institute of technology and science Gwalior
62.	Mustafa Ahmed	Madhav institute of technology and science Gwalior
63.	Shuani kansal	Madhav institute of technology and science Gwalior

- Outcomes of the workshop

- Participants will be able to identify the problems occurred during signal transmission.
- Participants get familiarity with communication and different techniques that is used in communication.
- Participants have also acquired knowledge about research gap in Communication field.

Glimpses of Workshop:





Dr.Laxmi Shrivastava
Workshop Coordinator

Prof. Madhav Singh
Workshop Coordinator



Dr. Vandana V. Thakare
HOD