



# GSSS

GEETHA SHISHU  
SHIKSHANA SANGHA (R)

## INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

(Affiliated to Visvesvaraya Technological University, Belagavi. Approved by AICTE New Delhi & Govt. of Karnataka)

KRS ROAD, METAGALLI | MYSURU - 570 016 | KARNATAKA | INDIA



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### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Report on : Internal Hackathon On “IOT and Arduino and It’s Applications”.

Resource Persons: Mr.Gajendra Deshpande, CEO, Eyesec Cyber Security Solutions Pvt. Ltd, Belagavi.

Dr. Uttam Deshpande, Associate Professor, KLS Gogte Institute of Technology, Belagavi.

Date and Time : 11/04/2023 to 12/04/2023, 10:00 AM to 04:30 PM

Venue : CAED LAB, Dept of EEE, GSSSIETW, Mysuru

The Department of Electrical and Electronics Engineering, GSSS Institute of Engineering and Technology For Women(GSSSIETW), Mysuru, organized Technical Internal Hackathon On “IOT and Arduino and It’s Applications ” in association with Eyesec Cyber Security Solutions Pvt.Ltd and IEEE PES Chapter for 6<sup>th</sup> semester Electrical Engineering students on 11/04/2023 to 12/04/2023,10:00 AM to 04:30 PM.

Internal Hackathon On “IOT and Arduino and It’s Applications” was conducted by Mr.Gajendra Deshpande, CEO, Eyesec Cyber Security Solutions Pvt. Ltd and Dr. Uttam Deshpande, Associate Professor, KLS Gogte Institute of Technology, Belagavi. The goal of this hackathon is “Thinking beyond the Problem”.

The principal, Dr. Shivakumar M., explained how the institution supports the organisation of hackathons and the opportunities created by the institution to motivate the students to participate in national and international hackathons.

The HOD of the Electrical and Electronics Engineering Department, Dr. G. Sreeramulu Mahesh, explained the benefits of hackathons and how the hackathons help engineering students build their programming skills towards solving real-world problems.



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They started the First day 11/04/2023, first session with the basics of IOT and Arduino Uno. He also explained the importance of Hackathon to get the solution for real time problems in less time. He briefed the students about the rounds and parameters considered in judging the teams participate in the Hackathon. Next session is the Idea Presentation. They already allotted the problem statement for each and individual groups of students. Each group of students presents their ideas and solutions for the given problem statements. After presentation the resource persons gave feedback to the student on how to present their ideas in less time.

Next Session is a hands-on session on simple parameters. All the group of students brought their components and they started doing the connection of some basic projects like Moisture Sensor, Temperature Sensor, LED on and off circuits using Arduino Uno Board and simulate the results.

On the second day, April 12, 2023, the first session is the hands-on session of circuit connection for their respective problem statements. Each Group of students connects the circuits as per their problem statements and gets the result on the Arduino Uno Board.

Next session is to connect the Arduino Uno Board with IOT and get the result in android phones. All the students actively participated in this Hackathon and got the results they wanted. Finally, the resource persons judge each project and note down the scores.

  
Event coordinator

  
HOD  
Professor & Head  
Dept. of Electrical & Electronics Engg.  
GSSSIETW, Mysuru, India - 570016



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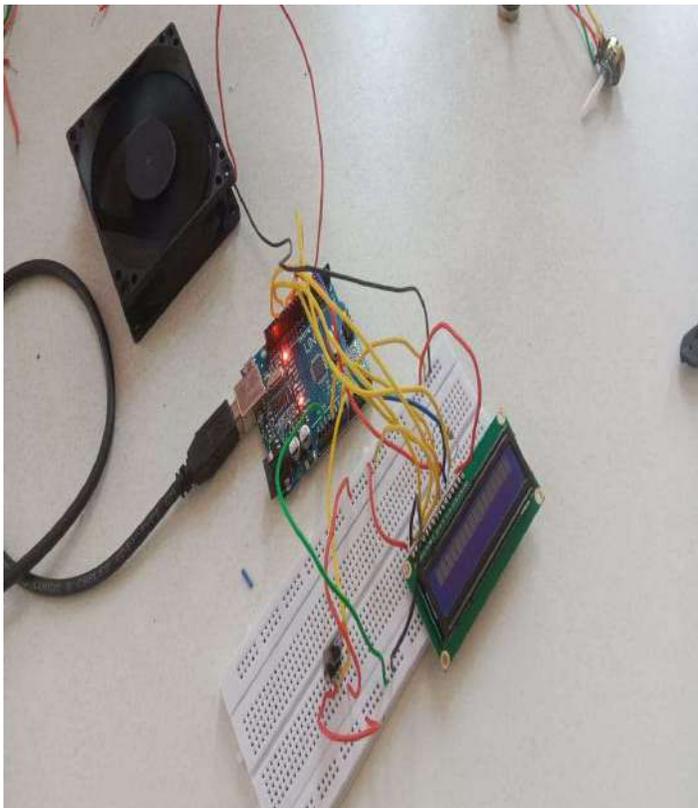
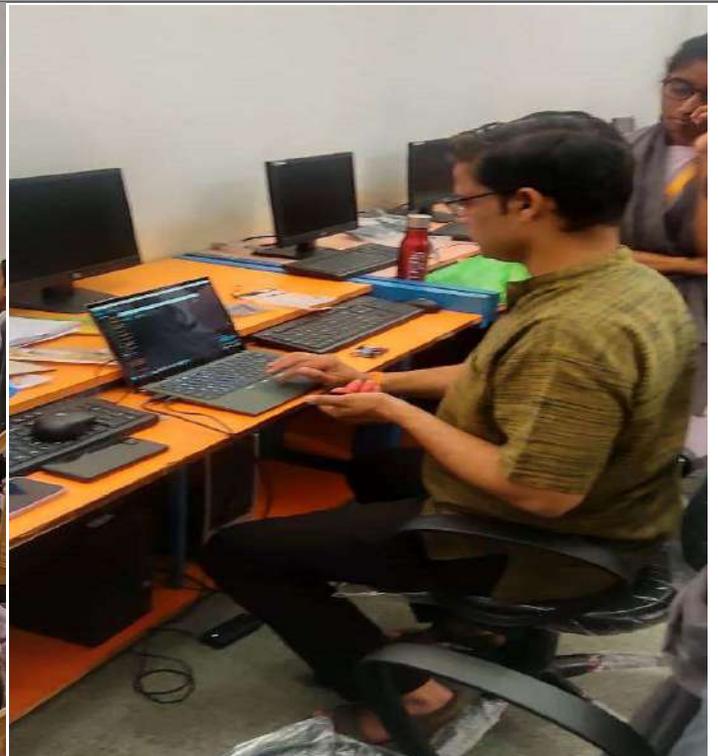
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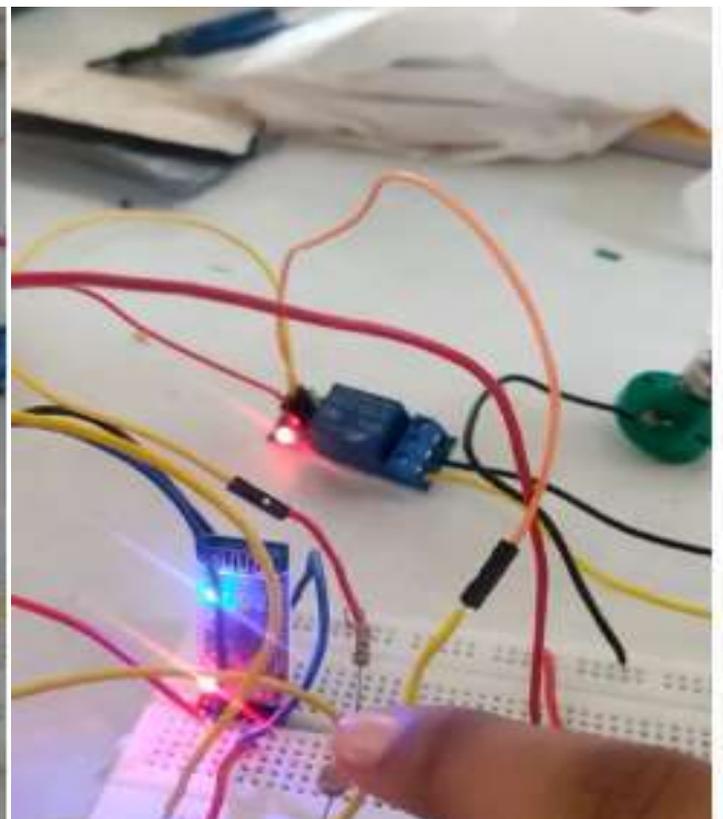
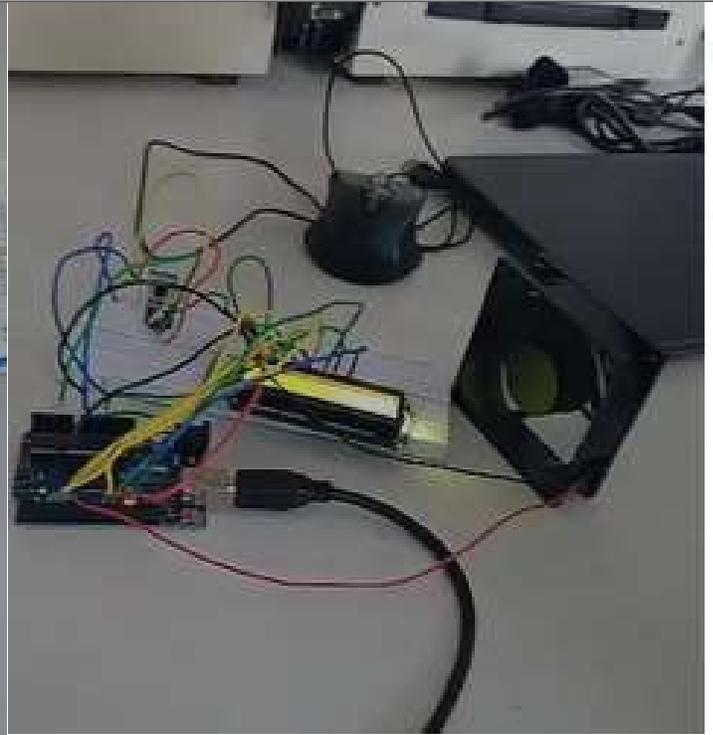
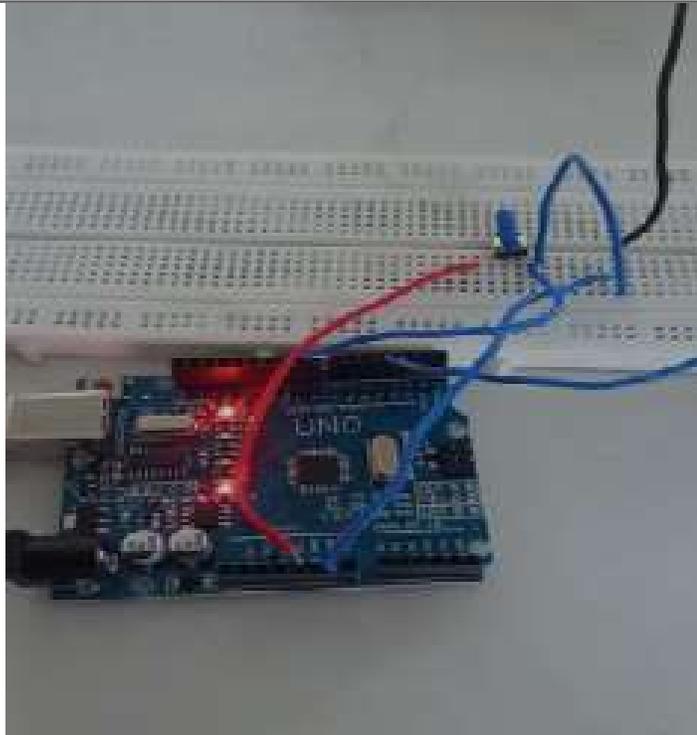
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