



Geetha Shishu Shikshana Sangha (R)

# GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi & Govt. of Karnataka)  
K.R.S Road, Metagalli, Mysuru - 570016

Accredited with Grade 'A' by NAAC

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING  
UG - ECE Accredited Branches by NBA, New Delhi (Validity: 01.07.2017 - 30.06.2020)

## ULTRA HACK using IoT"

### Who can Participate

UG Students of any Branch



19-20 June, 2020

Location: Online

- E-Certificate for all Participants.
- Attractive cash prizes for 1<sup>st</sup> & 2<sup>nd</sup> place winners

### Registration Link

For more Information  
7829840340, ☎  
8494886582

↑ [ecevents@gsss.edu.in](mailto:ecevents@gsss.edu.in)

### Rules & Regulations

- The number of members per team can be from a minimum of 1 to a maximum of 3.
- The hackathon is open to all the college students.
- Requirements: laptops, chargers and Internet is required to complete your hack.
- The criteria for judging are as follows: Originality of the idea, design, functionality and implementation of the idea in a real-time scenario. Judging is based on the software only, (web/mobile app and software hack).

### Domains

- Assisted driving solutions
- Smart Tourist Mobility
- Smart Agriculture
- Geo Tracking of Waste and Triggering Alerts and Mapping Areas with High Waste Index
- Paperless Office  
Detecting air pollution hot spots and identifying the source trajectories
- recognition based compilation in database of criminal records
- Women Safety
- Others

*Resubmitted 31/6/2020*

*Dr. Seetha Lakshmi 01/06/2020*



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Ref: GSSSIETW/ECE/2019-20/

Date: 09-06-2020

To  
The Principal,  
GSSSIETW, Mysore

Respected Sir,

*Sub: Permission to conduct a 2 day online Hackathon - "ULTRA HACK using IoT" for UG students.*

The Department of Electronics & Communication Engineering would like to organize a online Hackathon event - "**ULTRA HACK using IoT**" for UG students from 19<sup>th</sup> to 20<sup>th</sup> June 2020 in association with Loginware Pvt. Ltd, Hassan, using IoT simulators (IoTIFY/Azure).

With this Online Hackathon, on first day we train the students how to use the online simulator; with this training we help students in developing keen knowledge about IoT which is beneficial to them in their Project Implementation.

This competition also encourages the participants to come up with innovative ideas providing solutions to the real world problems. A poster regarding this with the Google link will be circulated to all the colleges in and around the state. Additionally this event will also acts as a promotional activity of our UG program. The Department is planning to schedule this event on 19<sup>th</sup> & 20<sup>th</sup> June 2020.

The technical partners for this event are Loginware Pvt. Ltd and also attractive cash prizes are sponsored by the same company. The schedule details are overleaf. In this regard we expect you to kindly consider this request and grant us permission.

Thanking You.

Program Coordinators

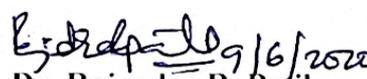
Dr Jayanth J

Mr. Aravind R 

Mr. Mahantesh U 

Mr. Boregowda H B 

Mr Yashonidhi yajaman 

  
Dr. Rajendra R. Patil  
HoD, ECE

  
Dr. Shivakumar M  
Principal

Encl. 1. Schedule for Two days online Hackathon



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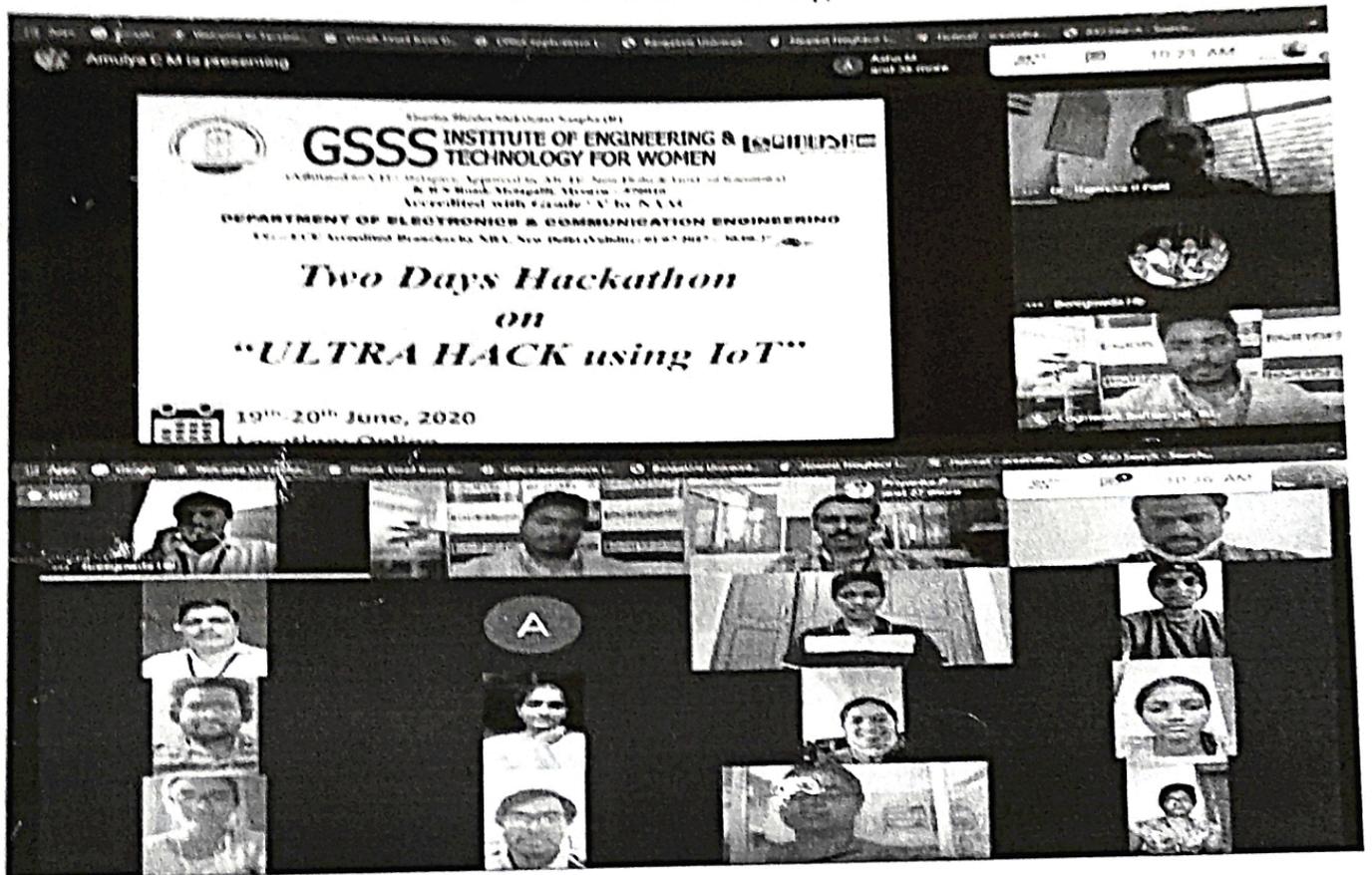
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Department of Electronics and Communication Engineering

Accredited by NBA, New Delhi UG - ECE (Validity: 01.07.2017 - 30.06.2020 & 01.07.2020 to 30.06.2023)

## PRESS REPORT

### TWO DAYS ONLINE HACKATHON ON "ULTRA HACK using IoT"



#### Glimpses of two days Online HACKATHON on "ULTRA HACK using IoT"

The Department of Electronics & Communication Engineering, GSSS Institute of Engineering & Technology for Women, Mysuru had organized a two days Online HACKATHON on "ULTRA HACK using IoT" for all the Engineering Students on 19th and 20th June 2020. Dr. Rajendra R Patil, Professor and Head, ECE Department, moderated the event.

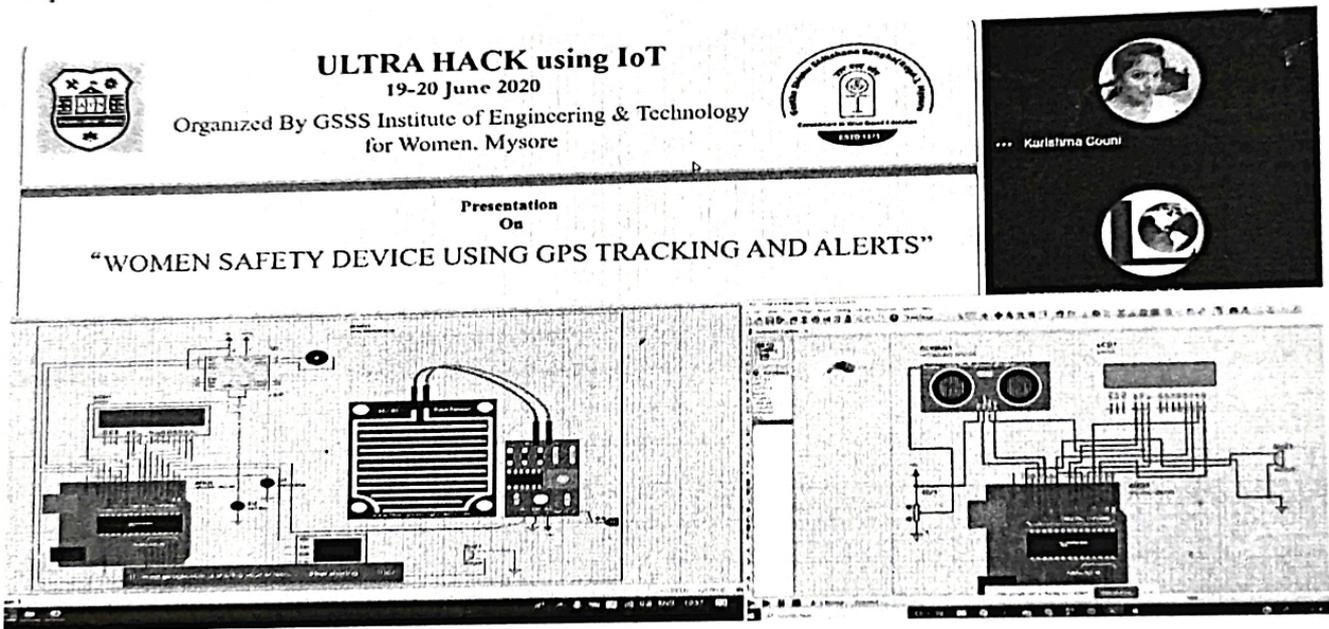
In the backdrop of Covid-19 pandemic, all the engineering students are confined to their houses. To trigger them during this inactive period, the two days hackathon was planned that they come out of their lethargic routine, think innovatively and participate to win certificates and prizes along with showcasing their talent, the participants will also boost their morale.

On Day 1, 19<sup>th</sup> June 2020, Mr. Thejesh P, Founder and CTO, Loginware Softee Pvt. Ltd. Hassan guided the installation of Proteus software and execution steps to the participants. He also explained about the Arduino controllers and its types, applications of IoT, different sensors such as IR sensor, Ultrasonic sensors, range sensors etc., and simulation process of circuits. He has given ideas for real time problems to the participants and motivated them to obtain the solutions for defined problems.

On Day 2, 20<sup>th</sup> June 2020, the online competition was held to get the best solution for problems assigned on previous day through circuit design, coding debugging using Proteus software. Later, the speaker discussed about women safety, solution for border issues and environmental issues. The two days Online HACKATHON on "ULTRA HACK using IoT" was attended by 67 teams from different states like Telangana and Tamilnadu including Karnataka.

The first place was awarded to Srinivasan M of Dayanada Sagar Academy of Technology & Management, Bengaluru for the idea "COVID 19 Contact tracer and Social distancing device" and second place awarded to Alikapathi, Keerthipriya and Gaganashree N of AMC Engineering College, Bengaluru for the idea "Smart Security Solution and support for people staying alone". The hackathon provided a platform for the participants to design circuits and find the solutions for research challenges of real time problems.

The Management Committee Members and Principal, GSSSIETW Mysuru appreciated the ECE department and organizers of the two days Online HACKATHON on "ULTRA HACK using IoT".



Glimpses of two days Online HACKATHON on "ULTRA HACK using IoT"

We kindly request all the press and media persons to publish this news in your esteemed news papers

*B. Siddappa*  
20/6/2020

Head of the Department  
Dept of Electronics & Communication Engg.  
GSSSIETW, Mysore, India-570016

*ee. geivakumar*  
Principal 20/06/2020  
Principal  
GSSSIETW, Mysore-16



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**Invitation**

*It is our pleasure to invite you for the Inauguration of online 2 Days Hackathon on*

*"ULTRA HACK using IoT"*

*On*

*19<sup>th</sup> June 2020*

*Speaker*

**Mr. Thejesh P**

Founder and CTO

Loginware Softtec Pvt. Ltd. Hassan

Coordinators

**Dr. Jayanth J**

**Mr. Aravind R**

**Mr. Bore Gowda H B**

**Mr. Mahantesha U**

**Mr. Yashonidhi Yajaman**

**Dr. Rajendra R Patil**

HOD, ECE

**Dr. Shivkumar M**

Principal



*Kindly do attend and grace the occasion*

**Date** : 19th June 2020

**Platform** : Google Meet

**Time** : 10.00 a.m.

*Dr. Shivkumar M*



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**2 Days Hackathon on "ULTRA HACK using IoT"**

**AGENDA-DAY 1**

Topic : "ULTRA HACK using IoT"

Date : 19.06.2020

Platform: Google Meet

Time : 10:00 AM, IST

Welcome Speech	: Dr. Rajendra R Patil Professor & Head, ECE Dept.	(02 min)
Introduction of Speaker	: Aravind R Assistant Professor, ECE Dept.	(02 min)
About Hackathon by Speaker	: Mr. Thejesh P Founder and CTO Loginware Softtec Pvt. Ltd.	(03 min)
Address by Principal	Dr. M Shivakumar Principal : GSSS IETW, Mysuru	(02 min)
Vote of Thanks	: Mahantesha U Assistant Professor, ECE Dept.	(02 min)
Master of Ceremony	: Bore Gowda H B Assistant Professor, ECE Dept.	

\*\*\*\*\*

*Dr. Shivakumar*



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## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

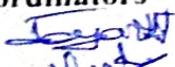
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Date: 09-06-2020

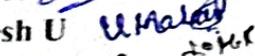
Schedule for conducting 2 day online Hackathon - "ULTRA HACK using IoT" for UG students is as follows

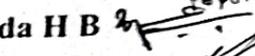
SCHEDULE				
Registration deadline: 17 June 2020, 12.00pm using Google form link.				
Day 1				
Sl. No.	Workshop details	Date of Conduction	Duration	No. of Students
1.	Opening session	19/06/2020	10.15am to 10.30am	60
2.	Brainstorming and training on the necessary tools and language required for the hackathon	19/06/2020	10.30am to 1.30pm	60
3.	Selection of Topics and entry in Google forms (Individual/Group of members)	19/06/2020	1.30pm to 2.00pm	60
Day 2				
1.	Working on selected Topics	19/06/2020	10.00am to 12.00pm	60
2.	Pitch Streaming and Q&A	19/06/2020	12.15pm to 1.15pm	60
3.	Announcement of winners & UltraHack closing	19/06/2020	1.50pm to 2.50pm	60

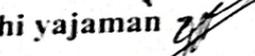
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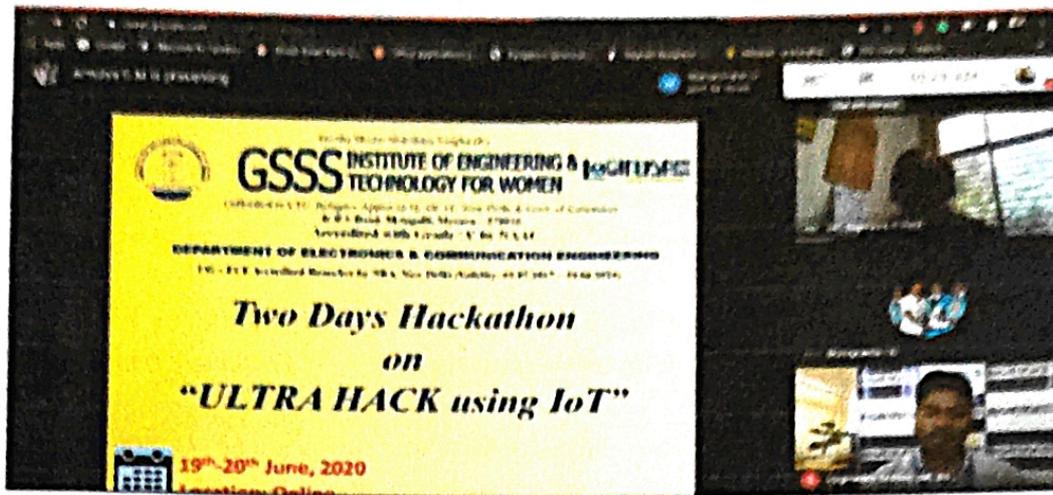
  
Dr. Rajendra R. Patil  
HoD. ECE

  
Dr. Shivakumar M 09/06/2020  
Principal



**UNIVERSITY OF THE STATE OF NEW YORK**  
**THE STATE EDUCATION DEPARTMENT**  
**OFFICE OF GENERAL SERVICES**  
**STATEWIDE PURCHASING CONTRACT**

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Home / Mysore

Mysore

## Two-day online hackathon on 'Ultra Hack using IoT' held at GSSSIETW

Murali • 22/06/2020

**Mysuru:** The Department of Electronics & Communication Engineering, GSSS Institute of Engineering & Technology for Women, Mysuru had organised a two-day online hackathon on "Ultra Hack using IoT" for all the engineering students on June 19 and 2019. Dr Rajendra R Patil, Professor and Head, ECE Department, moderated the event.

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