

# Easwari Engineering College

(An Autonomous Institution)

## Department of Electrical and Electronics Engineering

### ELECTRONICS HOBBY CLUB

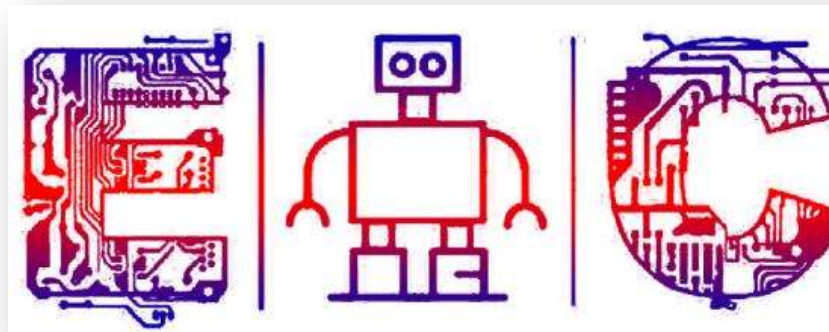
#### Mission

Electronics hobby club was started with a motive to encourage students to develop more innovative ideas and carryout projects in a simple DIY practical approach through peer training and workshops.

#### About the Club

The Electronics Hobby Club was started in the year 2018. It was instrumental in paving way for its member students to gain practical understanding of recent trends in Electronics. The student members will exhibit their skills and knowledge acquired in development of projects to their fellow club members through Workshops /Hands on Training. There will be timely challenges posted to the students where the interested students can find solutions for that challenge. Ever since the inception of the club in 2018 the club actively brings out innovative ideas and projects from students.

#### Logo



## OFFICE BEARERS

1. KOTHANDARAMAN P (IV EEE A) - **President**
2. AKASH HARI B (IV EEE A) - **Secretary**
3. MOHAMED KAIF (III EEE B) - **Vice President**
4. AMUDHA M (III EEE A)- **Joint Secretary**
5. ABHISHEK DHEEVEN T (III EEE A) - **Project Head**
6. THIRUMARAN K (III EEE B)- **Innovation Coordinator**

### **Student coordinators**

7. V.VARRSHINI (II EEE A)
8. BHARATHRAJ N (II EEE A)
9. PREETHI S (II EEE B)
10. VENKATESH.H (II EEE B)

## FACULTY COORDINATOR

Mr.G.Vignesh – Assistant Professor / EEE

## MEMBERS OF THE CLUB : 171

## ACTIVITIES:

S.No	Date	Name of the Event
1.	06-02-2021	Virtual Project Exhibit 2021 and Induction of New Members
2.	20-02-2021	Virtual training on Cloud based Embedded Project Development
3.	06-03-2021	Analyzing your Brain with EEG – TGAM Module
4.	20-03-2021	Getting Started with ARM Cortex-M4F based Texas Instruments MCU
5.	03-04-2021	Robotic Arm Design using Arduino

## Inauguration for the current academic year 2020-21 and Induction of New members in the Club & Virtual Project Exhibit 2021

Date and Time :06-02-2021 @ 10.30 am

The Induction of office bearers and the Virtual Project Exhibit 2021 Event of the Electronic Hobby Club of EEE Department, Easwari Engineering College was successfully conducted on 06<sup>th</sup> February 2021. A total of 76 new student members and 10 office bearers were inducted formally in the Club by the Head of the Department, EEE. All the newly joined members were graced by motivating words of HoD/EEE and the alumni former Presidents of the club. (Mr. Shrivatsav batch 2015-19) (Mr. Madhevan batch 2016-20). The Faculty Coordinator of the Club Mr.G.Vignesh (AP/EEE) introduced the office bearers and various facilities available at the club. The activities done by the club during the past 3 years from its inception was also briefed by him.

There was a Virtual Project Exhibit followed by the Inauguration and Induction Program. Five innovative projects done by the team of students during the pandemic period was exhibited in the virtual event through Google meet. This served as a motivation to the newly joined student members of the club and also proved the fact that nothing stops the Electronics Hobby Club students from carrying out innovative projects.







## Virtual training on Cloud based Embedded Project Development

Date: 20-02-2021 @ 5.00 pm

The Electronics Hobby Club of EEE department, EEC successfully conducted a virtual training on Cloud based Embedded Project Design. The Session was handled by Ms.A.Koushika Preethi of Final Year EEE who was a finalist in the Smart India Hackathon 2020. Students were trained on leading advances in using cloud platform for making simple Embedded Projects. Almost 55 students joined the event and got benefitted with the doubt clearing session that lasted for almost 15 minutes. Upon conclusion the President of the Club Mr.Kothandaraman and the Faculty In-charge Mr.G.Vignesh (AP/EEE) briefed the students about various free cloud platforms and training available for the students.

**EASWARI ENGINEERING COLLEGE**  
Approved by Eeri, Affiliated to AICTE, Market in Area University  
Accredited by NBA, Accredited by MAAC with 'A' Grade (ISI Certified)  
RAMAPURAM | (AUTONOMOUS)

**Department of Electrical and Electronics Engineering**

**Electronics Hobby Club**

Organises

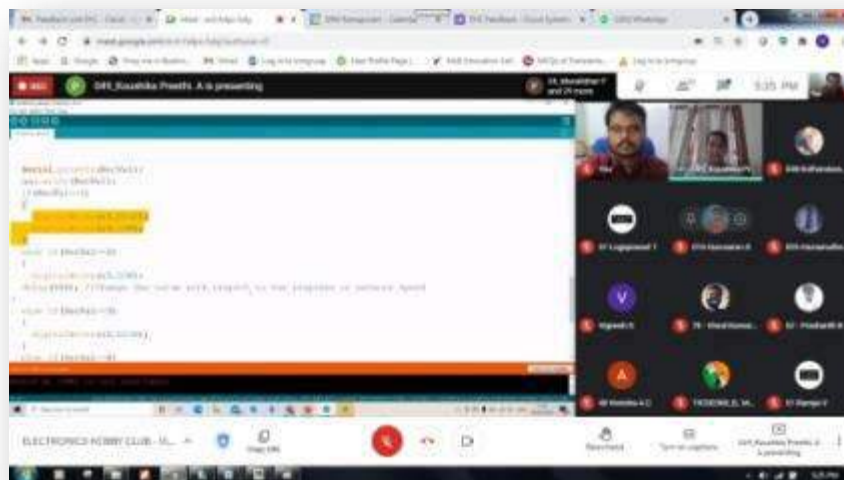
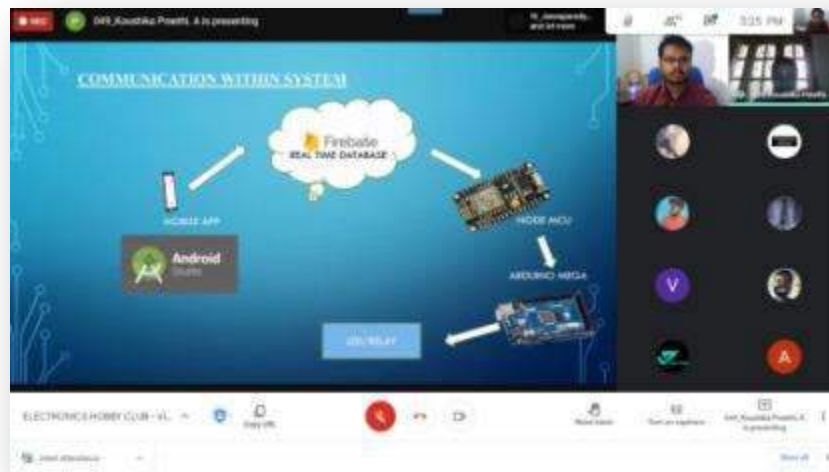
**Virtual Training on Cloud based Embedded Project Development**

Session Handled By  
**Ms.A.Koushika Preethi**  
EEE IV A  
(Smart India Hackathon  
SIH 2020 Finalist)

20<sup>th</sup> February 2021  
5.00 - 5.30 PM

meet.google.com/erd-hdp-x-hdg

EEE Dept of Easwari Engineering College  
Instagram.com/eedept



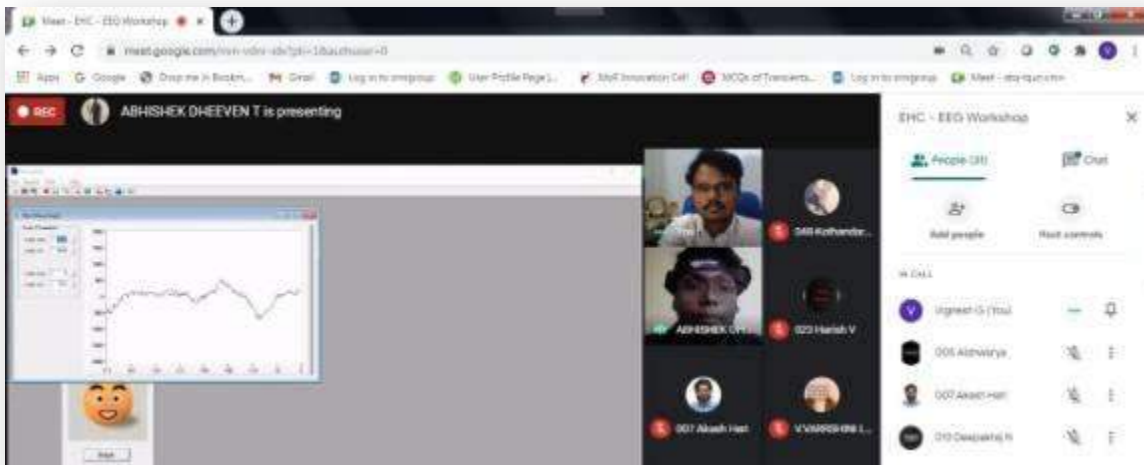
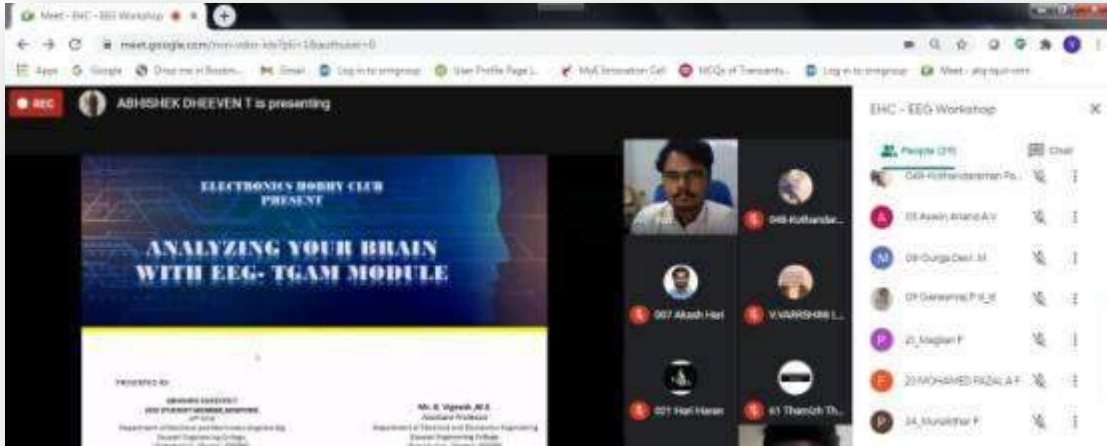
## Analyzing your Brain with EEG – TGAM Module

Date: 06-03-2021 @ 4.00 pm

The Electronics Hobby Club of EEE department, EEC has successfully conducted a virtual workshop on Analyzing your brain with EEG TGAM module. The session was handled by Mr.T.Abhishek Dheeven (EEE III Year), IEEE Student Member. He gave a complete step by step live demonstration and explanation on how to connect an EEG TGAM Module with Arduino and use it for any Bio-medical Applications. Around 35 students joined the event and got benefitted. Upon conclusion the President of the Club Mr.Kothandaraman and the Faculty In-charge Mr.G.Vignesh (AP/EEE) motivated the students to develop some innovative projects by using the EEG Module available at the Club.

The poster is for an event titled "ANALYZING YOUR BRAIN WITH EEG - TGAM MODULE" presented by the "ELECTRONICS HOBBY CLUB". It is organized by the "DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING" at "EASWARI ENGINEERING COLLEGE", an autonomous institution affiliated to Anna University, Ramapuram Chennai. The speaker is "ABHISHEK DHEEVEN T, EEE III A, IEEE STUDENT MEMBER, ID - 96849464". The event is scheduled for "4:00 to 5:00 PM | MARCH 6TH 2021". A registration link is provided: <https://qrqo.page.link/VayxP>. Social media links for Facebook ("EEE Dept of Easwari Engineering College") and Instagram ("Instagram.com/eeedep") are also included. The background features a brain and a laptop.







## Getting Started with ARM Cortex-M4F based Texas Instruments MCU

Date: 20-03-2021 @ 5.00 pm

The Electronics Hobby Club of EEE Department conducted a Live Workshop on Getting Started with ARM CORTEX M4F based Texas Instruments MCU. Mr.R.Naveen (IV Year EEE) handled the session with a real time demonstration of using ARM Boards in Code Composer Studio (CCS) platform and debugging run-time / execution errors. Nearly 35 students attended the workshop and learn about using the boards. At the end , the Faculty In-charge, Mr.G.Vignesh (AP/EEE), briefed the participants about various consultancy works carried out by the Department of EEE to major Industry partners using this boards.

**EASWARI ENGINEERING COLLEGE**  
An AUTONOMOUS Institution  
Affiliated to ANNA UNIVERSITY  
RAMAPURAM CHENNAI

**LIVE WORKSHOP**

**Department of EEE  
Electronics Hobby Club**

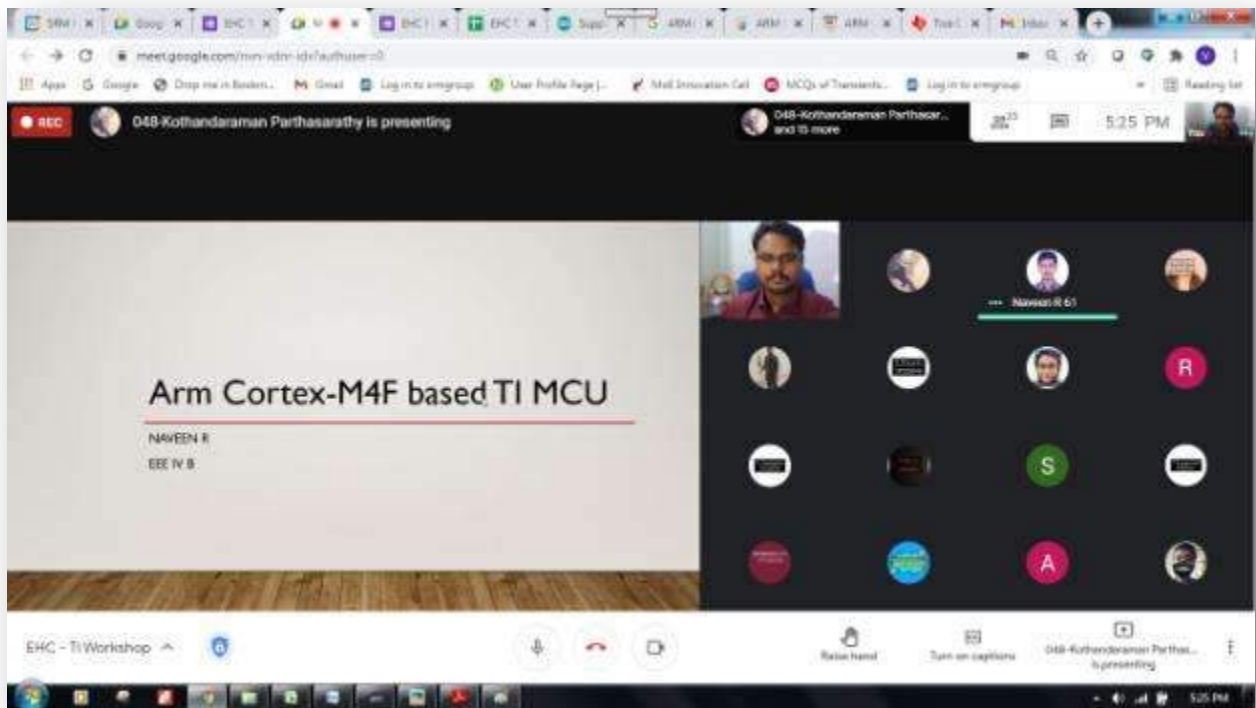
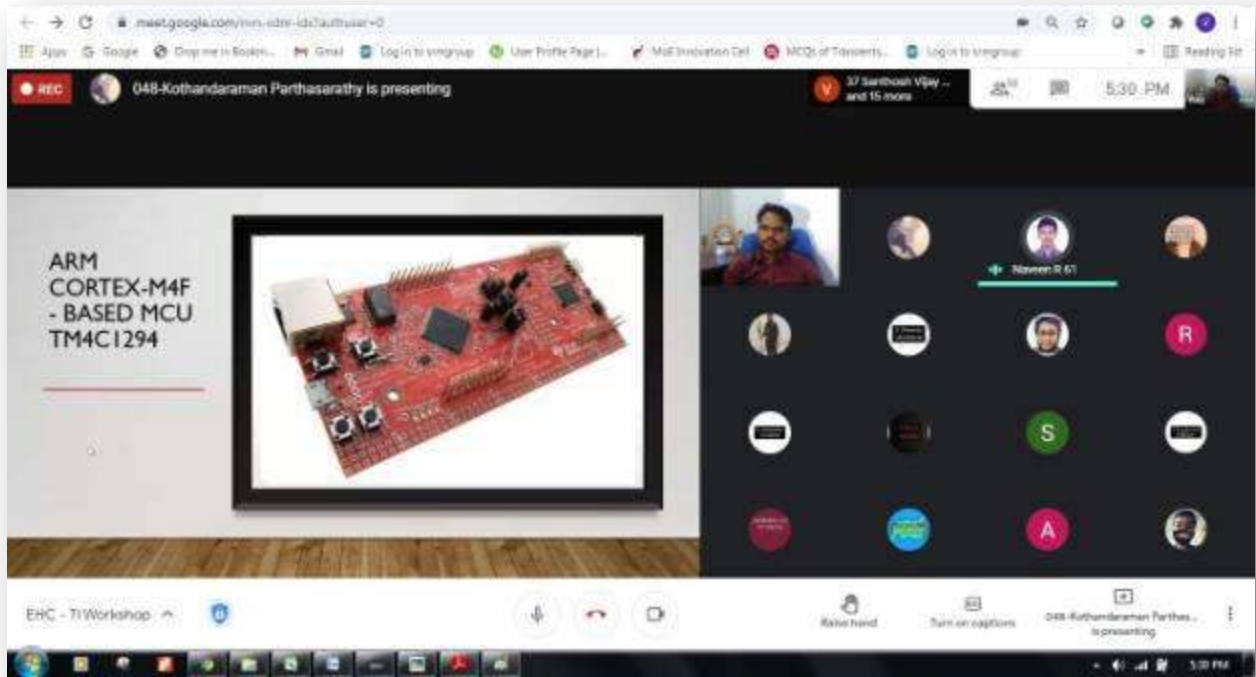
**Getting Started with Arm Cortex-M4F  
based TEXAS INSTRUMENTS MCU**

**Naveen R**  
EEE IV B

**20th March 2021**  
5.00 PM - 6.00 PM

<https://qrgo.page.link/i7FiK>

[Instagram.com/eedept](https://www.instagram.com/eedept) [EEE Dept of Easwari Engineering College](https://www.facebook.com/EEEDeptofEaswariEngineeringCollege)



## Robotic Arm Design using Arduino

Date: 03-04-2021 @ 4.00 pm

The Electronic Hobby Club of EEE department, Easwari Engineering College Conducted an virtual workshop on Robotic Arm using Arduino. Mr.R.Muthukumar (EEE II Year) handled the workshop and gave a practical demo on the assembly of the Pick and Place Robotic Arm using simple components. He also elaborated on the detailed procedure of creating an Mobile App for controlling the Arm Robot. Around 30 students attended the workshop and learnt to build a simple robot and develop and Mobile App to control it. All the participants found the session interesting.



The poster features the Easwari Engineering College logo on the top left, which includes the text 'EASWARI ENGINEERING COLLEGE', 'An AUTONOMOUS Institution', 'Affiliated to ANNA UNIVERSITY', and 'RAMAPURAM CHENNAI'. To the right of the logo are three stylized icons: a circuit board, a robot, and a gear. The main text on the poster reads 'DEPARTMENT OF EEE' in large blue letters, followed by 'ELECTRONICS HOBBY CLUB' in red. Below this, it says 'WORKSHOP ON' in a blue rounded rectangle, and then 'Robotic Arm Design using Arduino' in large black letters. A photograph of R. Muthu Kumar is shown on the left, with the text 'Live Demo by R. Muthu Kumar EEE II B' next to it. At the bottom left, there is a QR code with the text 'SCAN CODE TO REGISTER' above it. At the bottom right, a blue banner contains the text 'GOOGLE MEET ID dmk-ofqm-mix' and 'APRIL 3 | AT 4 PM' with a calendar icon.



