

ELECKTRA

Newsletter Date 30/06/2023

Volume 9 issue 2

From HOD's DESK



I am happy to introduce another issue of Electrical and Electronics department newsletter ELECKTRA. In this issue we would like to present you on the latest developments in the Electrical and Electronics Engineering department at our college. In the era of engineering and technology this newsletter will motivate the teachers and students of sharing their creativity and new ideas with the world and will help in their overall development. As the demand of energy is raising day by day hence the production has to increase now the time has come for all electrical engineers to come forward, join their hands for saving of electricity, using the renewable energy resources such as solar, biomass, wind for the fulfillment of demand of energy with this slogan "SAVE ENERGY, SAVE WORLD".

I congratulate the editorial team headed Ms. Divya Jose for her creativity and their efforts in bringing out this newsletter. I also take this opportunity to congratulate the student editors Mr. Balu S Babu, Mr. Bineeshmon CB and Mr. Tom Thomas for their effort in bringing out this newsletter more creative. Wishing all success to the team.

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“Alumni Meet 2023”

The Electrical and Electronics Engineering Department conducted alumni meet 2023 on 28/02/2023 through Google meet from 7:00PM to 8:00PM. The Alumni Meet started with an invocation song seeking the blessings of almighty by Ms. Adithya Jayan, 2021passout EEE.

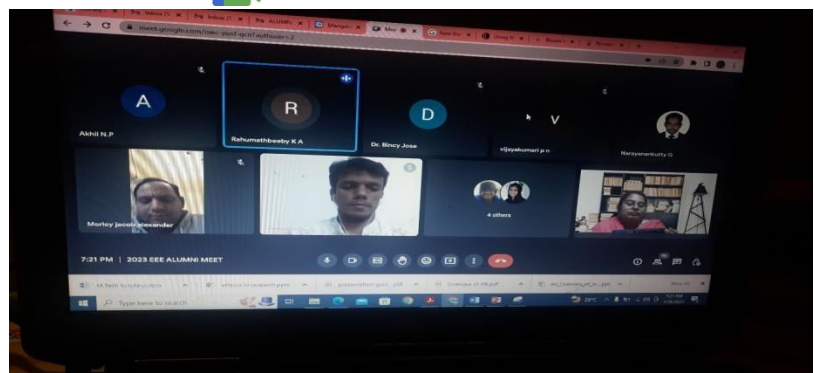
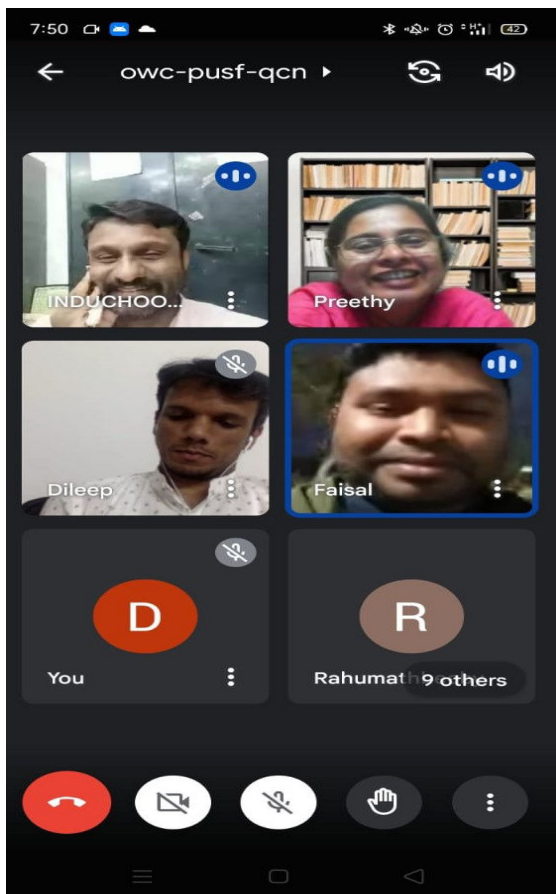
Mr. Dileep G, Director One Team Solutions ETech Pvt Ltd, alumni of our college 2002-2006 batch EEE delivered the welcome speech. He welcomed all the dignitaries and all the alumni for responding to the invitation from college and being part of the alumni meet in spite of their busy schedule.

Dr. Bincy K Jose, HOD EEE delivered the presidential address. The Experience sharing and Testimonials of Alumni members ,started by 7:20 pm and end by 8:00pm. The session was filled with the good experiences and sweet memories of our Alumni.

Various Alumni (almost 30 participants) came together on a single platform and shared their experiences.

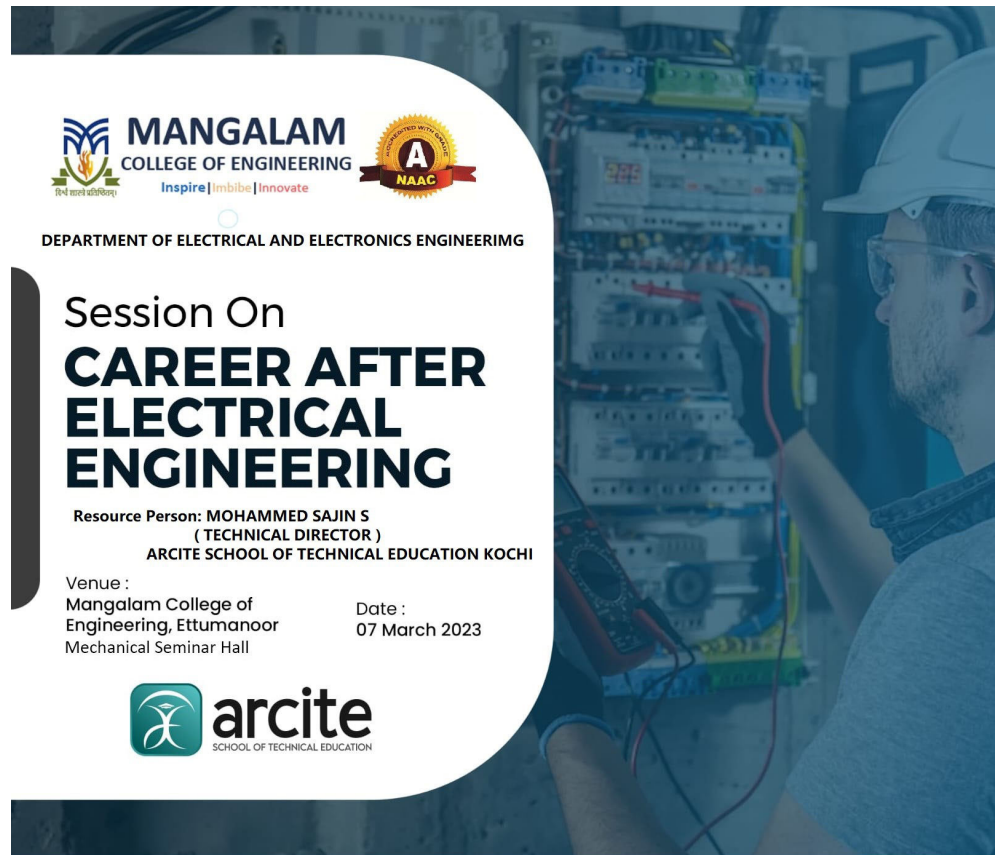


<https://meet.google.com/owc-pusf-qcn>



Session on "Career After Electrical Engineering"

The Electrical and Electronics Engineering Department conducted an awareness class for the students on 7th march 2023 in Mechanical Seminar hall at 11 AM by Mr. Mohammed Sajin S, Technical Director of Arcite School of Technical Education, Kochi. He discussed about how important is having career and getting placed while studying. There were 50 participants for that class including 3rd year and 4th year students of electrical department.



MANGALAM
COLLEGE OF ENGINEERING
Inspire | Imbibe | Innovate

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Session On
CAREER AFTER ELECTRICAL ENGINEERING

Resource Person: **MOHAMMED SAJIN S**
(TECHNICAL DIRECTOR)
ARCITE SCHOOL OF TECHNICAL EDUCATION KOCHI

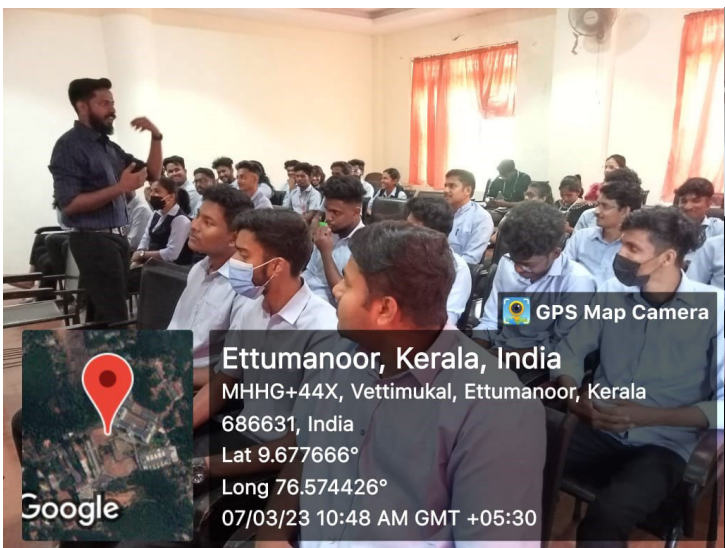
Venue :
Mangalam College of Engineering, Ettumanoor
Mechanical Seminar Hall

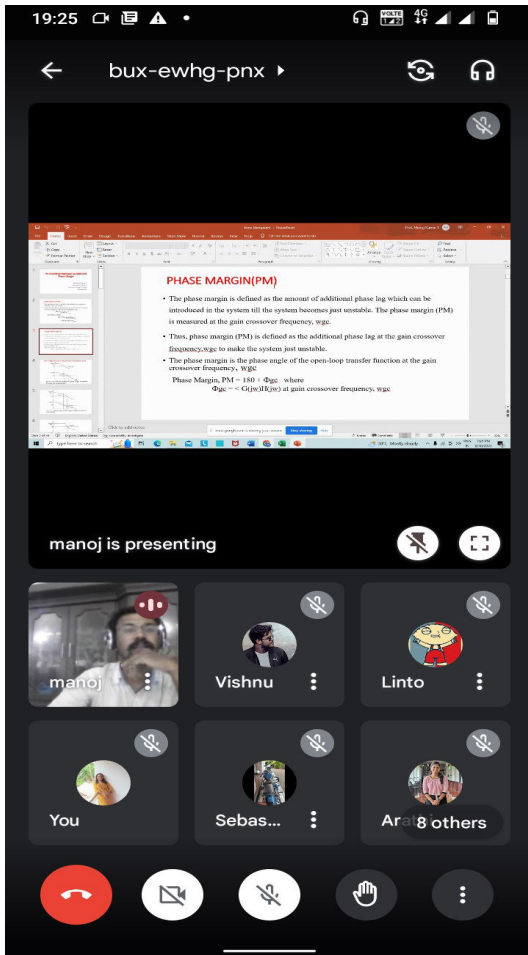
Date :
07 March 2023

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WEBINAR on Control System

The Electrical and Electronics Engineering Department organized a webinar on analytical approach to gain and phase margin in linear control systems. The resource person was Dr. Manoj Kumar, HOD, EEE Department, ST. Thomas College of Engineering and Technology, Chengannur. This webinar is conducted through online mode (Google meet) and the link <https://meet.google.com/bux-hgxa-jjb>. The session started at 7.00pm and concluded at 8.30pm. Total participants around 30 numbers, which includes students of 3rd, 2nd years and faculties from electrical and electronics department. The event was coordinated by Dr. Bincy K Jose.

IIC Activity on "IPR and IP Management for Start-up"

The Electrical and Electronics Engineering Department coordinated an IIC driven activity on may 24th 2023 through online Google meet by Dr S Karthikumar and Ms. Divya Jose. The Resource person was Dr. P Ponnurugan M S, PhD, Dean on IPR, Meenakshi Institute of Technology, Tamil Nadu.

MANGALAM COLLEGE OF ENGINEERING
ORGANIZED BY : EEE DEPARTMENT

AN EXPERT TALK ON :
IPR AND IP MANAGEMENT FOR STARTUP



DR. P PONMURUGAN M.E , PH.D
PROFESSOR & ASSOCIATE DEAN - IPR
INNOVATIVE & INSPIRING RESEARCHER
YOUNG ENGINEER AWARD - (NATIONAL LEVEL)

Have An Idea
FOR STARTUP

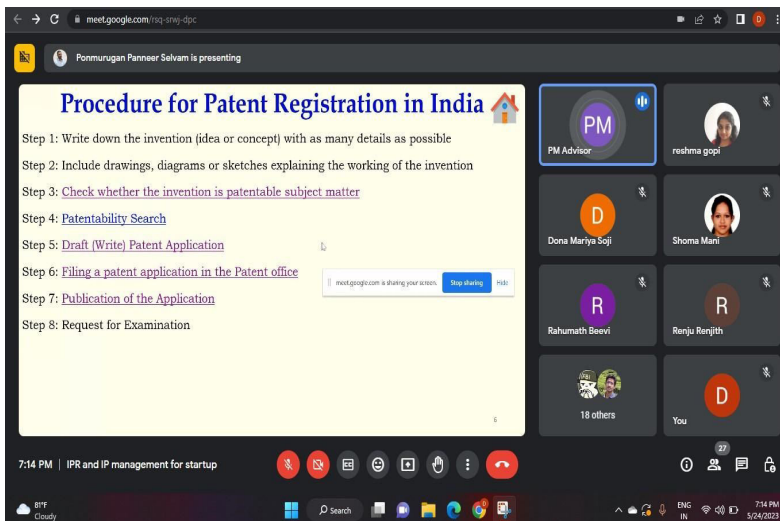
TIME : 6:30PM TO 7:30PM

JOIN NOW: <https://meet.google.com/rsq-srwj-dpc>

In Association with IEC&C and IIC

CO-ORDINATED BY :
DR. S KARTHIKUMAR
MS. DIVYA JOSE

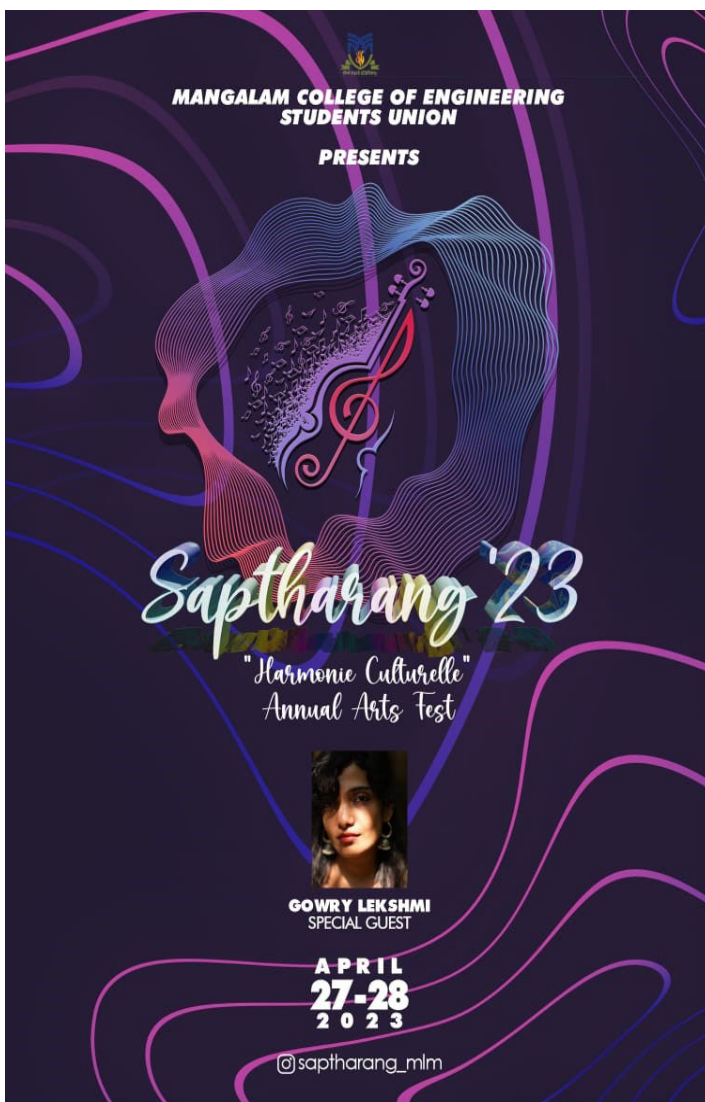




STUDENTS ACHIEVEMENT

ARTS "SAPTHARANG-23" DAY

Arts day of the academic year 2022-23 were conducted on 27th and 28th of April 2023 in Mangalam College of Engineering, Ettumanoor. The arts day was inaugurated by Mr. Jaick C Thomas (Young Politician and Social Enabler). The Arts team Spartans led by our final year students of Electrical and Electronics Engineering Department won the Runner-Up trophy in Saptharang 2K23 under the guidance of Ms. Jolly George as staff captain. They have secured many prizes in individual, dual and group events.



ELECKTRA Conducted by EEE

PLACEMENTS



SL NO	BATCH	NAME	COMPANY
1	2019-2023	JELIN K JAYAN	TATA TCS
2	2019-2023	ROBIN BABU	Green Roof Solar Hykon India Pvt. Ltd.
3	2019-2023	SHARATH KRISHNAN	Hykon India Pvt. Ltd.
4	2019-2023	SOORAJ MOHAN	Green Roof Solar Hykon India Pvt. Ltd.
5	2019-2023	JOYAL JAMES	Hykon India Pvt. Ltd.
			How N Why Education Solutons
6	2019-2023	JUBIN BIJU	How N Why Education Solutons
7	2019-2023	RIZWAN ABDUL RAHIM	How N Why Education Solutons
8	2019-2023	ANAN-DAKRISHNA K. R.	WiFi Office
9	2019-2023	AKHIL SUDHAKARA N	hykon
10	2019-2023	BALU S BABU	TVS RENAULT

MERIT DAY

Merit day of mangalam college of engineering is conducted on July 22nd, 2023 at DMCC Convention center– LECTUS 2K23, Jelin K Jayan,, Akash Varma Aiswarya A K and Albin Thomas were honoured for their academic performance for the academic year 2022—23. Chief guest of the Course Completion Ceremony has presented them momentum and merit certificate.



Jelin k jeyan



Akash Varma



Aiswarya A K



Albin Thomas

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Faculty Achievements



B. K. Jose, "A new MPPT technique for PV systems under partially shaded conditions," International Conference on Communication, Embedded-VLSI Systems for Electric Vehicle (ICCEVE 2023), Hybrid Conference, Kottayam, India, 2023, pp. 44-48.



Jeepa K J, "Comparing the performance of Lead based and Lead free inorganic perovskite solar cell using Scaps -1D" in International Conference on Nano Electronics, Nano Photonics, Nano Matherials, Nano Bioscience and Nano Technology

Congratulations !!!!

Our newly joined
Faculty Ms

Reshma Gopi R is awarded Ph.D degree from Vellore Institute of Technology



Hearty Welcome !!!!

The EEE department faculty heartily welcomes Dr Reshma Gopi to Mangalam College of Engineering as Associate Professor of EEE department.

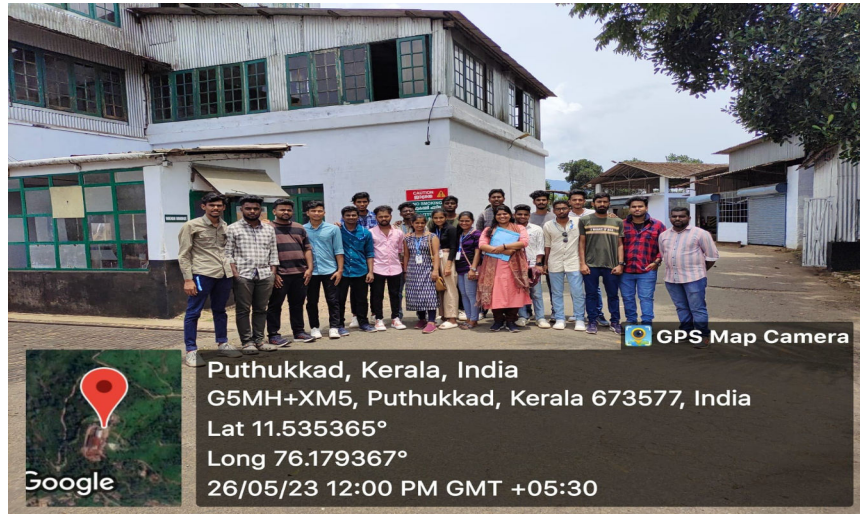


Faculty Development Program

<u>Sl.No</u>	<u>Name of Staff</u>	<u>Conducted/ Attended/ Accepted/ Published/ Presented</u>	<u>Title</u>	<u>Date</u>
1	Dr.Bincy K Jose	Conducted	Recent Trends in Grid Integration	30/01/2023-03/02/2023
		Attended	Recent Trends in Grid Integration	30/01/2023-03/02/2023
		Attended	Emerging Trends in Power,Energy & Control	22/8/23 to27/8/23
		Attended	Short Term Training Program on SMART GRID TECHNOLOGY	17/04/23 to 22/4/23
2	Dr. S Karthikumar	Attended	Recent Trends in Grid Integration	30/01/2023-03/02/2023
3	Dr. S Leela	Attended	Recent Trends in Grid Integration	30/01/2023-03/02/2023
4	Ms. Rahumath Beeby K A	Attended	Recent Trends in Grid Integration	30/01/2023-03/02/2023
5	Ms. Jeepa K J	Attended	Recent Trends in Grid Integration	30/01/2023-03/02/2023
		Presented	Tandem Perovskites solar cell - A Review	9th - 10th march 2023
		Presented	Investigation of Inverted Planar Perovskite solar cell with different ETM	28th - 30th Dec 2022
6	Ms. Shoma Mani	Attended	Recent Trends in Grid Integration	30/01/2023-03/02/2023
7	Ms. Krupa Ann Kurian	Attended	Recent Trends in Grid Integration	30/01/2023-03/02/2023
8	Ms. Lekshmi Nair J	Attended	Recent Trends in Grid Integration	30/01/2023-03/02/2023
9	Ms. Divya Jose	Attended	Recent Trends in Grid Integration	30/01/2023-03/02/2023
		Attended	Ripon Tea factory Wayyand	24/05/23 - 27/05/23
10	Ms. Jolly George	Attended	Recent Trends in Grid Integration	30/01/2023-03/02/2023

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Student Development Programs at a Glance



An Industrial Visit to Ripon Tea Factory, Wayanad on 26/5/23 with Third year (S6) students, Two faculties and twenty students were participated.

Student Development Programs at a Glance



An Industrial Visit to VOLVO, Ernakulam on 12/5/23 with First year (S2) students, Two faculties and twenty nine students were participated.

Student Development Programs at a Glance

The department of Electrical and Electronics Engineering conducted a TechFest CURRENT on 26th April 2K23 at Mangalam College of Engineering. The events conducted were Drone Workshop, Project Expo, Aeroshow, Crime Inveato, Pess Tournament and Free Fire Max Tournament.

**EL-EXPLODE 6.0**

MANGALAM COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL & ELECTRONICS

**DIKSHA '23**
MANGALAM ANNUAL TECH FEST

PROUDLY PRESENTS

CURRENT
TECH FEST
ON APRIL 26TH
EVENTS

1. DRONE WORKSHOP VENUE : M 203 NAKULAN : 9562703295	2. PROJECT EXPO VENUE : M 204 JELIN JAYAN :9605219245	3. AEROSHOW VENUE : AMPHI THEATRE JOYAL JAMES : 8301823574
4. CRIME INVESTO VENUE : M 117 (SEMINAR HALL) JUBIN : 9400566451	5. PESS TOURNAMENT VENUE : M 204 SOORAJ: 8921407504	6. FREE FIRE MAX TOURNAMENT VENUE : M 204 NANDU: 7306134918