



KUMARAGURU
Institutions

TRENZETTER'22
NEWSLETTER



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

JUNE TO DECEMBER (2022)



EDITORIAL MESSAGE:

The Department of Electrical and Electronics has recorded consistent improvement in its academic, research and placement performance. The department offers a range of innovatively designed programs whose curricula are constantly updated to meet the changing requirements of the industry and meet the needs of major stakeholders. When publishing these newsletter's only thing we had in mind was that the Newsletter should reflect the outlook of the department in all aspects. Hereby, we the editors take the responsibility of ensuring the continuity of the issues in the years to come with improvements and richness every time. We are pretty sure that you will get a lot of useful information reading it. However, our work does not end here. We consider that our endeavors will be successful only when, after reading these articles, you get motivated to contribute more such articles in future issues.

Ms. R.S.SANDHYA DEVI, AP – II/EEE
(EDITOR IN CHIEF)



VISION

To be a Centre of Excellence in Globalizing Education and Research in the field of Electrical and Electronics Engineering.

MISSION :

- Empower the students with state-of-art knowledge to excel as eminent electrical engineers with multi-disciplinary skills.
- Emphasize social values and leadership qualities to meet the Industrial needs, societal problems and global challenges.
- Enable the technocrats to accomplish impactful research and innovations.



Message from HoD's Desk



The Newsletter Trenzetter'22 showcases the bright, colorful yet technical and innovative vibes of both students and academicians and together their involvement in many of the ongoing and futuristic events and projects. Many of these potential interactions on the technical and outreach activities happen during the after hours and indeed the real learning takes place after the scheduled hours.

I congratulate all the student members and my colleagues who have been a great support in making things possible. The department is scaling up in placement percentage and higher studies track with the support of our faculty members and students' involvement. I wish all the students Best Wishes for their future endeavors .

I'm grateful to the entire faculty team for their excellent support for their guidance and support to the students in both academic and extracurricular activities.

This newsletter is a book of all the remarkable moments of Team EEE

Thank You

Dr. K MALARVIZHI

Head of the Department



FACULTY NAMES:

S.No	Faculty Name	Signature
1.	Dr.K.Malarvizhi	Prof &Head
2.	Dr.P.Thirumoorthi	Professor
3.	Dr.K.Paramasivam	Professor
4.	Dr.K.Premalatha	Associate Professor
5.	Dr. V. Kandasamy	Associate Professor
6.	Dr. R. Kavitha	Associate Professor
7.	Dr .M. Mohanraj	Associate Professor
8.	Dr. B. Karunamoorthy	Associate Professor
9.	Dr.N.Vinoth Kumar	Associate Professor
10.	Dr. M. Nirmala	Assistant Professor III
11.	Dr. N. Prakash	Assistant Professor III
12.	Dr. T. Shanthi	Assistant Professor III
13.	Dr. S. Kaliappan	Assistant Professor III
14.	Mr. J. Ram Prabu	Assistant Professor II
15.	Mr. R. Suresh Kumar	Assistant Professor II
16.	Ms. R. S. Sandhya Devi	Assistant Professor II
17.	Ms. P. Maithili	Assistant Professor II
18.	Ms. G. Anushree	Assistant Professor II
19.	Ms. D. Sharmitha	Assistant Professor II
20.	Dr. T. Viswanathan	Assistant Professor II
21.	Mr. N.MohanaSundaram	Assistant Professor II
22.	Mr. M.Mathan Kumar	Assistant Professor II
23.	Mr. S.Arun Kumar	Assistant Professor II
24.	Mr. S.Surya Prakash	Assistant Professor II



DEPARTMENT – INTRA EVENTS

S.NO	DATE AND TIME	NAME OF THE EVENTS	EVENT COORDINATORS
1)	SEPTEMBER 5 4:40PM- 6:00PM	TEACHER'S DAY EVENT	EZHILEESHA V
2)	SEPTEMBER 15 10:00AM- 12:00PM	ENGINEER DAY EEE- "MAGAZINE RELEASE" AND DEBUG THE BUG EVENT	PADHMASHRI
3)	OCTOBER 21 9:00AM- 1:00PM	SECOND YEAR IMMERSION PROGRAM	EZHILEESHA V
4)	OCTOBER 29 12:00PM- 12:30PM	ALUMNI TALK	SARIGHA
5)	NOVEMBER 11 2:00PM- 2:45PM	CAREER GUIDANCE SERIES(EPIISODE1- "THE ROAD NOT TAKEN")	SARIGHA and RATHISH
6)	NOVEMBER 28 to DECEMBER 2	WEEK ELECTRA	



6) i)	NOVEMBER 28 9:30AM- 10:30AM	RESUME BUILDING	ROJA KANAN
6) ii)	NOVEMBER 29 3:40PM- 4:40PM	POSTER PRESENTATION	ARUNASHREE
6) iii)	NOVEMBER 30 3:40PM- 4:40PM	DEPARTMENT TOUR	SARIGHA SRIRAM
6) iv)	DECEMBER 1 10:30AM- 12:30PM	IDEATHON	SRIBALAJI
6) v)	DECEMBER 2 2:30PM- 4:30PM	VAANGA PAZHAGALAM (Fun Event)	SAKTHIVEL
7)	DECEMBER 14 1:40PM- 2:40PM	GREEN RUSH	GAYATHRI,RATHISH



TEACHER'S DAY EVENT;

The happiness we made on TEACHER'S DAY 2022.

After our parents, it is the teacher who inculcates good values and wisdom into our lives. They play a very important role in every student's life. Words are not enough to express our gratitude to our teachers, therefore we dedicated a video, conducted many fun games on 5th September to all our beloved teachers who have taught us something about life and helped us to become better individuals.





Teacher's Day 2022 🎉





EVENT DATE : 15.09.2022

A Glimpse of Ampknots launch!

Yugam

We, the department of EEE and Aeronautical Engineering, were proud to debut the Dream magazine! 'Ampknots' in the presence of Dr. Malarvizhi K., HOD EEE, and Dr. Sundararaj K., HoD Aeronautical on an Engineer's day 2022. This magazine is the fruit of sheer hardwork and dedication put forth by both the department students.'Ampknots' contains a wealth of educational content, including articles about innovations, science life, comics, and masters' interviews.







My Learning at Energy Summit 2022

- By Sarigha Sriram, III - EEE

Glad to have attended the three day India's First Energy Festival conducted by IIT Madras Research Park (IITMRP) and IESA from 3rd - 5th November 2022. It was a wonderful experience to get connected with mates from fellow colleges, academia, and industrialists. This conference hosted talks and panel discussions on varied topics on Renewables, Energy Storage, De-carbonization, Carbon capture, Electrification of transportation and mobility by high profile speakers who are a part of different sectors. The projects exhibited and the research expertise on various domain were insightful. The EV parade and the IIT Madras Research Park campus tour were so exciting. The ultimatum of the whole conference drove us to Net Zero Carbon target by 2050.





Engineer's Day 2022

DEBUG THE BUG

The "DEBUG THE BUG " event that was held on September 15,2022, in honor of Engineers Day. This is one of the technical events that EEE has successfully held. In this event, the students are required to complete a quiz as the first round and then to find any defects in the provided circuit as the second round. This helps the students to gain more core knowledge and gives hands on experience in hardware.



**Debug the bug 🐛
ft. Engineer's day'22**





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WEEK ELECTRA

Student event coordinators: Sakthivel, Roja Kannan and Shriram, Sarigha Sriram and Ajay Amirth, Arunashree, Sribalaji

This report is to provide an update on the events ‘Resume Building’, ‘Introduction to Embedded System’, ‘Poster Presentation’, ‘Department Tour’, ‘Sports – Throwball’, ‘Ideathon’, ‘Vaanga Pazhagalam’. Important details of the event are as follows,

Start date of the event: 28th November 2022

End date of the event: 2nd December 2022

Number of student participation: 120

Objective of the event: Various types of fun and technical event conducted by Department Association.

DAY 1

DAY 1

DEPARTMENT OF EEE PRESENTS
WEEK ELECTRA **DAY 1**
RESUME BUILDING
FOR THIRD YEARS
VENUE : B BLOCK 102
MONDAY NOVEMBER 28 | TIMING: 09:30 - 10:30
SPEAKER : NIKHIL VENKATESH, BOSCH.
CONTACT : 9597690464 - ROJA KANNAN
@KCT_EEE

DAY 2

DAY 2

DEPARTMENT OF EEE PRESENTS
WEEK ELECTRA **DAY 2**
POSTER PRESENTATION
ELECTRICAL VEHICLE
VENUE : EMBEDDED LAB
TUESDAY NOVEMBER 29 | TIMING: 03:40 - 04:40
JUDGE : DR. N. VINOTHKUMAR
CONTACT : 93453 06318 - ARUNASHREE
@KCT_EEE



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DAY 3

DAY 4




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DEPARTMENT OF EEE
 PRESENTS
WEEK ELECTRA DAY 3

**SPORTS -
 THROWBALL**



WEDNESDAY | TIMING:
 NOVEMBER 30 | 05:00 - 06:00

CONTACT : 98439 39104 - AJAY AMIRTH
 @KCT_EEE




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DEPARTMENT OF EEE
 PRESENTS
WEEK ELECTRA DAY 4

IDEATHON
 SUSTAINABLE SCIENCE





VENUE : EMBEDDED LAB
 THURSDAY | TIMING:
 DECEMBER 01 | 10:30 - 12:30

JUDGE : THENNAVAN S P, SENIOR YEAR EEE

CONTACT : 95145 41584 - SRIBALAJI
 @KCT_EEE

DAY 5





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DEPARTMENT OF EEE
 PRESENTS
WEEK ELECTRA DAY 5


**VAANGA
 PAZHAGALAM**

FUN EVENT



VENUE : C BLOCK
 SEMINAR HALL

FRIDAY | TIMING:
 DECEMBER 02 | 02:30 - 04:30

CONTACT : 63802 77227 - SAKTHIVEL
 @KCT_EEE



DAY 1:

“RESUME BUILDING”

Beginning this week Electra with the significant session for the pre final years – resume building.

It is truly overwhelming to witness your enthusiastic participation.

If opportunity doesn't knock build a door; Resume Building is one of the major assets for placements, Kudos to our DA team for organizing such a thoughtful event and Thanks to Nikil Venkatesh K, final year-EEE student who is interning at Bosch ,for giving such splendid input or resume building that will help our students further their careers.

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EVENT

“INTRODUCTION

NAME:

TO



EMBEDDED SYSTEMS “



We proudly present the "Introduction to Embedded systems" workshop exclusively curated for the second year, it is ecstatic to see the anticipation in their eyes to learn something new. The workshop on embedded systems made everyone understand the entire hardware and software based on it. The insights of the substantial workshop are included in this post.

Expressing our appreciation to Arunan
3rd year EEE student for providing such
informative and interactive session.



R,
an



DAY 2: POSTER PRESENTATION

Look at the zestful minds of our department who actively participated in the "digital poster making challenge" on the second day of Week Electra! Students



joined teams and utilized their combined creativity to design posters using Canva on Electric Vehicles, within a short span of time.



DAY 3: DEPARTMENT TOUR:

If you know your surrounding, then your curious chances of innovations are



high. Our faculties and our team made this wonderful department tour where all the panorama and range of vision in our block is exposed.



“SPORTS-THROWBALL”

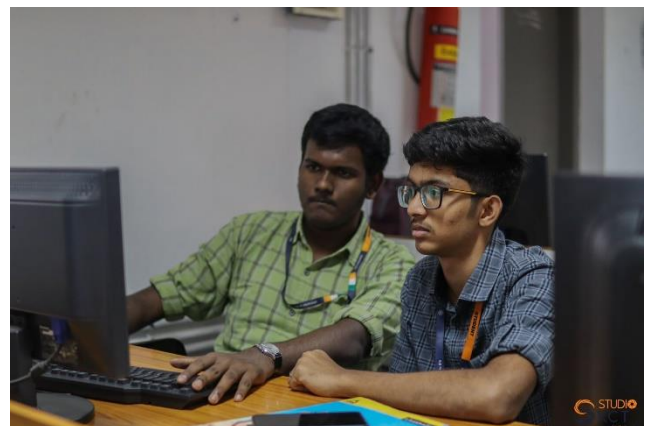
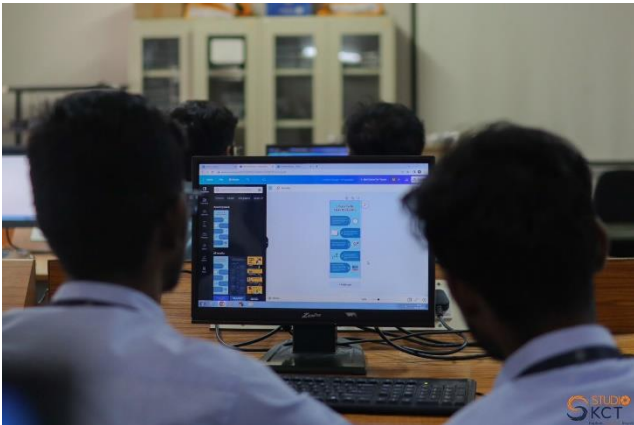
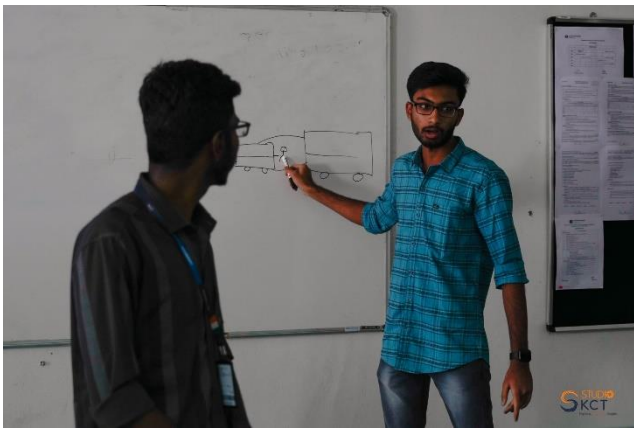
The only way to prove you as a good sports person is to play, and the opportunity for the students have been initiated and the electrifying energy of the players made the ground lively and dynamic and take a look at the vibrant photographs. If you know your surrounding, then your curious chances of innovations are high. Our faculties and our team made this wonderful department tour where all the panorama and range of vision in our block is exposed.





DAY 4: IDEATHON

We are faced with millions of problems each day, but our brain never fails to come up with the craziest solution for each one of them. To put such brains to work and brainstorm some mind blowing ideas, the Department of EEE organized the Ideathon on Sustainable Science on the Day 4 of Week Electra.





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DAY 5 "VANGA PAZHAGALAM"

Fun is an important ingredient for a happy team and what better way to have fun than to play games together? To celebrate WEEK ELECTRA's success and to end the last day with a bang the DA of EEE had conducted "Vaanga Pazhagalam", a step to bring everyone in the department together and get to know each other.





“THE ROAD NOT TAKEN”

This report is to provide an update on the event ‘The Road not Taken’. Important details of the event are as follows,

Date of the event: 11th November 2022

Number of student participation: 60

Number of faculty participation: 2

Objective of the event: A Guest Lecture conducted to give an idea about career and lifestyle.

The poster is purple and white. At the top left is the EEE Department Association logo. To its right is the Kumaraguru Institutions logo. The main title is 'Career Guidance Series '22' in large purple font. Below it, a purple arrow-shaped box contains 'Episode 1' and 'THE ROAD NOT TAKEN'. A portrait of Ms. Shobhana Kumar is on the left. To her right, text reads 'An Interactive Session by Ms. SHOBHANA KUMAR, Writer, Social worker, Mentor, CLED Kumaraguru Institutions.' At the bottom, the date and time are '11th November, 2022, 02.00pm - 02.45pm' and the location is 'Seminar Hall - C Block'. Contact numbers are listed at the very bottom.

EEE DEPARTMENT ASSOCIATION

KUMARAGURU
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Career Guidance
Series '22

Episode 1
“THE ROAD NOT TAKEN”

An Interactive
Session by
Ms. SHOBHANA KUMAR
Writer, Social worker, Mentor, CLED
Kumaraguru Institutions.

11th November, 2022
02.00pm - 02.45pm
Seminar Hall - C Block

Contact:
9962236062
9600356088

Hardwork is important for achieving our goals but what's more important is the right guidance that we get along the path. To show us the right path and to help us find our interests and strengths the department of EEE conducted our first Career Guidance session.



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The first episode of our new series, "The road not taken" was an inspiring talk given by Ms. Shobhana Kumar.



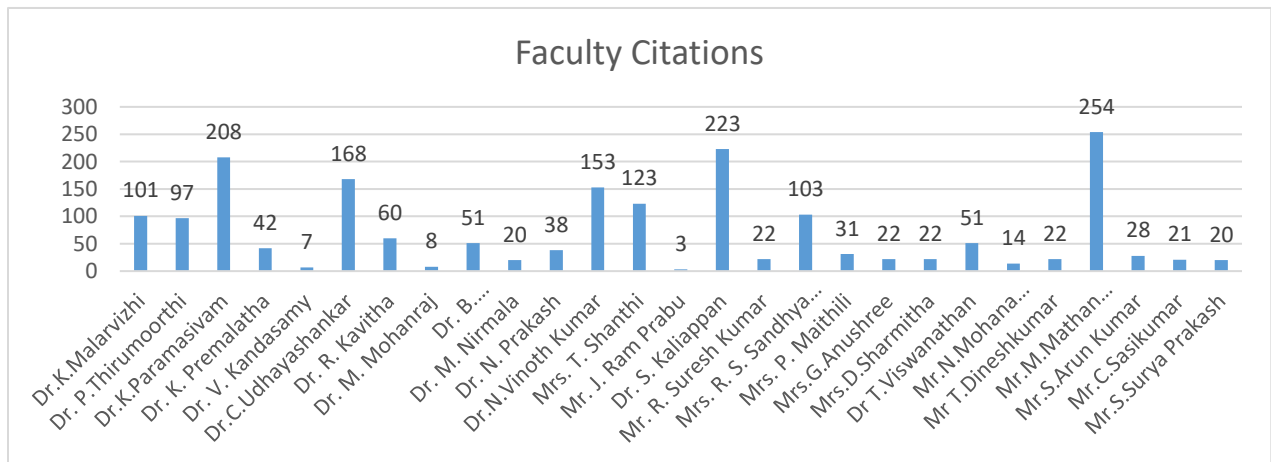


Faculty Corner

Faculty Progress: Includes upskilling, achievements by faculty, staff members.

- Dr.M.MOHANRAJ, Associate Professor has attended online FDP on " Research Scope in Electric Vehicles (In collaboration with ANSYS) " conducted by NITT, on 5th December to 9th December 2022.
- Ms.D.SHARMITHA, Assistant Professor-II has attended online FDP on " Research Scope in Electric Vehicles (In collaboration with ANSYS) " conducted by NITT, on 5th December to 9th December 2022.

Faculty Citations - Google Scholar (Till Dec'22)





Placement Updates

43 Final year students placed in core company -Robert Bosch, India and 37 Final year Students placed in software company – Zoho, AstraZeneca, etc. Total 66 % of students placed till December 2022.