



CHRIST
(DEEMED TO BE UNIVERSITY)
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SURGE

NEWSLETTER

— APRIL 2022 —

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**Department of Electrical and Electronics
Engineering
School of Engineering and Technology**

EDITORIAL TEAM

Chief Editors:



Nirmala John
Faculty Representative



Ashwin Abraham
Student Representative

Creative Editors:



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Faculty Representative



Roshni Tresa
Student Representative

Content Team:



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Designer



Aloysius Fernandez
Scribe



Royesee J M
Scribe

ETHNIC DAY '22

The “Ethnic Day”, also known as “Bhasha Utsav” was celebrated on 1 April, 2022. The big day started with the cultural procession from the main gate to the open auditorium. In the open auditorium, the event was inaugurated by the chief guest for the day, Prof. Shankar. The Dean of the School of Engineering and Technology, Dr. Iven Jose later welcomed the gathering and gave a deep insight about the cultural diversity that prevails within the campus and the unity among all. Later, there were student performances that reflected their native state culture and grand performances by two professional teams - Kamsale team and Singari Melam team. After a short break, the informal program and dance gathering were held, where all the students and staff enjoyed the togetherness with diversity.



MAGNOVITE '22

Electropathi and EV-thon are technical events organised by the Electrical and Electronics Engineering Department every year to enhance the knowledge about various technicalities, innovations and designs in the Electrical and Electronics domain. Electropathi was organized and conducted in two rounds. While EV-Thon was conducted in one round. There were participants from across the globe, who applied online and offline through Magnovite's official link.

Round one of Electropathi was conducted online on 22nd April in which the participants were provided with a Quiz form to be filled within a specified time. Round two was organized on Magnovite day two on 23rd April at 11:00 am, it was conducted through Google meet platform in online mode.

EV-Thon is an ideathon that provides students with an opportunity to showcase their ideas and innovations in the field of Electric Vehicles. EV-Thon was sponsored by PGR Powertech. PGR Powertech is one of the leading transformer (LT or HT) manufacturers in Kerala for over three successful decades. The event was conducted in hybrid mode on 23rd April 2022. The judges for the event were Mr. Arun Kurian and Mr Shiburanj. Mr Arun Kurian is working as a freelance Solar Design Engineer at Berlin, Germany.

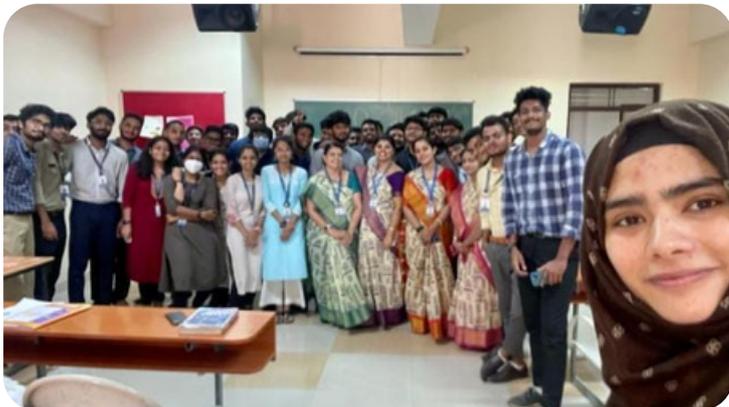
Mr Shiburanj Works at Robert Bosch GmbH in Engineering Solutions- Hybrid Electric Vehicles. The event was met with active participation by four teams and eleven participants competing in total who presented their ideas and solutions. The innovations to be concentrated on as follows,

- Charging Solutions
- Advanced Powertrains
- BMS
- Autonomous Vehicles
- Range anxiety issues



HAPPY RETIREMENT — SEND-OFF PARTY

Dr. Usha Surendra, faculty, Department of Electrical and Electronics Engineering, completed her service of teaching. The department gave a heart touching sendoff party on April 28, 2022 for her healthy retired life. The party started with the Head of the Department, Dr. Joseph Rodrigues, sharing his experience with Dr Usha and conveying his compliments and prayers for her. After this, a cake was cut. The class representatives, on behalf of all the students gifted her with a present for her selfless service and support for each one of them. The party was concluded with Dr Usha wishing every one present best wishes for their future, goals and dreams in life, and also gave her blessings.



▶ IMPORTANCE OF HEALTH AND HYGIENE – EETA

The Electrical Engineers Technical Association (EETA) had organised a talk on the importance of health and hygiene lead by Steben Babu and M.V. Chandrahas of 6BTEE on April 9, 2022. The session was an informative and interactive one about personal hygiene and its importance. The session also focused on the professional attire to be followed while coming to college and other professional fields, also a part of personal hygiene. They also discussed about various health issues that occur due to bad lifestyle and how to improve upon the same. A quiz was also conducted before the session was concluded.





IMPORTANT HEADLINES

- Engineers develop new control electronics for quantum computers that improve performance, cut costs.
- Using Ultrasonic Waves to Charge Underwater and Body-Implanted Electronic Devices.
- Innovative New Magneto-Electric Transistor Could Cut 5% From World's Digital Energy Budget.
- As EV demand soars, battery maker Nexcharge gets all its production lines running.
- Beyond electric cars: how electrifying trucks, buses, tractors and scooters will help tackle climate change.
- Lower taxes on hybrid cars can help faster adoption of EVs in India: Honda.
- Bids invited to set up manufacturing zone for power, renewable energy.
- With temperature soaring, Delhi's power demand crosses 6,000 MW for first time in April.
- MFL to set up wind-solar hybrid project with ReNew Green Energy.
- Zinc air batteries are viable and cost-effective solution to store renewable energy, says International Zinc Association chief.



DATES TO REMEMBER

- 1 May – International Labour Day or May Day
- 3 May – World Asthma Day
- 7 May – World Athletics Day
- 8 May – Mother's Day (Second Sunday of May)
- 11 May – National Technology Day
- 15 May – International Day of Families
- 17 May – World Telecommunication Day
- 20 May – National Endangered Species Day
- 21 May – National Anti-Terrorism Day
- 21 May – Armed Forces Day
- 22 May – International Day for Biological Diversity
- 31 May – Anti-Tobacco Day



CREATIVITY CORNER

POET'S CORNER

The future,
It's yet to happen,
Thus unsure am I,
Of what it holds.

But what's happened,
It's happened.
Not everything can I claim,
Was the best.
Yet,
The depths of my soul,
Know how I've grown,
With every one of those moments.

The present,
In it I want to live.
For in the past,
I can't live again,
In the future,
I can't live yet.

So let me,
Distill these moments.
Extract these nights,
And milk these days,
For every second,
Every moment,
I wish to store,
In a Mason Jar.

Like a child,
Capturing sunlight,
I want to hold these days,
Forever.

I can't know for sure,
If these are the days,
I'll look back to,
Thinking about,
How those moments,
Were the best of my life.

So I'll laugh some more,
Cry some more.

Let me live,
Because I don't know,
I really don't know,
What will come next.

ASHWIN ABRAHAM
8BTEE

ART NOOK



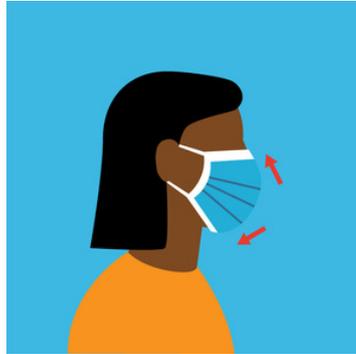
**ANIKET VERMA
8BTEE**

**ALFRED JUSTIN A
4BTEE**



THREE GOLDEN RULES

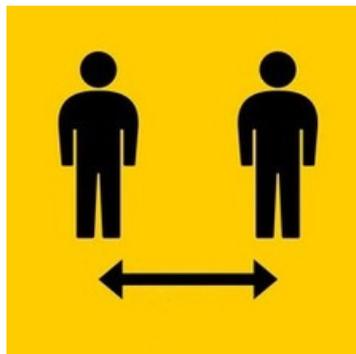
WE EXPECT YOU TO FOLLOW ALWAYS



**Always wear
a face-cover/Mask**



**Wash Hands frequently
and Sanitize**



**Maintain Distance
from others**



HERE'S A PLAYLIST FOR YOU

FROM THE EEE EDITORIAL BOARD



SCAN THE QR CODE GIVEN BELOW TO FIND THE PLAYLIST



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