

## ACADEMIC YEAR 2022–23

### WORKSHOP & SEMINARS

#### TALK ON ELECTRIC VEHICLES



On 19<sup>th</sup> April 2023 a talk on “Electric Vehicle” was organized by EEE Department in association with IEEE PES. Mr. Mirash Francis, BMW Genius, BMW EVM Autokraft was the resource person. Students of both EEE and EL department attended the session. Talk gave the students an idea about the evolution of Electric Vehicles, Its design considerations and latest advancements in EV manufacturing. The resource person made the session more interesting through multimedia presentation & the participants got ample opportunity to clarify their doubts regarding the topic in the Q & A session.



## TALK ON APPLICATIONS OF INFORMATION TECHNOLOGY, COMMUNICATION TECHNOLOGY IN FIELD OF ELECTRICAL ENGINEERING

On 6<sup>th</sup> January 2023 Mr. Johney Varghese, Vice President, Product Engineering Services, KalkiTech gave a talk on “Applications of Information Technology, Communication Technology in Field of Electrical Engineering”. Students and faculty from EEE, EC, CSE& EL department attended the session. The speaker gave a good insight to the students and faculty about the application of Information Technology, Communication Technology etc. in the field of Electrical Engineering. He had also clarified the doubts of the students and faculty.



## MY STORY- MOTIVATIONAL SESSION BY A SUCCESSFUL ENTREPRENEUR

On 28<sup>th</sup> October 2022 , Mr.JuhaimIbunu Abdul Jabbar (2010 -2014 Batch) alumini EEE department and Head of Operations, Blue Armour gave a motivational talk to 2022 Admission EEE and EL students. Mr. Juhaim detailed about his achievements in his campus life and his journey towards a successful entrepreneur. The talk provided an exposure to the students on getting on-board the start-up journey and how to overcome the hurdles. By the end of the meeting the students got a chance to put forth their queries which were diligently answered by the facilitator.

**Toc H** INSTITUTE OF SCIENCE & TECHNOLOGY

**FIST** INSTITUTION'S INNOVATION COUNCIL

MHRD'S INNOVATION CELL (GOVERNMENT OF INDIA)

### MY STORY

Motivational Session by Successful Innovator

Muhammed Juhaim  
Ibnu Abdul Jabbar  
Head of Operations, Blue Armour

For Registration  
<https://rb.gy/ws6gdw>

Friday, 28 October 2022  
10:00 am - 11.00 am

<https://meet.google.com/bwj-fziq-qhw>

Department of  
Electrical & Electronics  
Engineering

Toc H Kochi

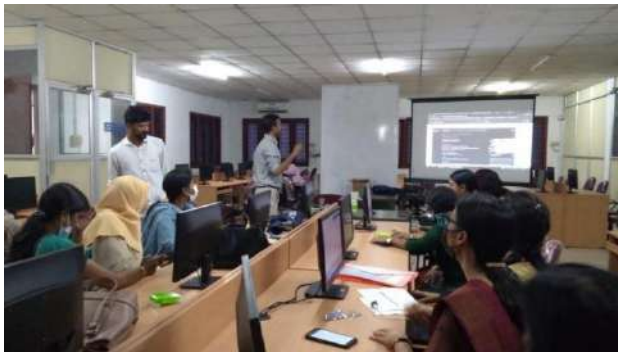
NBA AACSB ISO

## KTU SPONSORED THREE DAY FACULTY DEVELOPMENT PROGRAMME ON RELEVANCE OF BLOCKCHAIN, IOT AND CYBER SECURITY IN ELECTRICAL GRIDS

The Department of Electrical & Electronics Engineering organized a three - day Faculty Development Program on “*Relevance of Blockchain, IoT and Cyber Security in Electrical Grids*” during 27<sup>th</sup>, 29<sup>th</sup> & 30<sup>th</sup> August 2022. The FDP started with an inaugural session at 9:00 am on 27<sup>th</sup> August 2022. Asst. Prof. Mangala Devi K T, HoD EEE welcomed the gathering. The function was presided over by Prof. (Dr.) PreethiThekkath, Principal, Toc H Institute of Science and Technology.



Later sessions on various themes were covered by Prof. Dr. Jubilant J Kizhakkethottam from Saintgits College of Engineering, Dr.L.Ashok Kumar, Professor & Associate HoD, Dept. of EEE PSG College of Technology Coimbatore, Dr. Panchami. V, HoD Department of Cyber Security, IIIT Kottayam and Mr. Mohammed Aslam, CEO InQbe Innovations Pvt. Ltd Kochi. A total of 30 faculties including faculties from other KTU affiliated colleges attended the FDP.



The different topics covered in FDP are Introduction to Cyber Security & its Relevance in Electrical Power Systems, Cyber Security & Information Security in Smart Grids, Blockchain-IoT and Smart Grid Implementation using Blockchain, Smart Grid Architecture – Research Perspectives & Use Cases and Introduction to IoT. A hands-on session was also conducted as part of FDP which helped faculties to familiarize with different microcontrollers that can be used for IoT application.

## TALK ON INNOVATION & ENTREPRENEURSHIP OPPORTUNITIES IN ENGINEERING

On 10<sup>th</sup> August 2022 EEE department in Association with IIC conducted a webinar titled “Innovation & Entrepreneurship Opportunities in Engineering” under the MIC Sponsored IMPACT LECTURE SERIES-2022. Dr. Unnikrishnan K C, Co-founder, Zoid Labs was the resource person. The talk helped in encouraging innovation and entrepreneurial skills in Engineering Students. The session was interactive and many students could discuss their ideas and concerns in detail.

The poster is for a webinar titled "Innovation and Entrepreneurship opportunities in Engineering". It is part of the "IMPACT LECTURE SERIES 2022" and "SESSION II LECTURE II". The speaker is Dr. Unnikrishnan K C, Co-Founder of Zoid Labs. The event is scheduled for Wednesday, 10 August 2022, from 03:00 pm to 04:30 pm. Registration is available at <http://surl.li/cqncl>. A QR code is provided for registration. The webinar can be accessed via a Google Meet link: <https://meet.google.com/oum-oxcn-spd>. The poster includes logos for Toc H Institute of Science & Technology, TIST, Institution's Innovation Council, AICTE, and MHRD's Innovation Cell (Government of India). At the bottom, it mentions the Department of Electrical & Electronics Engineering and lists social media icons and logos for Toc H Kochi, NBA, SAAL, and ISO.

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MIC Sponsored  
IMPACT LECTURE SERIES 2022  
SESSION II LECTURE II

**Innovation and Entrepreneurship opportunities in Engineering**

Speaker  
Dr. Unnikrishnan K C  
Co-Founder Zoid Labs

For Registration  
<http://surl.li/cqncl>

Wednesday, 10 August 2022  
03:00 pm - 04:30 pm

<https://meet.google.com/oum-oxcn-spd>

Department of Electrical & Electronics Engineering

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