THE ANNUAL NEWSLETTER

SPARK

PUBLISHED BY

ELECTRICAL ENGINEERING DEPARTMENT

ICFAI UNIVERSITY TRIPURA

April, 2026

FROM THE DESK OF THE VICE CHANCELLOR

I am delighted to inform that Electrical Engineering (EE) Department of The ICFAI University Tripura is coming up with its first Newsletter- SPARK as an earnest endeavor to encourage and document the regular academic as well as other extracurricular achievements of the department as a whole. The ICFAI University Tripura is a premier academic institution of the State with a holistic pursuit of becoming an Institute of Excellence in North-Eastern region and become the most trusted educational and research resort for the young and geographically severed northeastern talents primarily. However, ICFAI University welcomes talents from across the nation and is also optimistic to adequately accommodate international students and researchers.

The ICFAI University Tripura was established in the year 2004 by the Act of State Legislature (Tripura Act 8 of 2004), and since then, crediting on its industrious and sacrament conviction of academic excellence, it claimed the trust of the people of Tripura as well as students from other states of the Nation. Today, on the eve of the launch of the First volume of ICFAI Electrical Engineering (EE) Department Newsletter, I am glad to remark that the ICFAI University Tripura is one of the finest and established academic and research institutions and for this I would like to give credit to every member of this family for their respective roles in this ardent venture.

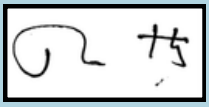
Prof. (Dr.) Biplab Haldar
Vice Chancellor
The ICFAI University Tripura

MESSAGE FROM THE REGISTRAR

It gives me immense pleasure to congratulate the Electrical Engineering Department of The ICFAI University Tripura on the launch of their Annual Newsletter —SPARK, a truly commendable initiative that speaks to the Department's forward-thinking vision and academic spirit.

The Electrical Engineering Department has consistently been one of the most distinguished departments of this University, unwavering in its commitment to fostering quality education and research in electrical engineering for the advancement of our State and Nation. The Department has continually demonstrated excellence not only in its academic programs but also in its dedication to ensuring holistic growth and an enriching learning experience for every student. A departmental newsletter is far more than a publication — it is a living testament to the intellectual vitality, creativity, and collective endeavor of its academic community. I am confident that this initiative will serve as an inspiring platform for students, faculty, and all stakeholders to share knowledge, celebrate achievements, and strengthen the bonds of academic fellowship.

I extend my warmest wishes and wholehearted encouragement to the entire Electrical Engineering Department team. May this Newsletter grow from strength to strength and continue to illuminate minds for years to come.



Prof. (Dr.) A. Ranganath
Registrar,
The ICFAI University Tripura

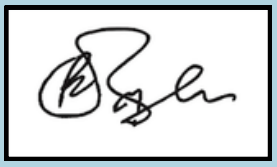
MESSAGE FROM THE DEAN, FACULTY OF SCIENCE & TECHNOLOGY

It gives me immense pleasure and pride to welcome you to the inaugural issue of the Electrical Engineering Department's Annual Newsletter — SPARK, a milestone that marks a new chapter in our journey of academic excellence and innovation. This newsletter is a vibrant platform designed to showcase the rich tapestry of activities, achievements, and aspirations of our Department. Within these pages, you will discover the latest departmental news along with highlights of our enriching academic programs — including Workshops led by distinguished Industry Experts, Seminars, Student Technical Talks, and inspiring sessions by our esteemed Faculty and Alumni. Each of these initiatives reflects our shared commitment to nurturing well-rounded, industry-ready engineers.

The Electrical Engineering Department takes great pride in offering an innovative, job-oriented B.Tech program in Electrical Engineering — thoughtfully designed to bridge the gap between academic knowledge and real-world application. Our focus remains steadfast on delivering high-quality engineering education complemented by meaningful hands-on training, empowering every student to excel in their chosen path.

I extend my heartfelt congratulations to every member of the Department — faculty, students, and contributors alike — for their dedication and enthusiasm in bringing this newsletter to life in such a commendable time. Your efforts are a true reflection of the spirit that defines our Department.

I hope this newsletter gives a real SPARK, inspires, informs, and ignites a deeper passion for learning in all its readers. Here's to many more editions ahead!



Dr. Priyangshu Rana Borthakur
Dean, Faculty of Science & Technology
The ICFAI University Tripura

MESSAGE FROM THE PRINCIPAL, ICFAI TECHNICAL SCHOOL

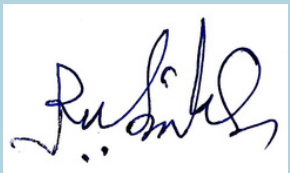
It gives me immense pleasure and pride to present the inaugural edition of SPARK — the official Newsletter of the Department of Electrical Engineering, ICFAI Technical School. This launch marks a significant milestone in our institution's journey towards fostering a culture of knowledge, creativity, and innovation.

SPARK is envisioned as a dynamic platform that empowers aspiring engineers to showcase their technical expertise, articulate innovative ideas, and explore the frontiers of electrical engineering. Beyond its technical dimension, this newsletter also seeks to uncover and nurture the literary talents of our students and faculty, creating a space where technical acumen and creative expression go hand in hand.

I wish to express my deepest appreciation and gratitude to the Editorial and Design team of SPARK for their tireless dedication, creativity, and meticulous effort in bringing this newsletter to life in such an engaging and reader-friendly manner. Your passion and commitment are truly commendable.

I also extend my heartfelt congratulations to the Head of the Department, faculty members, staff, and students who have worked with unwavering enthusiasm and determination to make this vision a reality. This newsletter is a testament to the collective spirit and excellence that defines our Department.

May SPARK continue to shine brightly, inspire young minds, and illuminate the path to a future full of promise and possibility. I wish each one of you a brilliant and bright future ahead!



Dr. Prasanta Kumar Sinha
Principal, ICFAI Technical School
The ICFAI University Tripura

MESSAGE FROM THE VICE PRINCIPAL, ICFAI TECHNICAL SCHOOL

It is with immense joy and heartfelt satisfaction that I extend my warmest wishes on the occasion of the first issue of the Electrical Engineering Department's annual newsletter- SPARK. In alignment with the visionary mission of The ICFAI University, Tripura, and under the invaluable guidance and inspiring leadership of our Hon'ble Vice Chancellor, the department remains steadfastly committed to fostering a culture of innovation and intellectual curiosity among its students and faculty members alike.

This newsletter marks an exciting and significant academic milestone — a platform thoughtfully designed to celebrate achievements, exchange ideas, and encourage meaningful participation in academically enriching and institutionally approved activities. It stands as a testament to the department's unwavering dedication to nurturing talent and promoting a vibrant academic community. With a strong emphasis on power systems, electrical machines, power electronics, circuit design, and emerging smart grid technologies, the department is deeply committed to delivering high-quality engineering education complemented by extensive hands-on training and practical exposure.

I sincerely hope that this newsletter- SPARK will serve as a true reflection of the department's dynamic activities, research endeavors, and student achievements. I extend my heartiest congratulations and best wishes to the entire editorial team for their dedicated efforts, and I look forward to the continued growth and success of this wonderful initiative with your generous support and kind patronage.

Dr. Abhijit Biswas
Vice- Principal, ICFAI Technical School
The ICFAI University Tripura

MESSAGE FROM THE HEAD OF THE DEPARTMENT, ELECTRICAL ENGINEERING

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Dr. Rita Banik
Assoc. Professor & H.O.D, EE
The ICFAI University Tripura

ORGANIZING COMMITTEE

1. Dr. Rita Banik , Assoc. Professor & H.O.D, EE
2. Dr. Manish Paul , Asst. Professor , EE
3. Mr. Sourav Roy, Lab Instructor

LIST OF DEPARTMENT FACULTY MEMBERS

1. Dr. Rita Banik , Assoc. Professor & H.O.D, EE
2. Dr. Shantanu Acharya , Assoc. Professor , EE
3. Dr. Manish Paul , Asst. Professor , EE
4. Dr. Aditya Sankar Sengupta , Asst. Professor , EE

LIST OF DEPARTMENT STAFFS

1. Mr. Prasanta Sarkar, Lab Instructor
2. Mr. Sourav Roy, Lab Instructor

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About the University

The ICFAI University, Tripura (referred to hereafter as the University) was established in 2004 through an Act of State Legislature (Tripura Act 8 of 2004). The University has been approved by the University Grants Commission, un-der Section 2(f) of the UGC Act, 1956 and the University is empowered to award degrees under Section 22 of UGC Act, 1956.

The University is Member of the following:

- **Association of Indian Universities, New Delhi, India.**
- **Association of commonwealth Universities, London, UK.**
- **Institution of Engineers (India)**
- **Association of Management Development Institutions in South Asia (AMDISA).**
- **Department of Scientific and Industrial Research, Ministry of Science and Technology, Govt. of India**
- **Confederation of Indian Industry (CII).**
- **Vijnana Bharati.**
- **Academy of hospital Administration, Govt. of India.**

Accreditations:

The University has the following accreditations of the regulatory authorities:

- **University is NAAC Accredited.**
- **University Grant Commission**
- **National Council for Teacher education (NCTE)**
- **Bar Council of India (BCI)**
- **Distance Education Bureau (DEB)**
- **Rehabilitation Council of India(RCI)**

The University, with its motto "Meritum Ethicus" strives to develop a new ca-dre of professionals with high level of competence and deep sense of moral principles and commitment to the code of professional conduct. The University believes in creating and disseminating knowledge in core and frontier areas through innovative educational programs, research, consulting and publishing, and developing a new cadre of citizens with a high level of competence and deep sense of ethics and commitment to the code of professional conduct.

About the Department

· The branch of engineering that deals with both Electricity and the science of controlling it i.e. Electronics is Electrical Engineering (EE).

· In this branch, students study different aspects of Electricity and Electronics along with their numerous applications. The Department of Electrical Engineering was established in the year 2014 for B.Tech programme.

· The Department also offers B.Tech Lateral Entry programme from the academic year 2015-2016. The department has made significant growth in terms of infrastructural and academic standards on par with other premier institutions in India.

· The department has well experienced faculty members with Ph.D and M.Tech qualifications. The department has fully equipped laboratories/licensed softwares as listed below for UG Programmes to impart practical knowledge to students who can take up any assignment after their graduation.

To carry out the studies in advanced field of Electrical Engineering, and to take up in-house projects, well qualified and dedicated faculty members who are instrumental in building the career of the students are available in the department. The department as a part of the Faculty of Science & Technology periodically organizes and remains associated with National/ International conferences, seminars/ Symposia, workshops and arrange guest lectures by external faculty for the benefit of the students and faculty as well. The department periodically conducts Technical Seminar/Quizzes, remedial classes for the slow learners and also Communication Skills development classes for the benefit of Students. Faculty members are actively involved in research and academic developmental / consultancy activities. The faculty takes keen interest in attending summer / winter schools / workshops / conferences to acquire the technical knowledge about the latest technical developments in the field of Electrical and Electronics Engineering and published/presented Research papers in various reputed journals/conferences. The management has keen interest to promote quality education and provide financial assistance to faculty members for attending seminars / workshops etc. The Department conducts industrial tours/visits in every year and visits to various industries and power houses for students are arranged as part of their curriculum.

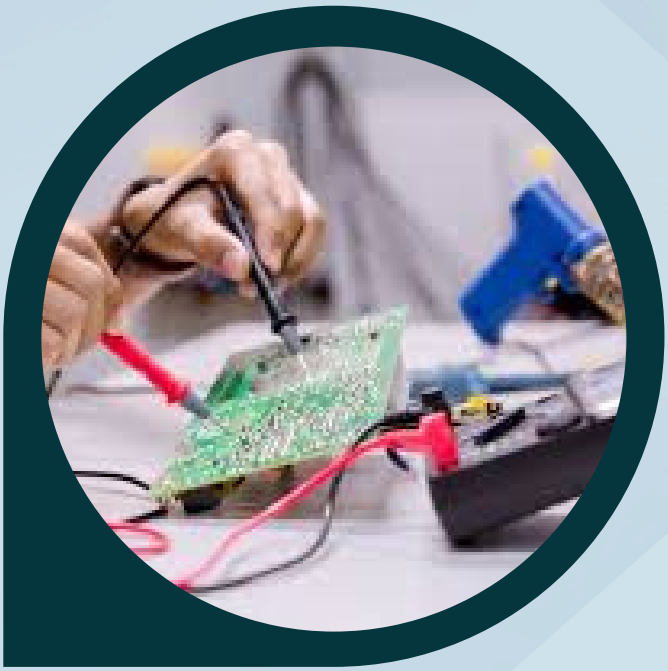
VISION

Our vision is to establish a 'Center of Excellence' in the discipline of Electrical Engineering by providing students with the highest quality education that is currently available and to become a provider of cutting-edge technology for generating outstanding engineers in this field.

Mission

The Mission of the department is

1. To empower or strengthen academic infrastructure of the students to quality professionals through modern technology in the field of Electrical Engineering.
2. To impart technical education with industry and society for developing competent Electrical Engineer.
3. To create a passion for learning and promote innovation.



Programs Offered

1. B.Tech in EE (4 years)
2. B.Tech in EE – Lateral entry (3 years)
3. PhD. in EE

Laboratories

Basic Electrical & Electronics Engineering Lab
·Network Theory Lab
·Electrical Machines Lab
·Control Systems Lab
·Electrical & Electronics Measurements Lab
·Power Electronics Lab
·Power Systems Lab
·Switchgear and Protection Lab

WORKSHOPS

1. A one day workshop on “Career Counseling Guidance” Taken by Mr. Sanjoy Chottoraj (Placement of IUT Career Development Centre) on 02nd April, 2025

The primary objective of this initiative is to foster academic and professional growth among students by nurturing their research skills and enhancing their ability to present scholarly papers at various workshops and conferences. It also aims to create awareness about the wide range of career opportunities available across different fields, enabling students to make informed decisions about their future. Through systematic guidance and interaction, students will be encouraged to identify their individual strengths and weaknesses, helping them understand their potential areas of improvement and excellence.

2. A 3 days workshop on "Control & Protection of Power Plant auxiliaries, Switchyard Equipment, Along with Operation & Maintenance" Taken by Mr. M K Nath, Prof. of Practice, from 11th -13th August, 2025

The primary objective of the workshop is to provide participants with comprehensive knowledge and practical exposure to various power generation systems and their associated technologies. The workshop aims to develop a clear understanding of Thermal (Gas-based) Power Plants by introducing the fundamental operating principles and design aspects of Gas Turbines (GT), along with detailed insights into major components, auxiliaries, lubrication systems, trip oil and hydraulic systems, and the instrumentation, control, and protection systems involved in GT operations. It also focuses on operation and maintenance practices, operating limits, reliability improvement techniques, and the functioning of AC and DC power supply systems such as MCC panels and DCDB. Through troubleshooting sessions, case studies, and interactive discussions, the workshop seeks to enhance participants’ analytical and problem-solving skills.

WORKSHOPS

3. A 2days workshop on "Career Opportunities and Industrial applications in Electrical Engineering" taken by Dr. Manish Paul, Dr. Shantanu Acharya, Dr. Rita Banik, Dr. Aditya S. Sengupta from 27th to 28th June 2024.

The primary objective of this initiative is to foster academic and professional growth among students by nurturing their research skills and enhancing their ability to present scholarly papers at various workshops and conferences. It also aims to create awareness about the wide range of career opportunities available across different fields, enabling students to make informed decisions about their future. Through systematic guidance and interaction, students will be encouraged to identify their individual strengths and weaknesses, helping them understand their potential areas of improvement and excellence.

The objective of this session is to provide participants with a clear and comprehensive understanding of career opportunities in the government and Public Sector Undertaking (PSU) sectors, particularly focusing on recruitment processes and placement prospects. It also aims to guide students on the effective preparation strategies for GATE and other competitive examinations, including understanding the exam pattern, syllabus, time management techniques, and recommended study approaches.

4. one day workshop on "Real World application and Career prospects in EE" taken by Dr. Manish Paul, Dr. Aditya S. Sengupta on 14th November 2024

The objective of this session is to provide participants with a clear and comprehensive understanding of career opportunities in the government and Public Sector Undertaking (PSU) sectors, particularly focusing on recruitment processes and placement prospects. It also aims to guide students on the effective preparation strategies for GATE and other competitive examinations, including understanding the exam pattern, syllabus, time management techniques, and recommended study approaches.
Additionally, the session seeks to impart foundational knowledge of Arduino and various microcontrollers commonly used in academic and industry-based projects, enabling students to enhance their practical skills and apply embedded system concepts in real-world applications.

WORKSHOPS

Additionally, the session seeks to impart foundational knowledge of Arduino and various microcontrollers commonly used in academic and industry-based projects, enabling students to enhance their practical skills and apply embedded system concepts in real-world applications. Overall, the program is designed to strengthen both career awareness and technical competence among participants.

5. A 5 days hands on workshop on "Internet of Things and its Applications" taken by Mr. Kumar Amitabh, (Sr. Technical Officer), Mr. Raktim Acharjee, (Asst. Prof), NIELIT Agartala from 22nd to 26th April 2024

The objective of this program is to provide participants with a comprehensive understanding of Embedded Systems and the Internet of Things (IoT), focusing on both theoretical concepts and practical implementation. It aims to build foundational knowledge of IoT hardware components and sensors, along with an introduction to various IoT communication protocols through hands-on hardware interfacing sessions.

Participants will gain practical exposure to Arduino and an overview of ESP-32, including real-time interfacing of different sensors to understand system integration and data acquisition. Furthermore, the program seeks to familiarize students with IoT cloud platforms and their applications, such as BlynkIoT, Adafruit IO, and Thing Speak, while also exploring current industry applications and emerging future trends in IoT technology. Overall, the initiative is designed to strengthen technical skills, promote innovation, and enhance practical competency in the rapidly evolving field of Embedded Systems and IoT.

WORKSHOPS

6. A one day workshop on "Skill Development" taken by Sudip Bhattacharjee (Dean, Placement of IUT Career Development Centre) on 14th June, 2022

The objective of this initiative is to systematically identify the skill gaps among students and help them recognize areas that require improvement for academic and professional growth. It aims to inculcate the ability to plan and execute tasks effectively, thereby strengthening organizational, decision-making, and implementation skills.

The program also seeks to create awareness about diverse career opportunities available across various fields, enabling students to make informed and confident career choices.

By guiding students to assess their individual strengths and weaknesses, it encourages self-analysis and continuous development. Ultimately, the initiative strives to enhance productivity, improve overall output, and promote efficient time management, ensuring better performance in both academic and professional pursuits.

7. A one day workshop on The industrial automation using PLC, SCADA & Drives held on 13th February,2018

The Department of Electrical and Electronics Engineering, ICFAI University Tripura organized a one day workshop on "The Industrial Automation Using PLC, SCADA & Drives" on 13th February 2018 in Technical Collaboration with The "Academy Industrial Automation and Technology", Kolkata.

There were Twenty Seven (27) student participants from the 3rd and 4th Year of the department. The main objective of the workshop was to familiarization of the various modern automated industry technologies based on the application of PLC, SCADA and Electrical Drives with the students who had completed the various courses at UG level on Control Systems, Power Electronics, Electrical Machines and Power Systems.

GUEST LECTURES

1. A Guest Lecture on "Magnetic circuit calculation for design of rotating machines"

TA Guest Lecture on "Magnetic circuit calculation for design of rotating machines" was organized by the Department of Electrical Engineering, The ICFAI University Tripura held on 8th September, 2025 . The speaker of this Guest Lecture was Dr. Tirtharaj Sen, Principal, Women's Polytecnic, Hapania, Agartala.

The session commenced with the felicitation of the guest, Dr. Tirtharaj Sen, Principal, Women's Polytechnic, by Dr. Rita Banik, Head of the Department, Electrical Engineering, ICFAI University Tripura

The core of the program featured a two-hour technical session conducted by the guest speaker, Dr. Sen, on the topic "Magnetic Circuit Calculation for Design of Rotating Machines." The lecture covered the fundamental principles, practical approaches, and design considerations involved in magnetic circuit calculations, providing participants with deeper insights into their application in rotating machine design.

Objective:

1. Understand the role of magnetic circuits in the design and operation of rotating electrical machines.
2. Analyze flux distribution in different parts of the machine, such as stator core, rotor core, yoke, and air gap.
3. Apply the analogy between electrical and magnetic circuits (Ohm's law vs. Hopkinson's law) for machine design.
4. Calculate magnetomotive force (MMF) requirements for efficient flux establishment in the magnetic path.
5. Determine reluctance of various machine parts and optimize the core geometry for minimum losses.
6. Assess the impact of magnetic saturation on the performance and efficiency of rotating machines.
7. Estimate core dimensions (stator teeth, yoke, rotor slots, air gap, etc.) based on magnetic circuit principles.
8. Optimize material selection (e.g., laminated steel) to reduce hysteresis and eddy current losses.
9. Provide a foundation for advanced design studies, including torque calculation, efficiency analysis, and thermal performance.
10. Ensure practical feasibility and cost-effectiveness of machine design through accurate magnetic circuit evaluation.

GUEST LECTURES

2. A Guest Lecture on "Gas Pipeline Integrity Management & Corrosion Control"

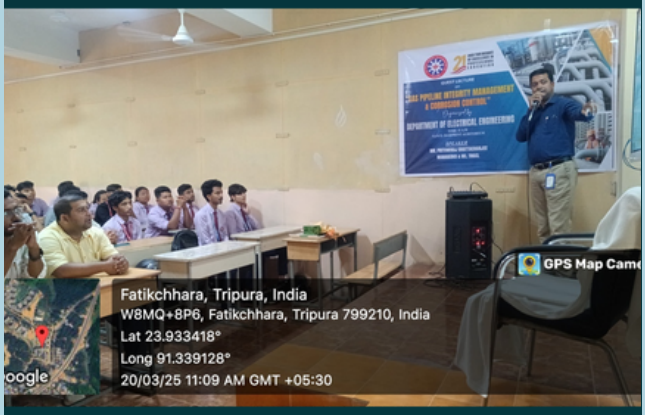
A Guest Lecture on "Gas Pipeline Integrity Management & Corrosion Control" was organized by the Department of Electrical Engineering, The ICFAI University Tripura held on 20th March, 2025.

The speaker of this Guest Lecture was Mr. Prithwiraj Bhattacharjee, Manager (O & M), TNGCL. He is the Manager of Operation and Maintenance (O & M), TNGCL.He primarily oversees the Operation and Maintenance (O&M) of the company's infrastructure, including managing the O&M of CNG Compressors. He also plays a key role in the Meter Reading and Billing for all PNG (Piped Natural Gas) consumers, ensuring efficient and accurate service delivery.

The session commenced with the felicitation of the guest, Mr. Prithwiraj Bhattacharjee, Manager (O & M), TNGCL by Dr. Rita Banik, Head of the Department, Electrical Engineering, ICFAI University Tripura.

The guest lecture was organized to provide students with practical knowledge about the operations and services of the gas distribution company, TNGCL. One of the primary objectives was to understand the different types of consumers catered to by the organization. The speaker explained how gas is supplied to domestic, commercial, and industrial consumers, each having different demand patterns, pressure requirements, and safety standards.

This helped us understand how gas distribution networks are planned and managed efficiently to serve a wide range of users.



The lecture also focused on different testing and inspection methods used to detect corrosion in pipelines. The speaker discussed several monitoring techniques and non-destructive testing methods that help identify early signs of damage without interrupting pipeline operations. Understanding these testing procedures gave us insight into how companies maintain pipeline integrity and prevent potential failures.

Finally, the session covered the importance of monitoring pressure differences at various points in the gas pipeline system, typically measured in bars. The speaker explained how maintaining appropriate pressure levels is essential for safe and efficient gas distribution.

3. A Guest Lecture on "Control & Instrumentation on Natural Gas Industry/City Gas Distribution"

GUEST LECTURES

A Guest Lecture on "Control & Instrumentation on Natural Gas Industry/City Gas Distribution" was organized by the Department of Electrical Engineering, The ICFAI University Tripura held on 17th March, 2022.

The speaker of this Guest Lecture was Mr. Sourav Pramanick, B.Tech (EIE, RCCIIT, Kolkata). Currently working in TRIPURA NATURAL GAS CO. LTD since 2019 as Engineer- Instrumentation cum officer of O&M. He worked at ECIL(Electronics Corporation of India Ltd) Department of Atomic Energy A Govt. of India Enterprisendia Ltd.

The primary objective of the session was to gain a clear understanding of the generation of high voltages and high currents used in power systems and testing laboratories. High voltages are essential for transmission, insulation testing, and research purposes, while high currents are required for studying equipment performance under fault conditions. The session provided insight into the practical methods and equipment used for generating such extreme electrical conditions safely and efficiently.

The session also aimed to provide knowledge about solid, liquid, and gaseous dielectrics. Dielectric materials play a vital role in insulating electrical equipment and preventing breakdown. We learned about the properties, advantages, and applications of different insulating materials such as solid insulators, transformer oils, and insulating gases.

Finally, the discussion covered transient voltages and their propagation characteristics. Transient voltages, often caused by switching operations or lightning strikes, can significantly impact power systems. We learned how these transient waves travel through transmission lines and equipment, and how protective measures are implemented to minimize damage. This topic provided valuable insight into system protection and stability in high voltage engineering.

4. A Guest Lecture on "Control & Instrumentation on Natural Gas Industry/City Gas Distribution"

A Guest Lecture on "Power Electronics -Past, Present and Future Perspective" was organized by the Department of Electrical Engineering, The ICFAI University Tripura held on 25th March, 2022.

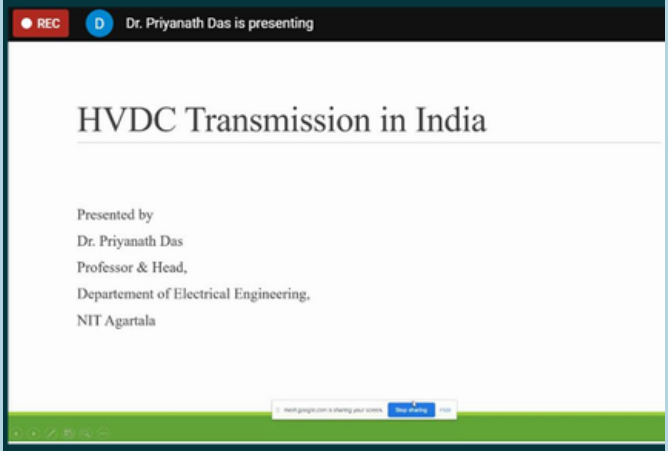
The speaker of this Guest Lecture was Dr. Bikram Das, BE (TU), ME (NIT, Agartala), Ph.D (Jadavpur University). Currently working in NIT Agartala since March 2006. He is member of Professional Bodies like Member, IEEE; Member, IEEE, Industrial Electronics Society; Member, IEEE, Power Electronics Society; Member, IEEE Young Professionals;

The primary objective of the session was to familiarize students with the fundamentals of power electronics and its key features. Power electronics plays a crucial role in modern electrical and electronic systems by enabling efficient control and conversion of electrical power. The session introduced the basic concepts, characteristics, and applications of power electronic devices, helping students understand their significance in industrial, commercial, and renewable energy systems.

WEBINARS

1. “Webinar on High Voltage Engineering” by Prof. Priyanath Das.

A Webiner on " High Voltage Engineering " was organized by the Department of Electrical & Electronics Engineering, The ICFAI University Tripura held on 7th May, 2021 . The speaker of this Webiner was Dr. Priyanath Das, BE (TU), ME (Bengal Engg. College, Shibpur), Ph.D (Jadavpur University).Currently working in NIT Agartala since 1996. He is member of Professional Bodies like Member of Indian Society for Technical Education (ISTE), Fellow of Institution of Engineers (India) (IEI), Life Member of FOSET, Life Member of The Indian Institute for Technical Education.



Objective:

Ø To get a fair knowledge about the generation of high voltages and currents.

Ø Understand the generation and measurement of high voltages and currents.

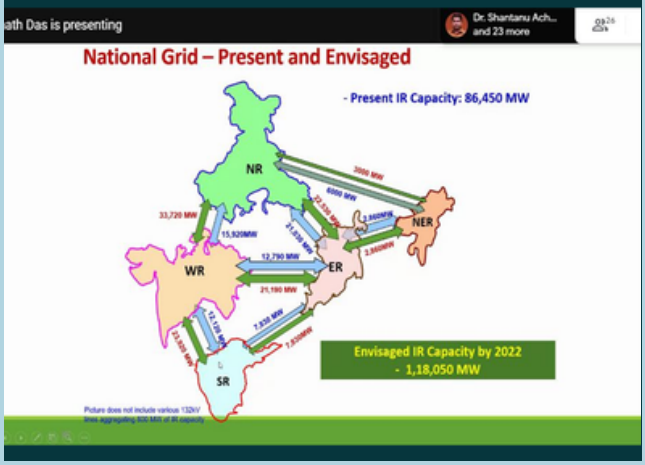
Ø Understand the concept of solid, liquid and gaseous dielectrics.

Ø Gain knowledge in testing of high voltage equipments.

Ø To discuss transient voltages and their propagation characteristics.

Participants gathered knowledge on:

- Describe the principles behind generating high DC-, AC- and impulse voltages.
- Develop equivalent circuit models of the different high voltage generators.
- Perform a dynamic response analysis of high voltage measurement systems.
- Compute the breakdown strength of gas-filled insulation systems with simple geometries.
- Approximately judge the breakdown strength of contaminated liquids and solids.
- Describe the principles for measurement of capacitance and dielectric loss.
- Discuss ageing of electrical insulation from measurements of complex permittivity.
- Compute the complex permittivity from the dielectric response function and vice versa.

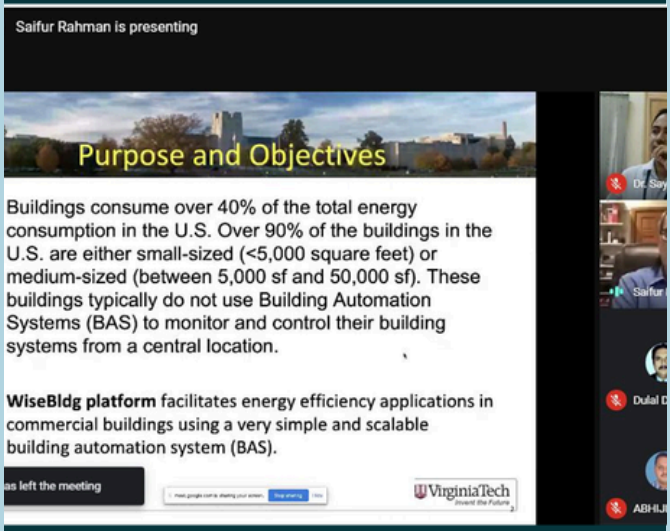


WEBINARS

"2. A Webinar on International Webinar on Energy Efficiency in Smart Buildings through IoT Sensor Integration" by Prof. Saifur Rahman

Link for the Webinar: https://meet.google.com/qpe-tkgc-zxo

A Webiner on " International Webinar on Energy Efficiency in Smart Buildings through IoT Sensor Integration " was organized by the Department of Electrical & Electronics Engineering, The ICFAI University Tripura held on 17th August, 2020 . The speaker of this Webiner was Professor Saifur Rahman is the founding director of the Advanced Research Institute at Virginia Tech, USA where he is the Joseph R. Loring professor of electrical and computer engineering. He also directs the Center for Energy and the Global Environment. He is a Life Fellow of the IEEE and an IEEE Millennium Medal winner.

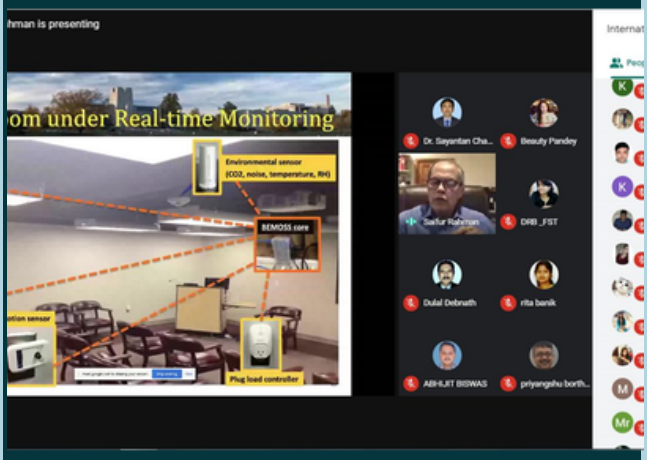


Objective:

- To discuss on IoT (Internet of Things)based applications in changing the ordinary buildings into energy efficient smart buildings.
- To discuss on how advanced ICT (Information and Communication Technology) applications in commercial buildings, schools, libraries, shopping centers, etc. offer low cost but highly effective monitoring and control opportunities.

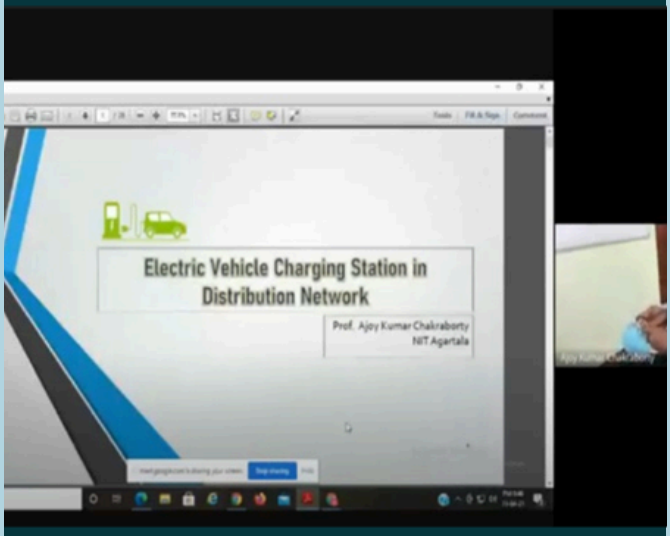
Participants gathered knowledge on:

- How Internet of Things (IoT) deployments offer a much higher value proposition if these can function in the context of smart buildings.
- How advanced information and communication technology (ICT) applications in commercial buildings, schools, libraries, shopping centers, etc. offer low cost but highly effective monitoring and control opportunities.
- How sensors deployed in key locations can monitor the building environment in real-time, collect information for intelligent decision making, and facilitate various services.
- How an IoT sensor platform provides a unified communication platform which can integrate information from disparate sources and provide one control hierarchy.
- How that can be a powerful, low-cost, open-architecture software platform that can monitor and control major electrical loads (e.g., HVAC, lighting and plug loads), as well as solar PV systems, energy.

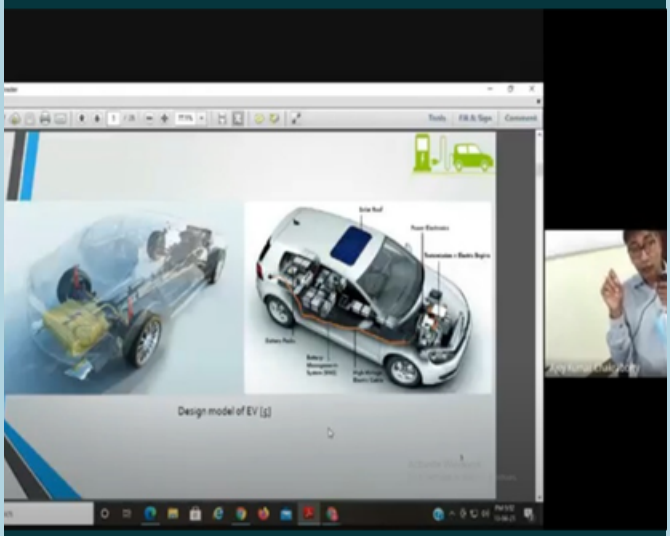


WEBINARS

3. “A Webinar on Electric Vehicles” by Prof. Ajoy Kumar Chakraborty.

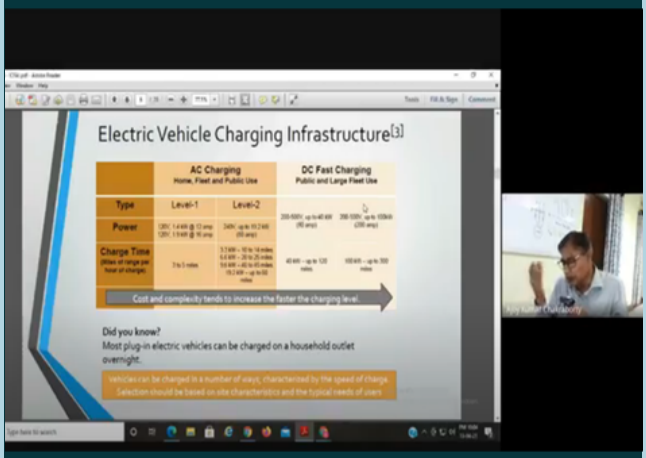


A Webiner on "Electric Vehicles "was organized by the Department of Electrical & Electronics Engineering, The ICFAI University Tripura held on 13th April, 2021 . The speaker of this Webiner was Prof. A. K. Chakraborty received a B.E.E (Electrical Engineering) from Jadavpur University (JU), Kolkata, a M.Tech (Power System) from Indian Institute of Technology (IIT), Kharagpur, Ph.D. (Electrical Engineering) from Jadavpur University (JU), Kolkata. He has guided so many students in their Ph. D. He has a total experience of more than25 years in research and teaching. Now he is working as a Professor in the Department of Electrical Engineering of NIT Agartala since 2011.



Objective:

- To study the perceptions and expectations of potential, for alternate technologies in automobiles, such as Electric/Hybrid Vehicles.
- To study the willingness of buyers of considering Electric/Hybrid Vehicles as a practical commuting option.
- To study the Government initiatives taken for promoting Electric/Hybrid Vehicles and subsidies provided on Electric Vehicles batteries.
- To study the current threats, that is causing slow growth of Electric/Hybrid Vehicles
- To discuss on how EV’s can be the future of Indian auto industry by citing its advantages and the challenges.



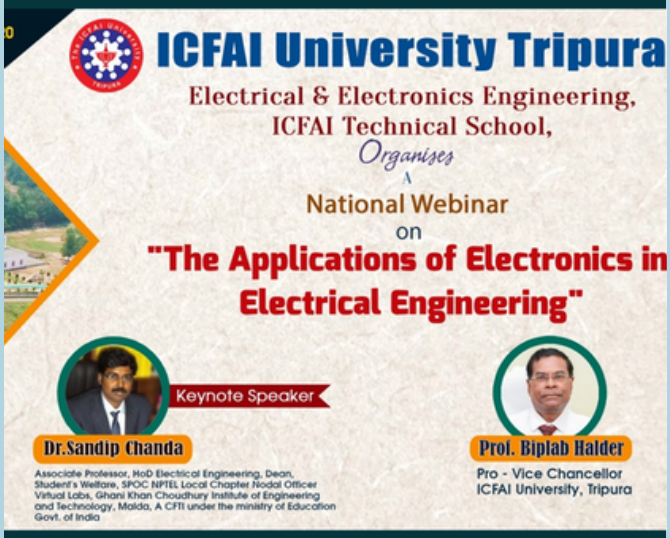
Participants gathered knowledge on:

- How many countries have included EVs as an element of transportation policy, their responses varied according to their stage of economic development, energy resource endowments, technological capabilities, and political prioritization of responses to climate change.
- How India have adopted an EV policy, and have a unique mobility pattern which other countries do not share.
- How reducing the number of batteries that an electric vehicle needs and making batteries cheaper on a per kilowatt-hour basis.
- How to facilitate customer adoption of electric and clean energy vehicles.
- How to encourage cutting edge technology in India through adoption, adaptation, and research and development.

WEBINARS

4. A National Webinar on “Applications of Electronics in Electrical Engineering”

A Webiner on " Applications of Electronics in Electrical Engineering " was organized by the Department of Electrical & Electronics Engineering, The ICFAI University Tripura held on 15th December, 2020 . The speaker of this Webiner was Dr. Sandip Chanda, Associate Professor, HoD Electrical Engineering Dean, Student's Welfare SPOC NPTEL Local Chapter Nodal Officer Virtual LabsGhani Khan Choudhury Institute of Engineering and Technology, Malda A CFTI under the ministry of Education Govt. of India.



Objective:

- To provide participants with a comprehensive understanding of the role of electronics in modern electrical engineering systems.
- To explore practical applications of electronic devices and circuits in power systems, control systems, and industrial automation.
- To highlight recent advancements in power electronics, embedded systems, and smart grid technologies.
- To bridge the gap between theoretical concepts and real-world implementation in electrical engineering applications.
- To encourage knowledge sharing, innovation, and interdisciplinary collaboration among students, researchers, and professionals.

In his Keynote Speech, Dr. Sandip Chanda presented the need for learning Electronics for Electrical Engineering students explaining application of electronics in various fields of modern technologies. Especially the Power Electronics based domains for Electrical engineers. He also explained the revolutionary developments of smart technologies in the power sectors. The session was fully interactive, in which the participants interacted with the speaker quite appreciably.

The program concluded with the Vote of Thanks by Dr. Sayantan Chakraborty, HoD, EEE, IUT. He thanked Dr. Chanda for his lecture and all the distinguished guests, organizers and the IT Cell of IUT for their contributions.

EXCURSIONS

1. **One Day Excursion to ONGC Tripura Power Company, Palatana, Tripura on 17th December 2024**

The OTPC officials conducted a highly informative session for the students. They motivated the students to carefully select their domain and area of interest and informed them of the scope of areas to go for internship and apply for job in OTPC.The industrial excursion was organized with the primary objective of gaining comprehensive knowledge about the operation of a combined power generation system with a total capacity of 726.6 MW.

The visit aimed to provide students with practical exposure to the functioning and operational mechanisms of a gas-based power plant, thereby enhancing their understanding of power generation processes and associated technologies. Additionally, the excursion was intended to familiarize participants with the concept and methodology of power transmission to various states, offering insight into the distribution network and grid management systems.

Furthermore, the visit facilitated learning in the areas of civil construction and infrastructural beautification, enabling students to observe the structural design, layout planning, and aesthetic development of an industrial facility.

EXCURSIONS

2. **One Day Excursion to Integrated Command and Control Centre, Smart City Agartala, Howrah riverside project, Science City visit on 28th December 2023**

The industrial excursion was conducted with the objective of acquiring comprehensive knowledge about the functioning and operational framework of a Smart City. The visit provided valuable insights into the application and management of traffic signal systems, including the use of surveillance cameras and automated traffic lights for efficient urban mobility and safety regulation.

It also enabled participants to understand the concept and functioning of the Integrated Command and Control Centre, along with its coordination and collaboration with the Agartala Municipal Corporation (AMC) facility for effective city administration and service delivery.

Furthermore, the excursion offered an opportunity to gain knowledge about civil construction and beautification works undertaken along the Howrah riverfront, highlighting sustainable urban development practices. The visit also aimed to enhance understanding of the future planning strategies and execution processes associated with the Smart City initiative in Agartala. In addition, participants were exposed to various scientific experiments and interactive learning modules at the Science City, thereby enriching their practical understanding of applied science and technology.

INDUSTRIAL VISIT

1. One Day Industrial Visit to MBB Airport , Agartala on 20th April 2023

An industrial visit was conducted to gain hands-on knowledge and practical exposure to the various systems and operations at an airport, specifically focusing on the power house, electrical systems, and air traffic control. This visit provided an opportunity to explore and understand the intricacies of high-voltage equipment testing, power distribution, and radar systems used in air traffic management.

The objectives of the visit were outlined as follows:

- The visit provided an in-depth understanding of the airport's power house, which is responsible for supplying uninterrupted power to various systems within the airport. It was essential to explore the working mechanism, key components, and operation of the power house, including the role of backup generators and transformers in ensuring a stable power supply.

We were introduced to the concept of incoming and outgoing feeders, which are crucial for the distribution of electrical power. The visit helped clarify how power is received from external sources and distributed to various parts of the airport. Emphasis was laid on the safety protocols in place to prevent overloads and maintain a constant power supply.

Conclusion

- This industrial visit significantly enhanced our understanding of the complex systems that ensure the smooth functioning of an airport. From the power distribution network to the sophisticated radar and air traffic control systems, the exposure gained from this visit was invaluable for those looking to pursue careers in electrical engineering, aviation, or related fields. The knowledge and insights gained during this visit will be beneficial in our academic studies and future professional endeavors.

INDUSTRIAL VISIT

2. **One Day Industrial Visit To Neepco Agartala On 29 December 2021**

An Industrial Visit to "NEEPCO", Bodhjungnagar, Agartala was Organized by the Department of Electrical and Electronics Engineering of ICFAI university Tripura, Agartala on 29 December 2021. Thirty seven (37) students were accompanied by two (2) faculty members and a staff of EEE Department. The visit aimed to understand the technologies used in Substation / Power station for Generating Electric Power.

The General Manager of NEEPCO conducted a highly informative session for the students. He motivated the students to learn about. The natural gas is used as fuel for the gas turbines. The fuel gas is supplied by ONGC through the pipelines maintained by GAIL. Natural gascontains chemical energy which is burnt in the Gas Turbines and converted to mechanical energy. The gas turbines drive the Generators which convert the mechanical energy to electrical energy.

The exhaust gas after combustion in the gas turbines contains enough heat energy which is again used to heat water and produce high pressure steam in the Heat Recovery Steam Generator (HRSG) or Boiler. The high pressure steam is used to drive the Steam turbine which supplies mechanical power to the generator to produce more electrical energy without burning any additional fuel. Since gas turbines and steam turbines are combined together, this power plant is called power plant. At present there are 4 gas turbines of 2.1 MW each and 2 steam Turbines of 2.5 MW each.

INDUSTRIAL VISIT

3. One Day Industrial Visit To ONGC Tripura Power Company Limited (OTPC) On 10th December 2021

An Industrial visit to ONGC Tripura Power Company Limited (OTPC), Palatana, Udaipur, Tripura was organized by the Department of Electrical and Electronics Engineering of ICFAI University, Tripura on 10th December 2021. Sixty-one Students were accompanied by Two Faculty Members and a staff of ECE and EEE Department. The Visit aimed to understand the technologies used in industry to produce 726.6 MW thermal power.

Our Guide Mr. Naren Shil conducted a highly informative session for the students. He motivated the students to carefully select their domain and are a of interest an informed them about the scope of areas like thermal power stations etc. He described the varied aspects of OTPC limited in detail. He explained the first block (363.3 MW) of the power plant was declared under Commercial Operation from 4th January, 2014 and the second block (363.3 MW) of the two blocks was declared under Commercial Operation from 24th March 2015.

Being the disciples of Electrical And Electronics Engineering the students were taken to the Control Room of the OTPC from where the gases are released for the thermal power generation. The students analyzed the process of how the power is generated. The students were also taken to the areas of gas reservoirs and also to the water reservoir.

The Visit Concluded as we were explained the vision and mission of OTPC is enhancing generation capacity through an appropriately scaled up model with a diversified presence in both conventional and non-conventional technologies. Being responsible to the society by using eco-friendly technologies for generating power in an environmentally sustainable manner. Contributing to harnessing the immense potential for power generation in the North Eastern Region in India.

INDUSTRIAL VISIT

4. One Day Industrial Visit To Pran Beverages Pvt. Ltd.

An Industrial Visit to 'Pran Beverages (India) Pvt. Ltd', Bodhjungnagar, Agartala was organized by the Department of Electrical and Electronics Engineering of ICFAI University Tripura, Agartala on 1st November 2019. Thirty one students were accompanied by three faculty members and two staffs of ECE and EEE Department. The visit aimed to understand the technologies used in industry in the manufacturing of products.

The General Manager Mr. Sujon Krishna Roy, conducted a highly informative session for the students. He motivated the students to carefully select their domain and area of interest and informed them of the scope of areas like Automation, PLC & SCADA. He described the varied aspects of 'Pran varieties in detail

He informed that 'Pran Beverages (India) Pvt. Ltd' is the biggest Food processing in the Agartala till date. It is divided into four major blocks, namely, Beverages, Culinaries, Dairy, Frozen products Snacks, Confectionery, Biscuit and Bakery. Being the disciples of Electrical and Electronics Engineering the students were taken to the Automation Section where they witnessed the complete process from automatic processing to packaging of products like Chips and Bakery. There students analyzed process control and Industrial Automation environment.

Substation visit

The group also visited their 33kV Substation which transmits electricity supply in the plant. Conversion of 33kV to 11kV and from 11kV to 440V 3 phase for the operation of machines was briefed to the students.

Conclusion

The Visit concluded with Query Session wherein the students addressed various technical questions to the Technical Head regarding machines, SCADA, Programmable Logic Controller (PLC), Process Control, Temperature Control, Sensors and Automatic Control System installed in the plant.

INDUSTRIAL VISIT

5. One Day Industrial Visit to Rokhia Gas Thermal Power Station, Tripura on 17th March 2025

Understanding Power Generation and Transmission

One of the primary objectives of the visit was to gain knowledge about the process of power generation and its transmission to the airport facility. The technical team explained how electrical energy is generated at power stations and transmitted over long distances through high-voltage transmission lines. Emphasis was placed on the importance of efficient transmission systems to minimize power losses and ensure a reliable supply of electricity to critical airport operations. The role of substations in stepping up and stepping down voltage levels for safe and efficient distribution was also discussed in detail.

The functioning of these components in maintaining system stability and preventing faults was clearly explained. Safety measures followed in the switchyard were also highlighted to ensure secure operations.

Familiarization with the Switchyard

The visit provided an opportunity to observe the switchyard and understand its significance in the power distribution system. The switchyard plays a crucial role in controlling, protecting, and isolating electrical equipment. We were introduced to various components such as circuit breakers, isolators, bus bars, transformers, and lightning arresters.

The visit provided an opportunity to observe the switchyard and understand its significance in the power distribution system. The switchyard plays a crucial role in controlling, protecting, and isolating electrical equipment. We were introduced to various components such as circuit breakers, isolators, bus bars, transformers, and lightning arresters. The functioning of these components in maintaining system stability and preventing faults was clearly explained. Safety measures followed in the switchyard were also highlighted to ensure secure operations.

INDUSTRIAL VISIT

6. **One Day Industrial Visit to Smart City Agartala, College Tilla Road, 30th March 2022**

The primary objective of the industrial visit was to gain practical knowledge about the distribution of high voltages and currents in electrical power systems. Understanding how electrical energy is transmitted and distributed safely and efficiently from generating stations to consumers is essential for electrical engineering students. The visit provided exposure to real-time power distribution systems and helped bridge the gap between theoretical concepts and practical applications.

Another important objective was to understand the working and significance of the Ring Main Unit (RMU) in distribution lines. The Ring Main Unit plays a crucial role in ensuring continuous power supply and enhancing system reliability by providing alternative power paths in case of faults. Observing the RMU in operation helped us understand its components, protection mechanisms, and its role in maintaining uninterrupted service.

The visit also aimed to understand the concept of stepping down high voltage to suitable levels for domestic and commercial use. Electrical energy is transmitted at high voltages to reduce transmission losses and is later stepped down using transformers before reaching consumers. By studying the working of distribution transformers, we gained clarity on voltage regulation and safe power delivery to households.

Additionally, we aimed to gain knowledge about the testing of high-voltage equipment. Proper testing ensures the safety, reliability, and efficient functioning of electrical components such as transformers, circuit breakers, and insulators. The visit provided insights into various testing procedures and safety standards followed in the industry.

Another objective was to understand the service line connection provided to consumers. The service line is the final link between the distribution network and the consumer's premises. Learning about its installation, metering system, and safety measures enhanced our understanding of consumer-level power distribution.

Finally, the visit helped us gain knowledge about the laying of underground cables. Underground cabling is widely used in urban areas to improve safety, reliability, and aesthetics. We learned about the methods of cable laying, insulation techniques, protective measures, and maintenance practices involved in underground power distribution systems.

INDUSTRIAL VISIT

7. One Day Industrial Visit to 132/11kV Distribution Substation, 79 Tilla Road, Agartala on 5th April 2022

The primary objective of the industrial visit was to gain comprehensive knowledge about the electrical substation and its various components. A substation plays a vital role in the power system by regulating voltage levels and ensuring efficient transmission and distribution of electricity. During the visit, we observed important parts such as transformers, circuit breakers, busbars, isolators, relays, and protective devices. Understanding the function of each component helped us grasp how substations maintain stability, reliability, and safety in power supply systems.

Another important objective was to understand the concept of incoming and outgoing feeders in a substation. Incoming feeders carry electrical power from the generating station or transmission network into the substation, while outgoing feeders distribute power to different areas or loads. By studying their operation and arrangement, we learned how load management, fault isolation, and power flow control are carried out effectively within the distribution network.

The visit also aimed to provide knowledge about the testing of high voltage equipment. Testing procedures are essential to ensure the safety, efficiency, and durability of electrical equipment such as transformers, circuit breakers, and insulators. We gained insights into different testing methods and safety standards followed to prevent equipment failure and ensure uninterrupted power supply.Finally, the objective of the visit included understanding the overhaul and maintenance of electrical equipment. Regular maintenance and timely overhauling are necessary to enhance equipment lifespan and avoid unexpected breakdowns. We learned about preventive maintenance practices, inspection techniques, and safety precautions adopted in substations to ensure continuous and reliable operation.

TREE PLANTATION

1. **A Tree Plantation as "Extension Activity" Organized by Department of Electrical & Electronics Engineering (EEE), ICFAI University Tripura held on 27th July 2022**

Objective:

- The main objective of this programme is to upgrade and promote, protection, preservation and monitoring of environment in the university campus by following activities are as followed.
- To maintain to conduit atmosphere inside the campus.
- The target number of saplings that to be planted in the programmed was 20 inside the campus.

TREE PLANTATION

2. **Tree Plantation as "Extension Activity" Organized by Department of Electrical & Electronics Engineering (EEE), ICFAI University Tripura held on 5th June 2023**

Objective:

- The main objective of this programme is to upgrade and promote, protection, preservation and monitoring of environment in the university campus by following activities are as followed.
- To beautify the areas for scenic beauty.
- To reduce temperature and increase humidity.
- To help students understand the value of plants and trees
- To help nature and mother earth to get its natural beauty and components back.
- To inspire students for providing these services to society.

TECHNICAL TALK

Name: Satavisha Dutta and Manisha Debnath
Program: B. Tech 2nd year
Date: June 7, 2022
Topic: “Induction Motor”
Abstract:

- To discuss on working principle and construction of Induction motor.
- To discuss ontypes and winding design of stator are rotor.

Name: Rupan Das and Saikat Deb
Program: B. Tech 2nd year
Date: June 14, 2022
Topic: “Digital Textbook”
Abstract:

- To discuss on E-books and its advantages.
- To understand the difference between digital and printed textbooks.
- To discuss its impact on current generation and their education.

TECHNICAL TALK

Name: Narayan Sarkar and Pritam Das
Program: B. Tech 3rd year
Date: June 14, 2022
Topic: “Electrical Insulators”
Abstract:

- To discuss on insulators and its importance.
- To understand the difference between various types of insulators.
- To know the application of insulators

Name: Soniya Rudrapal
Program: B. Tech 3rd year
Date: June 07, 2022
Topic: “Foot step Power Generation”
Abstract:

- To discuss on conventional and non conventional energy sources.
- To discuss onPiezoelectric sensor.

STUDENTS ACHIEVEMENTS

Achievement	Title	Level	Year	Status
Participated in idea competition for Entrepreneurship	Solar Thermal Cooking System	National	2022	MECS Entrepreneurship Development
New Generation Innovation Network (NGIN) project – A	Low-cost solar-PV powered wireless	State	2022	Selected for financial support
Participated in TECHgium (Hackathon)	Low cost eccentric energy storing	National	2021	Participation
Published Book Chapter in Intelligent Computing and Communication Systems [part	Wireless Lighting System for Rural Households in India	International	2021	Published
Participated in INNOTHON (Hackathon)	Wireless Lighting System for Rural	National	2021	Selected for second round
Participated in INDiNNOVATE (Hackathon)	Wireless Lighting System for Rural	National	2021	Selected for second round
Published paper in Peer reviewed international journal "International Journal of	Analysis of energy consumption, emission and saving	International	2020	Published
Presented paper in 1st International Conference on Cutting-edge Technologies in	Wireless Lighting System for Rural Households in India	International	2020	Presented
3rd Student Project Programme organized by Tripura State Council for	Hybrid stand-alone power generating system along with	State	2020	Attained 1st position
3rd Student Project Programme organized by Tripura State Council for	Wireless power transmission	State	2020	Attained 2nd position
Smart India Hackathon (SIH) 2019, Hardware Edition	Prevention of industrial polluted	National	2019	Finalist
IEI- Model competition organized by The Institute of	Power generation from moving vehicle	State	2019	Appreciated for best idea
IEI- Model competition organized by The Institute of	Ultra-low wind vertical axis wind	State	2018	Attained 2nd position.
IEI- Model competition organized by The Institute of	Thermo-electric cooler	State	2017	Attained 2nd position.
2nd Student Project Programme organized by Tripura State Council for	Stirling engine based solar-thermal power generation	State	2017	Appreciated for best idea.
IEI- Model competition organized by The Institute of	Harvesting foot-step energy for electricity	State	2017	Consolation prize
IEI- Model competition organized by The Institute of	D'Sign	State	2016	Attained 3rd position.

PLACEMENT 2025-26

ANTARIP DEB

Nilasu Consultancy Ltd. and Bleep Education

ANI JAMATIA

LearnNex Limited

SUBHRADEEP BHOWMIK

LearnNex Limited

RUBEN DEBBARMA

Coincent

ROSHNI DEBNATH

Coincent

PLACEMENT 2025-26

DHANANJIT TRIPURA

Coincent

PIYALI DEBNATH

Coincent

OMKAR DAS

Coincent and Nilasu Consulting Pvt Ltd

AJOY DEBNATH

Teknoconstant Energy Pvt. Ltd.

PLACEMENT 2024-25

Sl. No.	Name	Company
1	Arup Debnath	ORC Executive
2		Learnex
3	Sagar Miah	Merchant Navy
4		Learnex
5		Yhills
6		Acmegrade Pvt. Ltd.
7	Mayuri Chowdhury	Capagenius
8	Datamoni Jamatia	ORC Executive
9	Rohen Debbarma	CRPF
10	Sanju Debbarma	Goldi Solar
11	Shibam Chakraborty	TPSC
12	Mitan Sarkar	Dept. of Agriculture and Farmers Welfare

PLACEMENT 2023-24

Sl. No.	Name	Company
1	Mustafijur Rahaman	INMOVIDU
		Satya Micro Capital Ltd.
2	Satavisha Dutta	LearnNex
3	Santanu Majumder	Satya Micro Capital Ltd.
4	Rupan Das	Satya Micro Capital Ltd.
5	Dwiptanu Saha	ORC Engineering Pvt. Ltd

ALUMNI TALK

ANYESHA ROY

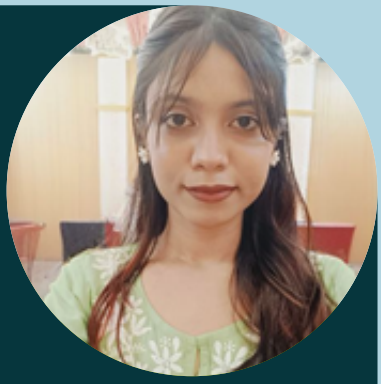
I'm Anyesha Roy [B. Tech (EEE), Batch: 2020-23]. Just like any other engineering aspirant, it was my dream to study in a college that will not only give in depth knowledge but also provide a solid platform on which we can build our career. ICFAI UNIVERSITY with its apt course curriculum and dedicated faculty & fine infrastructure, works in the right direction.

During my three years of engineering, I had the opportunity to build a strong technical foundation and actively participate in academic and practical projects that enhanced my problem-solving and analytical skills. Through campus placement, I was selected by InMovidu Technologies, where I gained hands-on experience in a professional work environment. Currently, I am serving as a Technical Officer at Tripura State Electricity Corporation Limited, where I am involved in technical operations, system maintenance, and supporting the efficient functioning of power infrastructure. This journey from campus to industry has been both enriching and transformative, allowing me to apply my engineering knowledge to real-world challenges and contribute meaningfully to the power sector.

So, no doubt that ICFAI is very enthusiastic and beneficial to the career path making of its students.

ALUMNI TALK

SONIYA RUDRA PAUL



I'm Soniya Rudra Paul B.Tech EEE, Batch: 2020-23. To built a success-full life we have to choose a good college/University which can give us knowledge and a great platform to built our career. My dream was to study in a college which will give me a depth of knowledge about any subject and also provide me a great platform on which I can build my career. ICFAI University gives me knowledge, platform and many memorable moments with its apt course curriculum, dedicated faculty and fine infrastructure, Sports activities, Different functions, Different study related programs, etc.

Here aspirants can get depth knowledge about any subject. ICFAI UNIVERSITY TRIPURA gives me better internships and placement opportunities. During my engineering journey, I focused on strengthening my technical knowledge while actively engaging in practical learning experiences and projects. I was fortunate to secure campus placement at Feedback Energy Distribution Company, where I gained valuable corporate exposure and developed a deeper understanding of industry practices. At present, I am working as a Software Supporting Engineer, at ILOGITRON Technologies Private Limited. Transitioning from academic life to professional responsibilities has been a rewarding experience, enabling me to apply my skills effectively and grow both technically and professionally.

So, no doubt that ICFAI University is a very good option to choose for our career making.

ALUMNI TALK

TAMA SAHA

It's been a great journey of 4 years at ICFAI University Tripura. I take pride in being a B. Tech EEE student of the University. It has given me immense pleasure to get molded or guided by the class leading facilities. The University has always helped me to develop a positive attitude towards my studies and discover more about myself. The teaching and guidance here is just unparalleled as I was assisted by the great faculties at every single step of my time here. It has imparted a perfect blend of technical knowledge and soft skills in me. ICFAI gives you the perfect opportunity to outperform your abilities and out-shine every time.

The environment of ICFAI feels astonishing and a student needs nothing more than this. I have met a lot of people who have assisted me throughout my time at the University. The University also has a soothing persona to flourish your hobbies and passion. In these 3 years, I have gathered every knowledge I could and made my way through the end. Currently, I am serving as a Technical Officer at Tripura State Electricity Corporation Limited, where I contribute to technical supervision, system operations, and the maintenance of electrical infrastructure. The transition from student life to a responsible professional role has been both challenging and rewarding, allowing me to apply my engineering knowledge effectively while continuing to grow in the power sector.

The only thing I want to say is, "If you have a dream to fulfil, you need to have a guidance& ICFAI University Tripura provides you that."

ALUMNI TALK

PRITAM DAS

I am grateful for all the opportunities I received during my academic years at "THE ICFAI UNIVERSITY TRIPURA" . Every student received equal op-opportunities for participating and attending each and every programs organized by the university. Workshops and seminars were a major part of my 3-year journey. Really motivating and informative seminars were conducted throughout the academic sessions and many intellectual people came as a guest to enlighten us with their knowledge during the workshops and seminars.

Our beloved teachers always helped whenever anyone needed any guidance. Great placement opportunities were also provided to us. Currently, I am working as a Site Engineer at Deep Industries Limited, where I am responsible for overseeing on-site operations, ensuring project execution in accordance with technical specifications, and maintaining safety and quality standards.

Apart from that ,I had a lovely time at "ICFAI UNIVERSITY TRIPURA", made a lot of beautiful memories and friends whom I will always remember

PHOTO GALLERY

PHOTO GALLERY