

Network

Annual Newsletter

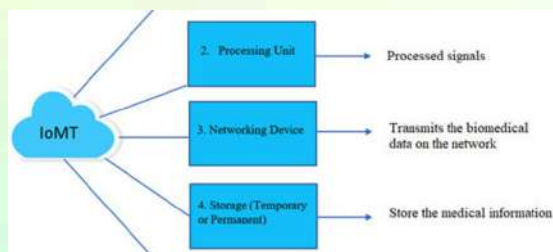
THE NEWS LETTER



Issue dedicated to: IOMT

INTERNET OF THINGS (IOT) AND INTERNET OF MEDICAL THINGS (IOMT):

IoT is also known as the Industrial Internet or the Internet of Everything. It is a new way of thinking about technology that involves a network of machines and devices that can work well together. IoT is growing in popularity for a number of reasons. Most people have access to broadband Internet, hardware costs have gone down, and a huge number of people use smartphones, wearables that can collect data, and other "smart" products. IoMT uses different networking technologies to connect the IT systems of healthcare by combining medical devices and applications. IoMT is quickly becoming a part of society, and a large number of healthcare organisations around the world are already using it. IoMT is a smart platform that uses smart sensors, smart devices, and new communication protocols to look at biomedical signals and figure out what's wrong with a patient without a lot of human help. The figure given below shows a brief overview of IoMT's architecture.



As we have seen in the recent pandemic situation, the number of COVID-19 patients were growing at an alarming rate. This kind of situations calls for an effective monitoring and surveillance system to help find patients. During these pandemic situations, IoT can play an important role in tracing contacts, finding clusters, and making sure that quarantine rules are followed. In crowded places, it is very important to find infected people, which is mostly done with infrared thermometers. But it doesn't seem to work very well. First, a thermometer might not be able to check on everyone in a crowd. Second, a health officer would have to check on a lot of people which requires a lot of man power and anyone of those present could be affected.

Department of Electrical Engineering:

Electrical engineering continues to transform the youth into finest world around, set the way of living from products through to sophisticated scientific, healthcare technologies. Our commitment to the society shall be upholding the world to its highest standard.

VISION OF THE DEPARTMENT (DV):

To impart technical knowledge, develop skills for research and innovation and prepare graduates with a great human value to meet the industry and societal needs.

DEPARTMENTAL MISSION (DM):

DM1-To impart quality engineering education with holistic development and to produce engineers, technologists, scientists and citizens who will contribute meaning fully to the growth and development for future generation of the country.

DM2-To promote interdisciplinary research work and opportunity to work in a team through collaborative research and project work to meet the future challenges for society.

DM3-To inculcate professional ethics focus on excellence in curricular, co-curricular and extracurricular activities and moral responsibility for a better society.

PROGRAM EDUCATIONAL OBJECTIVES (PEO)

To provides the necessary background in the field of Electrical Engineering to deal with engineering problems, to pursue higher education in various specialization of electrical engineering and to excel as engineering professional in industries.

- To develop the ability to apply the technical knowledge obtained to solve real life problems and to develop the skilful workforce to carry out the consultancy services o the various related industries.
- To develop a creative mindset towards innovation and entrepreneurship that serve to the need of the industry and society.
- To grow the quality like skill, team work ,leadership and professional ethics, thus contributing towards the growth and development of society.

Department at a glimpse, workshop, seminar and many more ...



HEART AND SOUL OF THE DEPARTMENT



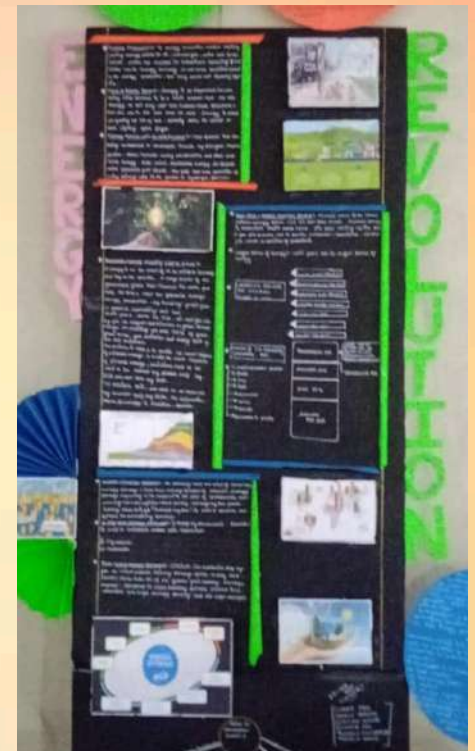
PROJECT PRESENTATION



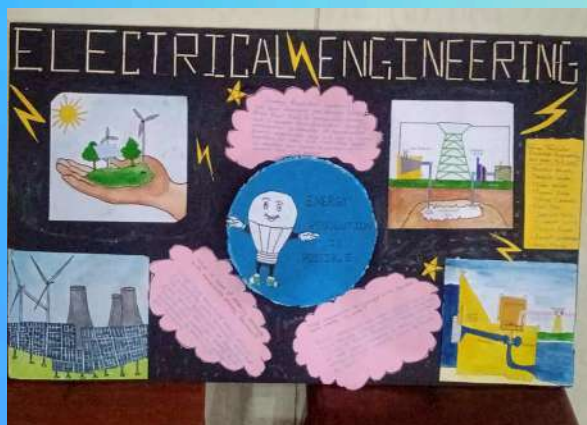
PLC & SCADA TRAINING



WORKSHOP ON BASIC COMPUTING SKILLS FOR CURRENT JOB MARKET



WALL-MAGAZINE COMPETITION



DEPARTMENTAL WALL-MAGAZINE



WORKSHOP OF SOLAR POWER

QUIZ?

1. Who is known as the first engineer of India?
2. Which animal is known as engineer?
3. The 1st national engineers day was celebrated in?
4. Which is the 1st IIT to be set up?
5. Engineering marvel, Chenab bridge is located in which state?
6. Who is the first electrical engineer?
7. Between whom the "war of current" was held?
8. What is the "Thunderers of the Nile"?



TEACHER'S DAY CELEBRATION



INTRA DEPARTMENTAL DEBATE COMPETITION



**INDUSTRIAL VISIT TO 765/400 KV JEERAT SUB STATION
KALYANI**



DIWALI CELEBRATION



DEPARTMENTAL EXHIBIT AT JISTECH



INDUSTRIAL VISIT TO SEN & SINGH ENGINEERS KOLKATA



SOCIAL SERVICE - MANABIK

ANSWERS::

1. Mokshagundam Visvesvaraya
2. Beavers
3. 15th September 1968
4. IIT Kharagpur
5. Jammu & Kashmir
6. Francis Ronalds
7. Nikola Tesla and Thomas Edison
8. Before electricity was a way of life, ancient Egyptians were aware that lightning and shocks from electric fish were very powerful.

DEPARTMENT OF ELECTRICAL ENGINEERING

SOME OF OUR STUDENTS PLACED IN THE YEAR 2021-2022

Congratulations!
Tania Debnath
Placed At
 **Cognizant**



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#Class of 2022

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Congratulations!
Subhajit Mondal
Placed At
 **SKH**



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Congratulations!
Aftab Khan
Multiple Offers
 
 



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Congratulations!
Sumit Bera
Placed At
 **SKH**



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Congratulations!
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Sayan Koley
Placed At
 **SKH**



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AND THE LIST CONTINUES....

SOME OF OUR RECRUITERS



BARRACKPORE - KALYANI EXPY, BLOCK AS, BLOCK A, KALYANI, WEST BENGAL 741235

CONTACT NO: 033 2580 8640