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QUARTERLY NEWSLETTER OF

SCHOOL OF ENGINEERING & TECHNOLOGY



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JUNE 2024 EDITION



DR. KARTHIK KOVURI

DEAN



"Milestone" the wall magazine of Civil Engineering is inaugurated on the 8th of May, 2024

Top News

- Poster presentation competition
- Wall Magazine
- Educational Visit to CSIR-NEIST Jorhat
- MOU with Bodoland Development Foundation to offer B.Voc Program in Electrical Systems & Maintenance and Automobile Technology Specializations



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APR2024-JUN2024

CIVIL ENGINEERING

APRIL - JUNE 2024



- On May 17, 2024, the Department hosted a successful poster presentation competition, led by Dr. Shwetambara Verma and Mr. Kamallesh Bhowmik. With 126 students in 19 groups, the event showcased innovative topics and enhanced students' communication, technical skills, and creativity. Faculty presence added prestige, fostering healthy competition and mutual learning.

On May 8, 2024, the Department of Civil Engineering at The Assam Kaziranga University released the wall magazine "MILESTONE," created by sixth-semester students. The launch, attended by faculty and students, was led by Registrar Dr. H. Ravishankar Kamath, Dean Prof. (Dr.) Karthik Kovuri, and Dr. Shwetambara Verma. The magazine covered infrastructure topics and notable civil engineers, proving educational and beneficial for all.



FEW

Glimpses



MECHANICAL ENGINEERING

APRIL - JUNE 2024



- The visit gave students practical insights into mechanical engineering through exposure to projects like supercapacitor development, PET bottle manufacturing, CNC technology, laser cutting, sustainable oil extraction, material testing, and caffeine extraction from tea waste. It bridged the gap between theory and real-world applications, inspiring innovative solutions.

- The department planned several upskilling programs for students. One such program was a lecture by industry personnel, titled "Lecture by Industry Personnel," scheduled for the last week of April. Mr. Subhas Sarma Neog delivered the lecture and it was open to all students.

RESEARCH ACTIVITIES

Intellectual Achievements

• COPYRIGHTS



DR. KARTHIK KOVURI

OutlierIQ: A Web Application For Detection of Anomalies in IoT Data Using Clustering Technique
Diary No: 16709/2024-CO/SW
Month of Published: May-24

• PATENTS



DR. RUPAM BHAGAWATI

"A SMART SYSTEM FOR POWER DISTRIBUTION WITH INTEGRATED PREDICTIVE MAINTENANCE AND FAULT DETECTION"; Patent No.: 202421032066 A; Publication Date: 24/05/2024; The Patent Office Journal No. 21/2024 Dated 24/05/2024.

"AN ADVANCED MATHEMATICS AND MACHINE LEARNING BASED METHOD FOR PROACTIVE CYBERSECURITY THREAT DETECTION AND MITIGATION"; Patent No.: 202431043457 A; Publication Date: 14/06/2024; The Patent Office Journal No. 24/2024 Dated 14/06/2024



DR. RISHABH DEV SHUKLA

Application No: 202421043458 A INDIA
Date of Filing: 05/06/2024
Publication Date: 05/07/2024
Title: A Hybrid and Integrated Renewable Energy System with Advanced Energy Management
The Patent Office Journal No.: 27/2024
Date: 05/07/2024
Page No: 58391

• BOOK CHAPTER



DR. ASHIM JYOTI

A book chapter entitled "Massive MIMO a Candidate Technology for 5G and Future Wireless Communication System" authored by Dr Ashim Jyoti Gogoi, HOD ECE has been accepted for inclusion in the Scopus indexed book "Innovation in MIMO Systems".

MOU Signed:



"MOU with Bodoland Development Foundation to offer B.Voc Program in Electrical Systems & Maintenance and Automobile Technology Specializations"

Students Achievements



- Cdt Biswajyoti Hazarika of B.Tech CSE 5th semester participated and won at the INTER DIRECTORATE SPORTS SHOOTING COMPETITION 2024 in Tiruchirappalli.
- Sagar Tamang of BCA 4th Sem and Riya Biswas of B.Tech CSE 2nd Sem participated and secured 3rd position at the Yuvamanthan MUN G20 hosted by Royal Global University.





SPECIAL ACTIVITIES

Few GLIMPSES

"SPORTS"

"FAREWELL"



"Goodbyes aren't forever"



"Champions never give up"