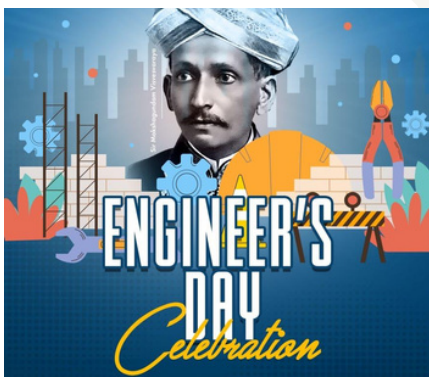


KUEngine

QUARTERLY NEWSLETTER OF

SCHOOL OF ENGINEERING & TECHNOLOGY



The School of Engineering and Technology celebrated Engineers' Day to honor Sir M. Visvesvaraya and highlight the role of engineering in society. Activities included an extempore speech competition on current engineering trends and a quiz competition, promoting teamwork and awarding prizes to winners.



Teacher's Day, celebrated on September 5th to honor educators' dedication and impact. Marking Dr. Sarvepalli Radhakrishnan's birth anniversary, it highlights teachers' role in shaping our future. The students expressed their gratitude through outstanding performances and felicitated the faculty & staff members.

Top News

- DEEKSHARAMBH -2024, an induction program for freshmen of B.Tech , M.Tech, BCA & MCA programs
- Tech Blitz 2024, a technological extravaganza exhibiting the technical projects in emerging areas.
- Engineer's Day celebration.
- Teacher's Day celebrations.
- Inauguration of IEEE student branch.



Few GLIMPSES

DEEKSHARAMBH-2024, a comprehensive Induction and Orientation Program was conducted from August 21 to August 28, 2024, for freshmen B.Tech, M.Tech, BCA, and MCA students. The program aimed to acclimate new students to the university's academic environment, culture, and support systems, fostering connections among peers and faculty. Coordinated by the Dean, Dr. Karthik Kovuri and Mrs. Mousoomi Bora, the event included various activities such as :

- Awareness session by University officials.
- Familiarization with Schools and Departments.
- Visit to various labs & Centres of Excellence.
- Awareness session on examinations, placements, NSS & NCC Activities.
- Literary Activities & Psychometric tests.
- Physical Activities including sports, yoga & self-defense.
- Lectures by eminent speakers from Industry & Academia.
- Interaction sessions with Alumni.
- Special awareness session on Drone Education.
- Cultural Activities &
- Feedback sessions.

It emphasized the university's ethos, rules, and career opportunities, culminating in a feedback session from the freshmen. Overall, it provided a well-rounded introduction to university life, fostering satisfaction and enthusiasm among participants.

Key Insights

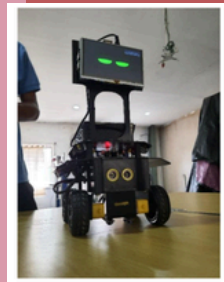
- The program aimed to facilitate a smooth transition for new students into the university environment.
- A diverse range of activities, including motivational talks and hands-on sessions, were designed to engage students fully.
- The involvement of university leadership and alumni emphasized the institution's commitment to student success and holistic development.
- The program not only focused on academic acclimatization but also on cultural integration and personal development.
- Feedback indicated high satisfaction levels, suggesting the program's effectiveness in preparing students for their academic journey.



Few

GLIMPSES

TechBlitz 2024, a technical extravaganza held on September 26th and 27th, hosted over 1200 science students and 80 faculty members from various colleges across Assam and Nagaland. This event showcased the future technologies in Engineering to Class 12 students, reflecting the university's commitment to readiness for Industry 5.0 education. Participants engaged in hands-on experiences and experiments in various labs and centres of Excellence. The Students of our school exhibited innovative projects on Artificial intelligence and Machine Learning, Robotics, Gesture Control Games, AI Image Recognition, AR/VR, Electric vehicles ,Drones, etc.





“SPECIAL ACTIVITIES

Engineers' Day

Teachers' Day

The School of Engineering and Technology celebrated Engineers' Day, honoring Sir M. Visvesvaraya and emphasizing the importance of engineers in the society.

Activities included an interactive session where students participated in an extempore speech competition on current engineering trends and a quiz competition that fostered teamwork and prizes had been awarded to the winners.



Teacher's Day is a special occasion to celebrate and honor the hard work and dedication of teachers who play a crucial role in shaping lives and future of students. Celebrated on September 5th in India, it marks the birth anniversary of Dr. Sarvepalli Radhakrishnan, a respected philosopher and former President of India. A perfect time to reflect on the impact teachers have on both our personal and academic growth, reminding us how their guidance and knowledge help us achieve our goals.

And the students of the SET outshined the celebration with their performance as a token of love to the faculties.



CSE Department

CE Department



ME Department



ECE Department



EE Department





COMPUTER SCIENCE & ENGINEERING



JULY - SEPTEMBER 2024

IEEE Student Branch:

- The Department of CSE has inaugurated the IEEE Student Branch on 8th August 2024.
- The announcement of Student Branch officers was declared in the inaugurated session.
- Student Branch of IEEE offers numerous educational, technical & professional networking activities through projects, meetings, tours & field trips

Intensive Placements Training Program:

- School of Engineering & Technology has initiated an intensive 15 weeks Training program on Placements & Industry Readiness for the pre-final year students.
- The training program is enriched by various corporate trainers on Analytical, Reasoning, Verbal & Technical Skills.

CIVIL ENGINEERING

JULY - SEPTEMBER 2024



- On the 23rd of July, the Department of Civil Engineering conducted a Webinar on "Earthquakes Resilient Structures". The webinar aimed to educate participants on the latest methods and technologies for designing and building structures that can withstand earthquakes, minimizing damage and risk to life.

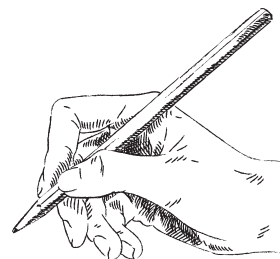


The Department of Civil Engineering at Kaziranga University conducted an Assessment of conquering fear, focusing on keys to success for civil engineering students and professionals.

This event aims to empower participants with strategies and techniques to overcome fear, build confidence, and achieve success in their academic and professional pursuits.



Research Activities



Intellectual Achievements



• PUBLICATIONS :

Computer Applications in Engineering Education, Wiley



DR. SHWETAMBARA VERMA

New way to shaping India's academic environment: An assessment of the mechanism of integration of education 4.0 to industry-centric learning (17 August 2024).

SSRG International Journal of Electronics and Communication Engineering



DR. ASHIM JYOTI GOGOI

Energy Efficiency Optimization of Multiuser Cognitive Radio Network (August 2024).

Engineering Research Express



DR. BARNANA BARUAH

Data Analytics in Ensemble Learning for Effective Crop Yield Prediction (September 2024).

• BOOKS/ BOOK CHAPTERS:



DR. KARTHIK KOVURI

Authored and published his 5th book, "AI Innovations in Computer Science." The book explores AI, Machine Learning, and hands-on projects.

• PATENTS :



HARIS JAMAL

Published an Indian Patent on "Laboratory scale automated biogas production and testing system" (Patent NO. 548901) on 28th August .

Samiran Ghorai



ET22MTHME004

- Got JRF position at IIT Ropar.
- Has joined on August 1,2024.

ET22MTHME001



Rinchin Sonam Tengba

- Joined Ph.D Programme at Energy Department Tezpur University with Scholarship.

Students Achievements

