

# KUEngine

## QUARTERLY NEWS LETTER OF SCHOOL OF ENGINEERING & TECHNOLOGY



KAZIRANGA  
UNIVERSITY  
KNOWLEDGE & BEYOND

[www.kzu.ac.in/school/set](http://www.kzu.ac.in/school/set)

DECEMBER 2023 EDITION



### Bridging Borders through Education and Collaboration!

The Assam Kaziranga University was honored to host a high-level delegation from the Cambodian Government on November 27th. Led by His Excellency So Visothy, Secretary of State, Govt of Cambodia, H.E. Touch Yarandy, Under Secretary of State, Mr. E Sovann, Government Official, Mr. Leo Fernandez Amaladoss, Technical Specialist, Mr. Jesudas Bell, Retd. Indian Foreign Services, and other Govt. Officials.



## Top News

**A High level Cambodian Govt. Delegation team visited the School of Engineering & Technology on 27/11/2023**

**TechBlitz 2023: A spectacular two days event conducted during 29th & 30th Nov 2023 showcased the School's potential to nurture the Tech Spirits of young minds to a large gathering of class 12 students of Assam and Nagaland**



# Events



**KAZIRANGA UNIVERSITY**  
*Programing Based*  
**Technical Quiz Session**  
 Organized by  
**Department of CSE**  
 The Assam Kaziranga University  
**November 11, 2023**  
 Trophies and certificates will be presented to the victorious participants.  
 Contact : 70026-43700  
 Chairman: Prof. (Dr.) Karthik Kavaril, Dean SET  
 Convener: Dr. Barinava Baruah, Associate Professor & M.O. CSE  
 Program Coordinator: Ms. Rupia Debra, Assistant Professor, CSE



Department of Computer Science & Engineering organized a “Programing Based Technical Quiz Session” on 11th November 2023. The objective of this event was to motivate and encourage students in programing for their bright and successful professional career

## Fun Times



- Department of Civil Engineering organized an Industry Visit to Ready Mixed Concrete Plant, Jorhat with 124 students.



- Department of Electrical Engineering hosted a Poster Presentation on 20th October 2023. Dr. (Ms) Molya Bhuyan Associate Professor, Mathematics from DCB Girls College graced the occasion as Resource Person



- Department of Electrical Engineering hosted a Technical Quiz Competition on 28th October 2023. Prof.(Dr). Ritunjoy Bhuyan, Dean, CoE & SD, KU conducted the event as Quiz Master



- Department of Electronics & Communication Engineering hosted a Technical Quiz for celebrating APJ Abdul Kalam Birthday Week on 15th October 2023. Dr. Ashim Jyoti Gogoi, Associate Professor, ECE conducted the event as Quiz Master.

Faculty Development Programme (FDP) on "Sustainable Construction Materials and Technologies" sponsored by ATAL, AICTE, was organized by Department of Civil Engineering from 20 - 25 November 2023



Department of Electronics & Communication Engineering hosted an online technical presentation session on “Study of Generation, Distribution, Utilisation, Control and Optimization of Electrical System in Industries”. Er. Samir Kundu BE(Electrical), Rtd. Chief General Manager, Numaligarh Refinery Ltd was the speaker of that event on 8th October 2023



# Intellectual Achievements

## Student Achievement

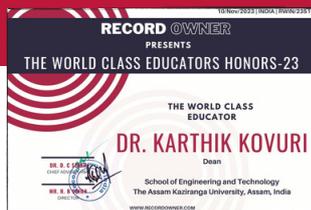
Two students Dhruvajyoti Hazarika and Ujjwal Thakur of B.Tech CSE Sem I, earned prizes from the event "Innovanza", organized by RGU, Assam.



## Awards

Dr. Karthik Kovuri, Professor of the CSE Dept. and Dean of the School of Engineering & Technology was awarded with highly prestigious "Leading Professor from India-2023" by BusinessTalkz.

He has also awarded with "The World Class Educator" Award by Record Owner



## Academic Reach out

Shiladitya Munshi, Associate Professor of the CSE Dept. delivered a Hands on Session on "Generative AI and It's Applications on Entertainment Industries" during 2nd and 3rd November 2023 at BUIE, West Bengal



## Academic Services

Dr. Karthik Kovuri, Professor of the CSE Dept. and Dean of the School of Engineering & Technology, was Nominated as Editorial committee member for "International Conference on Technology, Industrial and Scientific Innovations" (ICTISI 2024)



Shiladitya Munshi, Associate Professor of the CSE Dept. has been selected in the Editorial Committee of Journal of Applied Science and Computer Science Publications, China.



## Innovations



**1 Indian patent was published bt Dr. Ramesh Chandra Borah, Professor and HOD of Mechanical Engineering Department**

Title: "Automatic Sun Tracking of Solar Parabolic Trough"

Patent Application Number: [202331051163](#).

**2 Indian patent was published by Dr. Karthik Kovuri, Professor of Department of Computer Science & Engineering & Dean of the School**

Title: "A system and method for AI enhanced digital video forensics"

Patent Application Number: [202331064964A](#)

**3 Indian Copyrights were published by Shiladitya Munshi, Associate Professor, Department of Computer Science & Engineering**

ROC Number: SW-16562/2023,

Title of Work: RDF Integrator Software for Preserving the Semantic Properties of Web 3.0

ROC Number: SW-16423/2023,

Title of Work: Software Innovation in Optimal Cargo Loading for Intercity Transportation of Warehouse Items Based on 3D Bin Packing Algorithm.

## Publications

Two papers have been published in ICATAS 2023 on 6th October 2023 by Dr. Karthik Kovuri.

### Titles:

1. Privacy preserving healthcare data in IoT
2. Performance evaluation of e-health services in fog, cloud and 5G integrated IoT

Two papers from Dr. Barnana Baruah, HoD and Associate Professor, Department of CSE has been accepted at INDICON 2023 & ICDDS 2023

### Titles:

- 1>Automatic Privacy-Preserved Contact Tracing in Body Area Networks using Blockchain
- 2.>Privacy-Preserving Forward and Backward Contact Tracing in Body Area Networks using Blockchain

One Research Paper from Shiladitya Munshi has been published in Solovyov Studies ISPU Journal

**Title:** Modeling State Transitions of Computing Machines: A Programmable Cellular Automata Approach.