

RETROSPECT



A quarterly newsletter of CED

Volume 5, Issue 2, June, 2022

বিভাগীয় সঙ্গীত

সুৰ আৰু কথা: ড° অক্ষয় কুমাৰ শৰ্মা,
প্রাক্তন ছাত্ৰ, অসামৰিক অভিযান্ত্ৰিক বিভাগ
যোৰহাট অভিযান্ত্ৰিক মহাবিদ্যালয়

উনৈচশ ষাঠিৰ শুভ লগনত
পূব ভাৰতৰ যোৰহাট চহৰত-
মংগল ধ্বনিৰে বাজি উঠিছিল
প্ৰগতি বথৰ সংকেত ঘণ্টা,
অভিযান্ত্ৰিক সাধনাত নামিছিল
অসামৰিক শত' অভিযন্তা ॥

মহাকাশৰ ন-প্ৰযুক্তিৰে
ধৰাৰ বুকু জৰীপ কৰি
প্ৰগতিৰ নক্সা আঁকো,
দুৰ্বল মাটিও সবল কৰি
পাহাৰ নদীৰ বাধা নেওচি
পৰিবহনৰ সাজো সাঁকো,
যুগমীয়া হয় যাতে
অভিনবতাৰ এই যাত্ৰা
আমি অসামৰিক অভিযন্তা ॥

দূৰদৰ্শী চিন্তাধাৰাৰে
আন্ত:গাঁথনি সজাই-
কতকিষে নিৰ্মান কৰোঁ,
বলিয়া বানৰ দুৰ্যোগ নাশি
জলসম্পদ প্ৰয়োগেৰে-
সেউজীয়া পথাৰ গঢ়োঁ,
সুন্দৰ নিৰাপদ
পৰিবেশৰ আমি স্ৰষ্টা,
আমি অসামৰিক অভিযন্তা ॥

Vision of the Department

The department will be a center of excellence in creating highly competent civil engineers with professional ethics, social responsibility, and entrepreneurial skills for sustainable development.

Mission of the Department

- To offer quality technical education in undergraduate, post-graduate and doctoral level that enables students in honing their professional skills.
- To provide a congenial, interactive, and inspiring environment that enables student to develop innovative ideas, ethical values, and entrepreneurial skills.
- To promote research initiatives to address regional and global problems.
- To extend technical expertise to meet industrial and societal needs.

HOD's message

I would like to take this opportunity to congratulate my beloved graduating batch of 2022 and wish them happiness and success in their life. Life has many chapters, some of them have happy ending and some have a sad climax. But these chapters will finally complete our book of life. So, it's my suggestion to the graduating students, to accept sadness and failure like you accept happiness. After all, it's just a chapter of your life

I am glad to announce that the 2nd issue of 5th volume of our departmental quarterly newsletter "Retrospect" is ready to get published. All the significant events that have taken place in the department from 1st April, 2022 to 30th June, 2022 have been incorporated in this issue of Retrospect.



DEPARTMENTAL ACTIVITY

- Special survey practical for 6th semester students was held from 1st to 8th April, 2022, as they missed it due to COVID-19 pandemic.
- 4th semester lab classes started from 22nd April, 2022.
- CIE-I for the even semester started from 27th April 2021 through offline mode for all semester students.

Advisor:

Dr. P.K. Khaund
Professor, HoD, CED

Editors:

Mr. Baharul Hussain, Mrs. Snigdha Kalita
Assistant Professors, CED

DEPARTMENTAL ACTIVITY

- CIE-II for the even semester started from 24th May 2021 through offline mode for 8th semester students.
- Two departmental meetings were held on 23rd and 26th May, 2022 to discuss some important points of NBA.
- CIE-II for even semester started from 3rd June 2021 through offline mode for 4th and 6th semester students
- M. Tech dissertation progress seminar cum viva was held on 10th June, 2022.
- B. Tech 8th semester end semester examination was held from 14th June, 2022.
- A departmental meeting was held on 14th June, 2022 to discuss some important points of NBA.
- Department farewell for graduating batch of 2022 was organized on 25th June, 2022
- Stakeholders meet (alumni) was held on 25th June 2022 in Civil Engineering Department. The objective of the meeting was to share thoughts between the faculties and alumni. Alumni from various departments/institutes were present on that day. Various valuable suggestions were shared by the alumni and reassurance was given regarding supporting the alma matter in all possible ways. Dr. P.K. Khaund, HoD, CED shared a brief presentation on the civil engineering department and departmental facilities. The event was coordinated by Dr. P.K. Khaund and Mr. Mrinal Adhyapok and anchored by Mrs. Snigdha Kalita.
- B. Tech 8th semester project viva was held on 28th and 29th June, 2022.

Alumni during Stake holders meeting



Dr. P.K. Khaund, HoD, CED, during Stake holders meeting (Alumni)

During Farewell Ceremony, 2022

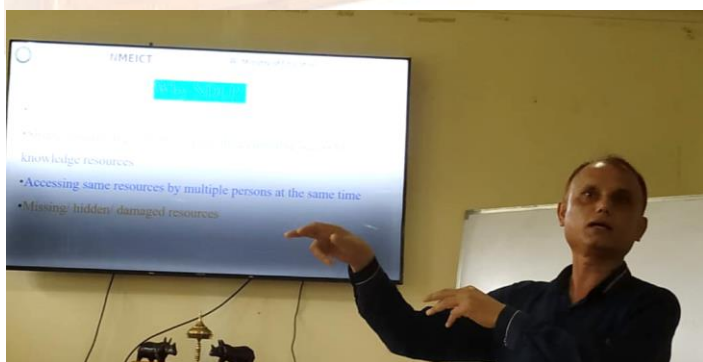


FACULTY ACTIVITY

- A research paper titled “A performance study on models of permeable screens in an experimental field channel with alluvial bed”, authored by Mr. R. Goswami and Dr. P.Kr. Khaund was presented in the “International Conference on Research, Innovation and Practices in Science, Technology and Management for Societal Benefits (ISBN: 978-93-91535-30-8)”, organized by Podder International College, Jaipur, Rajasthan, during 8th & 9th April, 2022.
- A research paper titled “A study on performance of permeable spur models in flow velocity reduction in the near bank of a channel”, authored by Mr. R. Goswami and Dr. P.Kr. Khaund was presented in the “International Multidisciplinary conference on Research, Technology and Engineering (ISBN: 978-93-91535-28-5)”, organized by KJEI’s Trinity Academy of Engineering, Pune, India, during 7th & 8th April, 2022.

FACULTY ACTIVITY

- Dr. Mrinal Kr. Dutta, delivered a talk during NDLI awareness Programme on National Digital Library of India and NDLI Club, organized by Jorhat Engineering College, Jorhat, on 20th May 2022.
- A research paper titled “Experimental studies on Load settlement behaviour of cohesionless soil using Bamboo Grid” authored by Dr. N. M. Chetia and B. Das was published in Springer Journal “Ground Characterization and Foundations” in the month of June 2022.
- A research paper titled “Effect of frequency content of earthquake ground motions on dynamic behaviour of tiered geosynthetic reinforced soil walls” authored by A. Gogoi and Dr. Arup Bhattacharjee has got published in Springer Journal “Earthquakes Geotechnics, Lecture Notes in Civil Engineering” in the month of June 2022.
- A research paper titled “Influence of Soil Structure Interaction on Yielding of Pile Embedded in Stratified Soil” authored by Dr. Arup Bhattacharjee and B. Barthakur has got published in Springer Journal “Theory and Practice in Earthquake Engineering and Technology, Springer Tracts in Civil Engineering” in the month of June 2022.
- Dr. N.M. Chetia has participated in three one-week long workshop on “Trilingual glossary of Engineering in Assamese to fulfil the objectives of NEP2020” organized by the Commission for Scientific and Technical Terminology, in April, June and July 2022.
- Dr. N.M. Chetia and Mr. Baharul Hussain acted as a Faculty Resource member in the Workshop on Earthquake Resistant Design Practice for UG Students of Architecture, organized by National Information Centre of Earthquake Engineering (NICEE) and IIT Kanpur, held from 18th to 25th June 2022.
- Dr. P.K. Khaund has attended AICTE organised Orientation Program on Technical Book Translators (Assamese Language) on 20th May at Assam Science and Technology University, Guwahati.
- A research paper titled "Stability Analysis of Riverbank Erosion" authored by Mrs. Snigdha Kalita and Dr. P.K.Khaund has been published in the book series "Advances in Sustainability Science and Technology", 2023 by Springer .
- A research paper titled "Parameter Sensitivity by Watershed Model of Bhogdoi, a Tributary of the Brahmaputra River" authored by Monisha Dutta, Dr. Pulendra Dutta and Dr. Mrinal Kumar Dutta has been published in the book series "Advances in Sustainability Science and Technology", 2023 by Springer.



Dr. Mrinal Kr. Dutta during a talk in the NDLI awareness Programme on 20th May 2022 at JEC.

ACHIEVEMENTS AND ACTIVITIES OF STUDENTS

- Ms. Jhanvi Mazumder (2nd Semester, CED) has participated in the “2nd Guwahati Open Taekwondo Championship 2022 (Kyorugi)” held at DTRP Indoor Stadium, R.G. Baruah Sports Complex, Guwahati; organised by Kamrup (Metro) District Taekwondo Association during 30th April & 1st May 2022. Ms. Mazumder has secured Gold Medal, in the under 73Kg, Female Category.
- Ms. Jhanvi Mazumder (2nd Semester, CED) has participated in the “2nd Central Zone Taekwondo Championship 2022, Pathsala” organized by Bajali District Taekwondo Association, held at Bhagawati Khatra, Pathsala, Bajali, Assam, during 6th to 8th May 2022. Ms. Mazumder has secured Gold Medal, in the under 73Kg, female category.
- Ms. Bhaswati Dutta (4th semester, CED) has been awarded 2nd Prize in the event Scriptura (English) organised under the Literary Bout on 15th May 2022, during Phoenix, 2022.
- Mr. Moupran Hazarika (4th Semester, CED) has secured 1st position in the event Déjà Vu Competition held during Phoenix22.
- Ms. Jayasmita Boruah (2nd Semester, CED) has secured 2nd prize in Carrom (Single Girls) Competition held during Annual College Festival, JEC, in May 2022.
- Mr. Shyamal Kishore Tamuli (6th Semester, CED) has secured 1st position in the Powerlifting Competition (0-60 Kg) and Arm-wrestling (0-60 Kg) Competition, organized during Annual College Festival, JEC, in May 2022.
- Ms. Zuneda Chayema Barik (2nd Semester, CED) has secured 1st position in the Chess Competition, organized during Annual College Festival, JEC, in May 2022.



Ms. Jhanvi Mazumder



Ms. Bhaswati Dutta



Mr. Moupran Hazarika



Ms. Jayasmita Boruah



Mr. Shyamal Kishore Tamuli



Ms. Zuneda Chayema Barik