

◀ RETROSPECT



A quarterly newsletter of CED

Volume 2, Issue 2, June, 2019

বিভাগীয় সঙ্গীত

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

উনৈচশ শাঠিৰ শুভ লগনত
পূব ভাৰতৰ যোৰহাট চহৰত-
মংগল ধ্বনিৰে বাজি উঠিছিল
প্রগতি বৰখৰ সংকেত ঘণ্টা,
অভিযান্ত্ৰিক সাধনাত নামিছিল
অসামৰিক শত' অভিযন্তা ॥

মহাকাশৰ ন-প্রযুক্তিৰে
ধৰাৰ বুকু জৰীপ কৰি
প্রগতিৰ 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 centre 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 take the privilege to announce that the Department of Civil Engineering of JEC is publishing the second issue, volume 2 of Retrospect, the quarterly newsletter of CED. This issue of retrospect covers all the significant events that has taken place in the department from 1st April to 30th June, 2019. I wish my best wishes to the advisor and editors of Retrospect for successful future publication of the newsletter.



Prof. Prasanna Kr. Khaund



B.E. (Civil Engineering) Students' Batch 2015-19

Advisor:

Dr. Atanu Kr. Dutta
Associate Professor, CED

Editors:

Mr. Baharul Hussain, Mr. Utpal Ray and Ms. Marlina Gowalla
Assistant Professors, CED

DEPARTMENTAL ACTIVITIES

- The department conducted Class Test – II from 3rd to 9th April, 2019 as a part of continuous internal evaluation process for B.E. students.
- On 6th April, 2019 Civil Engineering Department conducted a “Felicitation Ceremony” for the first three rank holders of 3rd, 5th and 7th semester examination 2018, 8th semester examination 2018 and GATE 2019 qualified students.
- Survey Camp for B.E 4th Semester was conducted from 26th April to 1st May 2019.
- A departmental meeting was held on 30th April, 2019 for discussing the progress of CO wise marking and NBA visit preparation.
- The department conducted Class Test – III from 10th to 15th May, 2019 as a part of continuous internal evaluation process for B.E. students.
- A hands on training on total station and on mix design was organized on 16th and 17th May 2019 for 6th semester B.E students. Mr. Koushik Kalita and Mrs. Abhigna Bhatt coordinated the event. Dr. Arup Bhattacharjee, Dr. Sulaem M. Laskar and Mr. Abhijeet Hazarika were also present for smooth conduction of the event.
- An industrial visit to water treatment plant was organized on 16th and 17th May 2019 for 6th semester B.E students. Mr. Rituparna Goswami was the coordinator and was assisted by Dr. Arup Bhattacharjee, Dr. Nayanmoni Chetia and Ms. Joba Goswami.
- A one day technical talk on “Application of IS codes on Earthquake resistant structures & ductile detailing” was organized on 18th May, 2019 for 6thsem B.E civil engineering students. The event was coordinated by Dr. Nayanmoni Chetia and was assisted by Mr. Baharul Hussain as joint coordinator.
- An industrial visit to railway station (Mariani Jn.) was organized on 18th May 2019 for B.E. 6th Semester civil engineering students. Dr. Achyut Das was the coordinator and was assisted by Mr. Koushik Kalita as joint coordinator.
- B.E. 4th Sem B.E students were taken for an industrial visit to road construction site (NH 37) and building construction site (JEC new auditorium) on 18th May 2019. Mr. Utpal Ray and Ms. Marlina Gowalla coordinated the event and were assisted by Mr. Koushik Kalita, Mr. Pranjal Sarma and Mr. Baharal Hussain and Mr. Nihir Boro as joint coordinator.
- The departmental mid semester faculty feedback was conducted on 27th April 2019.
- The online departmental end semester feedback on faculty and course was conducted on 21st May, 15th June and 22nd June 2019 for 6th, 4th and 8th semester B.E. students respectively.
- A Technical Talk on “Reinforced Soil Retaining Structures” By Dr. Arup Bhattacharjee was organized for 8th Semester B.E students on 12th June 2019. Dr. Arup Bhattacharjee was the coordinator and was assisted by Ms. Marlina Gowalla as joint coordinator.



Felicitation Ceremony



Hands-on training on total station



Hands-on training on Mix Design



Industrial visit to Water Treatment Plant



one day technical talk on “Application of IS codes on Earthquake resistant structures & ductile detailing”



Industrial visit to road construction

DEPARTMENTAL ACTIVITIES

- A Technical Talk on “River Erosion and Its Control in Brahmaputra Valley (Upper Assam Reach)” by Dr. Prasanna K. Khaund for 8th Sem B.E students was organized on 12th June 2019. Dr. Khaund was the coordinator and was assisted by Mr. Baharul Hussain as joint coordinator.
- B.E. 8th semester civil engineering students were taken for an industrial visit to river training site at Neematighat was on 13th June, 2019 in collaboration with Water Resource Investigation Department, Govt. of Assam. Dr. Prasanna Kr. Khaund was the coordinator and Mr. Rituparna Goswami and Ms. Joba Goswami were the supporting members.
- A one day industry expert talk on “Reservoir Optimization” by Er. Pranab Das, NRL was organized on 15th June 2019 for 8th Semester B.E civil engineering students. The talk was coordinated by Dr. Mrinal Kr. Dutta and was assisted by Mrs. Abhigna Bhatt as joint coordinator.
- A one day industry expert talk on “Industrial Building” by Er. Sujit Kr. Singh, NRL was organized on 15th June 2019 for 8th Semester B.E civil engineering students. The talk was coordinated by Mr. Pranjal Sarma and was assisted by Ms. Prasanty Borah as joint coordinator.
- A one day industry expert talk on “Industrial pollution Control” & “Job Opportunity in Environmental Engineering” by Dr. Shantanu Kr Dutta CPCB (GOI), for 8th Semester B.E students was organized on 17th June 2019. The talk was coordinated by Dr. Atanu Kumar Dutta and was assisted by Mr. Utpal Ray as joint coordinator.
- The viva voce of Mini Project for 6th semester B.E. students was held on 17th June 2019.
- On 18th and 19th June 2019 general viva and for B.E. 8th semester students was conducted.
- On 21st and 22nd June 2019 Project Viva for B.E. 8th semester students was conducted.



Industrial visit to Building construction



Technical Talk on Reinforced Soil Retaining Structures



Technical Talk River Erosion and Its Control in Brahmaputra Valley (Upper Assam Reach)



Expert talk on “Industrial pollution Control” & “Job Opportunity in Environmental Engineering”



Industry expert talk on “Reservoir Optimization”



Industrial visit to Water Treatment Plant



Industrial visit to Road Construction

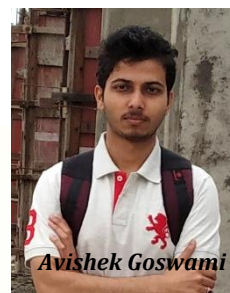
FACULTY ACTIVITIES

- Dr. A. K. Dutta received a project grant of worth Rs. 6,90,000/- on “Seismic vulnerability of traditional stilted house in flood plains of Assam” under RPS-NER, AICTE.
- Dr. A.K. Dutta, associate professor, JEC acted as a reviewer for SN Applied Science which is a multi-disciplinary, peer-reviewed journal published by Springer Nature.
- Dr. S.M. Laskar, assistant professor, JEC along with Prof. Sudip Talukdar, IITG contributed towards development of the online Buying Guides and Material Calculator for the online construction material buying site ‘www.brick2wall.com’.
- A research paper “A study on the performance of damaged RC members repaired using ultra-fine slag based geopolymers mortar” authored by Dr. S.M. Laskar, JEC and Prof. S. Talukdar, IITG has been accepted for publication in the journal “Construction and Building Material” published by Elsevier.
- Prof. P.K. Khaund attended a dissemination workshop entitled “Morphological Studies of River Brahmaputra, Subansiri and Pagladiya using Remote Sensing Technique” organized by department of Civil Engineering, IIT Guwahati at IIT Guwahati on 3rd May 2019.
- Mr. K. Kalita, Mr. B. Hussain, Dr. S.M. Laskar, Mr. N. Boro, Mr. U. Ray, Mrs. A. Bhatt and Ms. M. Gowalla attended a one day workshop on writing research proposal under TEQIP III organized on 7th May 2019 at Jorhat Engineering College.
- Dr. A.K. Dutta delivered a guest talk on “National Technology Day” in All India Radio, Guwahati in the Program “Aaji Puwa” on 11th May, 2019 at 7:15 am.
- A research paper “Behaviour of two-tiered geosynthetic reinforced soil walls” authored by Dr. A. Bhattacharjee, JEC and Mr. M. Amin, LEA Associates South Asia Pvt. Ltd, has been published in the journal “INAE Letters, an official journal of the Indian National Academy of Engineers” published by Springer Singapore on 14th May 2019.
- Dr. A. Bhattacharjee acted as a reviewer for the Springer published journal “Earthquake Engineering and Engineering Vibration”.
- Prof. P.K. Khaund and Dr. A. Bhattacharjee attended BOS Civil Engineering meeting held at ASTU, Guwahati, on 28th May 2019.
- Dr. S.M. Laskar has been conferred the degree of Doctor of Philosophy in Civil Engineering by IIT Guwahati on 12th June 2019.
- Dr. S.M. Laskar, Mr. B. Hussain, Mr. N. Boro, Mr. U. Ray, Mrs. A. Bhatt and Ms. M. Gowalla attended a faculty development program on advanced digital pedagogy, from 24th June to 28th June 2019 at IIT Madras, organized by TLC, IIT Madras under TEQIP III.



ACHIEVEMENTS AND ACTIVITIES OF STUDENTS

- Mr. Avishek Goswami, Mr. Mousom Mrinmoy Kashyap, Mr. Chandan Jyoti Dutta, Mr. Chinmoy Ranjan Gogoi, Mr. Alakesh Bordoloi and Mr. Mustak Ali Ahmed of B.E. 8th semester, Civil Engineering Department, got selected in Central Water Commission.
- Mr. Abdul Jalil and Mr. Bitupan Das of B.E. 8th semester, Civil Engineering Department, got placed in North East Agency Pvt. Ltd.



Avishek Goswami



Mousom Mrinmoy Kashyap



Chandan Jyoti Dutta



Chinmoy Ranjan Gogoi



Alakesh Bordoloi



Mustak Ali



Abdul Jalil



Bitupan Das

GALLERY



Industry expert talk on "Industrial Building"



Expert talk on "Industrial pollution Control" & "Job Opportunity in Environmental Engineering"



Hands-on training on total station



Hands-on training on total station



Prof. P.K. Khaund with students during industrial visit to river training site at Neamatighat



Ms. Marlina Gowalla during FDP at IITM under TEQIP-III



Rank holders of 2011-2015 Batch



Rank holders of 2012-2016 Batch



Rank holders of 2013-2017 Batch



Rank holders 2014-18 Batch



Rank holders of 2015-2019 Batch



Technical talk on "Application of IS codes on Earthquake resistant structures & ductile detailing"



Industrial visit to river training site at Neematighat



Industrial visit to railway station (Mariani)



GATE 2019 qualifiers of Civil Engineering during felicitation ceremony



Industrial visit to road construction (Laboratory)