

# ◀ RETROSPECT



A quarterly newsletter of CED

Volume 1, Issue 2, June, 2018

## 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 বথৰ 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 of Retrospect, the quarterly newsletter of CED. All the significant events taken place in the department from 16<sup>th</sup> March to 15<sup>th</sup> June, 2018 have been attempted to reflect in this issue. This issue also introduces the departmental anthem which has been composed by Prof. Arup Kr. Sarma, an alumni of the department. 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 2014-18**

## Advisor:

Dr. Atanu Kr. Dutta  
Associate Professor, CED

## Editors:

Mr. Sulaem Musaddiq Laskar, Mr. Koushik Kalita and Mr. Baharul Hussain  
Assistant Professors, CED



DEPARTMENTAL ACTIVITIES

- One week survey camp was organized for 4th semester students from 22<sup>nd</sup> to 27<sup>th</sup> March, 2018.
- The department conducted Class Test – II from 2<sup>nd</sup> to 4<sup>th</sup> April, 2018 as a part of continuous internal evaluation process for B.E. students.
- First issue of “Retrospect” was inaugurated on 5<sup>th</sup> April, 2018 in the presence of Dr. Parimal Bokul Barua, Principal (i/c), HODs of JEC, faculties and students of Civil Engineering Department.
- A departmental meeting was held on 6<sup>th</sup> April, 2018 to discuss regarding CO-wise marking, corrective measures for under-performing students, gap analysis of the university syllabus and corrective measures.
- The students of B.E. 8<sup>th</sup> Semester presented their project works in a seminar held on 10<sup>th</sup> and 11<sup>th</sup> April, 2018 in the department.
- A departmental meeting to discuss the progress related to corrective measures decided from gap analysis was held on 12<sup>th</sup> and 19 April, 2018. Four numbers of technical talks for B.E. 6<sup>th</sup> and 8<sup>th</sup> semester students were decided to be conducted in the month of June, 2018.
- Class Test – III as a part of continuous internal evaluation process for the B.E. students was conducted from 21<sup>st</sup> to 24<sup>th</sup> April, 2018.
- A departmental meeting was held on 27<sup>th</sup> April, 2018 to finalize dates for General viva for B.E. 6<sup>th</sup> and 8<sup>th</sup> semester students, students’ feedback on subject teacher and course, B.E. 4<sup>th</sup> and 6<sup>th</sup> semester practical exam, submission of thesis reports for M.E. 4<sup>th</sup> semester students. The topics for the technical talk for B.E. 6<sup>th</sup> and 8<sup>th</sup> semester students were also decided in this meeting.
- All the B.E. even semester classes formally ended on 28<sup>th</sup> April, 2018.
- An executive meeting was held in the departmental library on 2<sup>nd</sup> May, 2018 to discuss issues related to departmental financial budget.
- On 4<sup>th</sup> May, 2018, Parting Social for out-going B.E. students was arranged.
- A departmental meeting was held on 5<sup>th</sup> May, 2018 for discussing the progress of CO wise marking and arrangement of the technical talks.
- A departmental meeting was held on 18<sup>th</sup> May, 2018 for discussion on preparation of lesson plan and intended learning outcomes of the subjects in the syllabus.



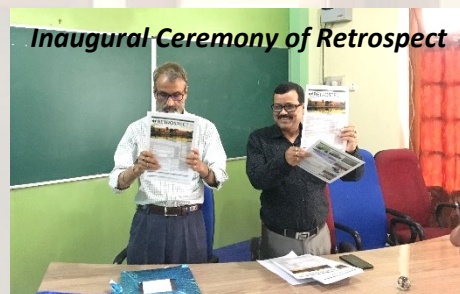
Survey Camp, 2018



Survey Camp, 2018



Class Test - II



Inaugural Ceremony of Retrospect



B.E. 8<sup>th</sup> Semester Project Seminar



Parting Social, 2018



Departmental Meeting



### DEPARTMENTAL ACTIVITIES

- Computational laboratory exam for M.E. 2<sup>nd</sup> semester students was conducted on 25<sup>th</sup> May, 2018 where students analyzed various civil engineering structures using ANSYS 14.5 and SAP 2000 V18.
- A departmental meeting was held on 26<sup>th</sup> May, 2018 for discussion on progress of technical talks and finalization of B.E. 8<sup>th</sup> semester project evaluation rubrics.
- A departmental meeting was held on 29<sup>th</sup> May, 2018 for discussion on organizing a national conference tentatively scheduled on 3<sup>rd</sup> week of December, 2018. Different committees to be engaged in various conference related works were formed in this meeting.
- A Two Day Technical Talk, "River Erosion Control with Special Reference to North-East India" was organized on 1<sup>st</sup> and 2<sup>nd</sup> June, 2018. The talk was attended by B.E. 8<sup>th</sup> semester students where Prof. Arup Kr. Sarma, IIT Guwahati, Prof. Prasanna Kr. Khaund, JEC, Dr. Mrinal Kr. Dutta, JEC and Mr. Rituparna Goswami, JEC delivered lectures on relevant topics.
- A Two Day Technical Talk, "Earthquake Engineering: Codal Provisions and Practices" was organized on 4<sup>th</sup> and 5<sup>th</sup> June, 2018. The talk was attended by B.E. 8<sup>th</sup> semester students where Dr. Atanu Kr. Dutta, JEC, Dr. Nayanmoni Chetia, JEC, Mr. Baharul Hussain, JEC and Mr. Sulaem M. Laskar, JEC delivered lectures on relevant topics.
- A departmental meeting was held on 6<sup>th</sup> June, 2018 for discussion on preparation of CO attainment for SAR submission. Awarding B.E. final year best project for 2018 was also discussed in the meeting.
- On 7<sup>th</sup> and 8<sup>th</sup> June, 2018 general viva for B.E. 8<sup>th</sup> semester students was conducted. The students appeared before three numbers of panels to cover all civil engineering subjects taught in B.E. syllabus.
- A One Day Technical Talk, "Alternative Building Materials and Technology" was organized on 9<sup>th</sup> June, 2018. The talk was attended by B.E. 6<sup>th</sup> semester students where Dr. Sanjay Deori, CSIR-NEIST, Dr. Atanu Kr. Dutta, JEC, Dr. Nayanmoni Chetia, JEC and Mr. Sulaem M. Laskar, JEC delivered lectures on relevant topics.
- A One Day Technical Talk, "Advanced Surveying and Intelligent Transportation System" was organized on 11<sup>th</sup> June, 2018 which was attended by B.E. 6<sup>th</sup> semester students. Dr. Mrinal Kr. Dutta, JEC and Mr. Koushik Kalita, JEC delivered lectures on relevant topics.
- On 12<sup>th</sup> and 13<sup>th</sup> June, 2018 Project Viva for B.E. 8<sup>th</sup> semester students was conducted.
- Online feedback from B.E. students on subject and subject teacher was conducted on 6<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> June, 2018.





## DEPARTMENT OF CIVIL ENGINEERING

### FACULTY ACTIVITIES

- Prof. Prasanna Kr. Khaund was invited as Chief Guest in a One-day National Workshop on, Recent Developments in Civil and Earthquake Engineering, 2018 at CSIR-NEIST, Jorhat on 9<sup>th</sup> April, 2018.
- Dr. (Mrs.) N. Chetia, Mr. S. M. Laskar and Mr. B. Hussain attended a One-day National Workshop on, Recent Developments in Civil and Earthquake Engineering, 2018 at CSIR-NEIST, Jorhat on 9<sup>th</sup> April, 2018.
- Prof. P.K. Khaund attended the MOU signing between IIT, Guwahati & JEC in presence of Principal, JEC; Director, IITG; HOD, CED, IITG among others for student's internship, research activities, library use, etc.
- Dr. Atanu Kr. Dutta, Dr. Mrinal Kr. Dutta, Dr. Arup Bhattacharjee, Mr. Baharul Hussain and Mr. Koushik Kalita completed certification course offered by NPTEL, MHRD, Govt. of India on 28<sup>th</sup> and 29<sup>th</sup> April, 2018.
- Prof. P.K. Khaund, Dr. A.K. Dutta, Mr. G. Hazarika, Dr. (Mrs.) N. Chetia, Dr. A. Bhattacharjee and Mr. R. Goswami attended a TEQIP III Sponsored, Faculty Induction Program from 7<sup>th</sup> to 17<sup>th</sup> May, 2018 organised by Jorhat Engineering College and NITTTR, Kolkata.
- Dr. A.K. Dutta delivered a Radio Talk on Earthquake Resistant Building Construction Technology aired in AIR, Guwahati on 19<sup>th</sup> May, 2018.
- Dr. (Mrs.) N. Chetia and Dr. A. Bhattacharjee published research articles in JCEET, Krishi Sankriti Publications, Vol. 5 (4), April-June, 2018.
- The faculties of the department actively participated in the plantation drive organized by the Women's Cell, JEC in the institute premises on the occasion World Environment Day, 5<sup>th</sup> June, 2018.



### ACHIEVEMENTS AND ACTIVITIES OF STUDENTS

- M.E. and 8<sup>th</sup> Semester B.E. students attended a One-day National Workshop on, Recent Developments in Civil and Earthquake Engineering, 2018 at CSIR-NEIST, Jorhat on 9<sup>th</sup> April, 2018.
- Mr. Shamsuz Zaman and Ms. Seema Kumari published research articles in JCEET, Krishi Sankriti Publications, Vol. 5 (4), April-June, 2018.
- A plantation drive was organized by out-going B.E. students (batch 2014-18) of CED on 13<sup>th</sup> June, 2018 where faculties and students took active part and showed their concern towards the environment.
- The department congratulates Mr. Kawshik Hazarika and Mr. Sopun Bora for being recruited as Senior Engineer (in Probation) in Oil India Limited; and Mr. Bhaskarjyoti Saikia and Mr. Bishal Paul for being recruited in Kalpataru Power Transmission Limited.
- The department congratulates Mr. Debasish Das for selection in M.Tech. program in Transportation Engineering at NIT Silchar (GATE 2018); and Mr. Akash Roy for selection in M.B.A. program in IIM Kashipur.

