

◀ RETROSPECT



A quarterly newsletter of CED

Volume 1, Issue 1, March, 2018



Department of Civil Engineering was established in 1960. Presently, the Department has Laboratories viz. Hydraulics, Concrete Technology, Soil Mechanics, Environmental Engineering, Transportation Engineering, Geology and Remote Sensing and Engineering Survey. The department has facilities like meteorological centre, shake table with accessories, pile integrity tester, open channel flumes (rigid and flexible), Acoustic Doppler Velocimetry, NDT equipments and computational facilities consisting of ANSYS 14.5, PLAXIS, ETABS 2015, SAP2000 V18. The Department has its own Library and a Seminar room. The Department has a technical consultancy cell serving State/Central Government/PSU clients like PWD, CPWD, WRD, Indian Railways, IAF, MES, BRO, ONGCL, OIL, NRL, etc. The Department offers B.E. degree in Civil Engineering and M.E. degree in Design of Civil Engineering Structures along with the Ph.D. program.

Vision of the College

To develop human resources for sustainable industrial and societal growth through excellence in technical education and research.

Mission of the College

- To impart quality technical education at UG, PG and PhD levels through good academic support facilities.
- To provide an environment conducive to innovation and creativity, group work and entrepreneurial leadership.
- To develop a system for effective interactions among industries, academia, alumni, internal and external stake holders.
- To provide a platform for need based research with special focus on regional development.

Advisor:

Dr. Atanu K. Dutta, Associate Professor, CE

Editors:

*Mr. Sulaem Musaddiq Laskar, Mr. Koushik Kalita and Mr. Baharul Hussain
Assistant Professor, CE*

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

- Offering quality technical education in undergraduate, post-graduate and doctoral level that enables students in honing their professional skills.
- Providing 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.
- Extending technical expertise to meet industrial and societal needs.

Principal's message

I am pleased to know that the Department of Civil Engineering of Jorhat Engineering College is publishing its first ever quarterly newsletter, "Retrospect".



I congratulate the H.O.D., all the faculty members, staffs and students of the department for their sincere efforts towards achieving the vision of the department as well as Jorhat Engineering College. I wish this newsletter will be a carrier of information in relation to all the ongoing activities of the Department of Civil Engineering.

Prof. (Mrs) Reeta Sarmah
Principal, Jorhat Engineering College

HOD's message

It gives me immense pleasure to announce that the Department of Civil Engineering of Jorhat Engineering College is going to publish the first issue of newsletter named "Retrospect".



I hope this newsletter will reflect the creditable activities of the department and will encourage and motivate the students and faculties for their self-upgradation. I sincerely hope that "Retrospect" will help to extend perspective and valuable activities of the department and will enable to lead the department one step ahead.

I appreciate the editorial committee for their collective efforts to bring out the first issue of "Retrospect" and convey my best wishes for the success to continue the quarterly issue of "Retrospect" forever.

Prof. Prasanna Kr. Khaund

*H.O.D., Department of Civil Engineering
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DEPARTMENTAL ACTIVITIES

- A faculty and staff meeting of the department was organized on 19th February, 2018 to discuss about the vision, mission and program educational objectives of the department.
- An interaction program was held on 20th February, 2018 with 8th semester B.E. students and faculty members to discuss the vision, mission and program educational objectives of the department. Students presented views and suggestions on academic activities of the department.
- An alumni meeting was held on 24th February, 2018 (morning session) to discuss about the vision, mission and program educational objectives. The meeting was attended by Mr. B. K. Chetia (Alumnus, 1st batch), Prof. Arup K. Sharma (IITG), Dr. Bipul Talukdar (AEC) and other eminent alumni.
- An academia experts' meeting was held on 24th February, 2018 (afternoon session) for finalization of the vision, mission and program educational objectives of the department and was attended by Prof. Arup K. Sharma (IITG), Prof. Palash J. Hazarika (AEC) and Dr. Bipul Talukdar (AEC).
- An interaction session with the guardians was held on 3rd March, 2018 to discuss about the vision, mission and program educational objectives of the department and other academic issues.



FACULTY ACTIVITIES

- Dr. Atanu Kr. Dutta, Dr. Nayanmoni Chetia and Dr. Arup Bhattacharjee presented research articles in 13th International Conference on Vibration Problems held from 29th November to 2nd December, 2017 at IIT Guwahati.
- Prof. Prasanna Kr. Khaund, Dr. Atanu Kr. Dutta, Dr. Nayanmoni Chetia and Dr. Arup Bhattacharjee presented research articles in Indian Geotechnical Conference, GeoNEst, held from 14th to 16th December, 2017 at IIT Guwahati.
- Dr. Arup Bhattacharjee chaired the 4th Session on Ground Improvement Techniques in Indian Geotechnical Conference, GeoNEst, held from 14th to 16th December, 2017 at IIT Guwahati.
- Mr. Rituparna Goswami conducted a study on “A Detailed Modal Study on the Siltation Pattern at the Downstream of Porcupine Screening in a Tilting Type Sedimentation Channel” sponsored by NEQIP, AICTE.
- Prof. Prasanna Kr. Khaund visited as Co-ordinator STA for inspection of a bridge site at Aalo, Arunachal Pradesh under PMGSY in January, 2018.
- Prof. Prasanna Kr. Khaund attended a meeting on behalf of The Principal, JEC on “Good Governance” conducted by NPIU in January, 2018 at AICTE, New Delhi.
- Mr. Sulaem M. Laskar, Mr. Baharul Hussain and Mr. Koushik Kalita attended 5 days Faculty Induction Workshop held from 6th to 10th February, 2018 at IIT Kharagpur.
- Dr. Arup Bhattacharjee attended 2 days workshop titled “Outcome Based Education for Engineering Programs” as NBA coordinator, JEC held in 8th and 9th February, 2018 at AICTE, New Delhi.
- Prof. Prasanna Kr. Khaund and Dr. Nayanmoni Chetia attended NBA related training program held from 8th to 10th February, 2018 at Malnad College of Engineering, Hassan.
- Dr. Mrinal Kr. Dutta attended faculty development program titled “Management Capacity Enhancement Programme” held from 12th - 17th February, 2018 at IIM Udaipur.
- Dr. Nayanmoni Chetia published research articles titled “Experimental Study of Bamboo Reinforced Concrete beams having Various Frictional properties” in Materials Today, ELSEVIER Proceeding 5, pp. 436-444, February, 2018.
- Prof. Prasanna Kr. Khaund and Dr. Arup Bhattacharjee attended BOS meeting for UG Engineering courses held in 17th February and 23rd March, 2018 at ASTU, Guwahati.





Miscellaneous activities in the Department of Civil Engineering

STUDENT ACTIVITIES

- Mr. Saurav Dutta and Ms. Maitry Phukan of B.E. 4th semester were selected to attend the Annual Training Camp of Unit 51 ASSAM AIR(T) SQN NCC under GP Directorate NER, DTE Shillong, held from 27th January to 5th February, 2018 at NCC Academy Jorhat.
- Mr. Pritam Bhattacharyya, Mr. Avishek Goswami and Mr. Mousom Mrinmoy Kashyap of B.E. 6th semester participated in "Bridge Design, Fabrication and Testing Workshop" conducted by Skyfi Labs at IIT Guwahati.
- Mr. Arghyadeep Das of B.E. 4th semester was awarded with Distinction Performance in 2 days Project Based Training Program on Tall Buildings organized by Skyfi Labs in Jorhat Engineering College.
- Mr. Debashis Das, Ms. Sikhamoni Borah, Mr. Pranjoyoti Prodhani, Mr. Ankur Das, Mr. Dibya Jyoti Borah, Mr. Deepjyoti Nath, Mr. Akash Roy, Ms. Priyanka Saikia, Ms. Himakshi Saikia and Mr. Budhadev Mili of B.E. 8th Semester qualified in GATE 2018 held in February 2018.
- Mr. Sopun Borah of B.E. 8th semester participated in the oral presentation session at RECYCLE 2018 held from 22nd to 24th February, 2018 at IIT Guwahati.
- Mr. Sabyasachi Gogoi of B.E. 8th semester presented research article in NCRST-2018 under TEQIP-III held from 15th to 17th March, 2018 at ASTU, Guwahati.
- Ms. Seema Kumari of M.E. 4th semester was awarded 3rd prize on Poster Presentation in NCRST-2018 under TEQIP-III held from 15th to 17th March, 2018 at ASTU, Guwahati.
- Ms. Sutanuka Nath, Mr. Mriganka Borkotoky and Mr. Shamsuz Zaman of M.E. 4th semester presented research articles in NCRST-2018 under TEQIP-III held from 15th to 17th March, 2018 at ASTU, Guwahati.

