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
It gives me immense pleasure to announce that the Department of Civil Engineering of JEC is publishing the fourth issue volume 2 of Retrospect, the quarterly newsletter of CED. This issue reflects all the significant events that have taken place in the department from 1st October to 31st December, 2019. My best wishes to the advisor and editors of Retrospect for successful future publication of the newsletter.

Prof. Prasanna Kr. Khaund

Faculty members of Civil Eng. Dept. with experts from Malnad College of Engineering during SAR Review
DEPARTMENTAL ACTIVITIES

- On 19th October 2019, department conducted a laboratory cleaning drive to encourage the students and faculty members to commemorate the cleanliness as a state of clarity and precision for constructive vision.

- A scrutiny team consisting of Dr. H.S. Narashimhan and Mrs. Sumana Jayaparaksh from Malnad College of Engineering, Hassan, Karnataka, visited Civil Engineering Department of JEC to scrutinize the departmental SAR from 21st to 26th October 2019. All aspects of the SAR has been discussed and some valuable suggestions were put forward by the experts.

- A departmental meeting was held on 28th October to discuss and implement the suggestions given by the SAR scrutinizing team, Malnad College of Engineering, Hassan.

- The department conducted Class Test - III from 5th to 9th November 2019 as part of continuous internal evaluation process for B.E and B.Tech students.

- The departmental NC-DC list was submitted on 11th November, 2019 as a part of university norms.

- The department conducted Laboratory Exams from 19th to 21st November 2019 as part of end semester evaluation process for B. Tech 5th semester students.

- A departmental meeting was held on 27th November to discuss and scrutinize the completed SAR before its final submission.

- On 29th November, the Civil Engineering Department uploaded the complete SAR as a part of NBA accreditation process.

- On 8th December, there was a departmental meeting to discuss the road map for preparation of files for various criteria under NBA.

- A departmental meeting was held on 27th and 28th December to discuss matters related to preparation of different files for NBA accreditation process.
FACULTY ACTIVITIES

- Dr. Atanu Kumar Dutta published a review on the book “Once upon a life- A memoir” by Temsula Ao in the 91st edition of PRAKASH magazine.
- Dr. Atanu Kr. Dutta has been invited to conduct a training on “Disaster Management” for AEGCL’s employees on 23rd and 24th October 2019 at Hotel Heritage, Jorhat, Assam.
- Dr. Nayanmoni Chetia, Ms. Prasanty Borah, Ms. Marlina Gowalla, Mrs. Joba Goswami, Mrs. Abhigna Bhatt, Dr. Atanu Kr. Dutta and Dr. Mrinal Kr. Dutta has participated in the one day talk cum workshop on “Gender Sensitization and Women Empowerment” sponsored by TEQIP-III held on 16th October, 2019.
- A research article entitled “Experimental study on load settlement behaviors of small diameter timber piles under vertical loading” authored by Mr. Hitesh Kumar and Dr. Nayanmoni Chetia, has been published in the proceedings of Indian Geochemical Conference IGC-2019.
- A research article entitled “Study on Surface Soil Erosion of Bhogdoi River Basin Using GIS and Remote Sensing” authored by Ms. Merina Englengpi and Dr. Mrinal Kr. Dutta, has been published in the proceedings of Indian Geochemical Conference IGC-2019.
- A research paper entitled “Pushover Analysis of RCC Building Including 3D Soil Structure Interaction” authored by Mr. Halim Islam and Dr. Atanu Kr. Dutta, has been published in the proceedings of Indian Geotechnical Conference IGC-2019.
- A research paper entitled “Study on stability analysis of south bank of river Brahmaputra and its tributaries in the reach of Upper Assam” authored by Ms. Khagana Buragohain and Dr. P.K. Khaund has been published in the proceedings of Indian Geotechnical Conference IGC-2019.
- A research article titled “Effect of offset distance on tiered reinforced soil retaining wall subjected to dynamic excitation” authored by Ms. S. Saikia and Dr. Arup Bhattacharjee has been published in the proceedings of 3rd GeoMEast2019 International Congress and Exhibition, Egypt 2019 on sustainable Civil Infrastructures. The same paper has been published as a book chapter in “Innovative Infrastructure Solutions using Geosynthetics” by F. Tatsuokaa et al. Ed’s, Springer Civil Infrastructure.
- Dr. (Mrs.) N. Chetia presented a paper in 2nd international conference on smart village and rural development, COSVARD 2019, organized by University of Melbourne and Assam Engineering College at Administrative Staff College, Guwahati on 2nd and 3rd December 2019.
- Dr. (Mrs.) N. Chetia attended one week FDP on Quality and Quality engineering at Assam Engineering College from 3rd to 7th December 2019.
- Mr. Koushik Kalita attended a TEQIP-III sponsored short term course on “Double Bituminous Pavement-Theory and Practice” conducted by Department of Civil Engineering, IIT Guwahati from 9th to 13th December, 2019.
STUDENT ACTIVITIES


- Ms. Shreya Simanta Sarmah won the 3rd prize in a 2-minute film making competition organized by FotoKraft, JEC on 2nd November 2019. She also won the online photography competition in the female section. Ms. Sarmah is also one of the coordinator and social media manager of “Pulpyshot”, a JEC based startup focuses on bringing fresh juice to the customers.

- Mr. of BE 5th semester Ms. Lakshmishree Saikia and Ms. Shreya Simanta Sarmah of BE 3rd semester participated “PLANDEAVOUR” business plan competition conducted by the E-Cell in JEC in collaboration with Assam Start-Up Hub on 3rd November 2019 in Technovus 2019, JEC.

- Mr. Rahul Dutta of BE 7th semester won 2nd prize in the Film Making competition organized by FotoKraft JEC.