

# ◀ RETROSPECT



A quarterly newsletter of CED

Volume 2, Issue 1, March, 2019

## বিভাগীয় সঙ্গীত

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

উনৈচশ যাঠিৰ 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 প্রয়োগেৰে-  
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

It gives me immense pleasure to announce that the Department of Civil Engineering of JEC is publishing the first issue, volume 2 of Retrospect, the quarterly newsletter of CED. This issue reflects all the significant events taken place in the department from 1<sup>st</sup> January, 2019 to 31<sup>st</sup> March, 2019.

I wish my best wishes to the advisor and editors of Retrospect for successful future publication of the newsletter.



Prof. Prasanna Kr. Khaund



## Advisor:

Dr. Atanu Kr. Dutta  
Associate Professor, CED

## Editors:

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



### DEPARTMENTAL ACTIVITY

- A departmental meeting was held on 3<sup>rd</sup> January 2019 to discuss procurement of lab equipment under TEQIP-III.
- Another departmental meeting was held on 21<sup>st</sup> January 2019 to review the progress for NBA accreditation.
- A departmental farewell was given to Ms. Priyadarsini Sarma on 30<sup>th</sup> January 2019. Ms. Sarma has been placed in the PNRD Department, Govt. of Assam. All the faculties and staffs of Civil Engineering Department extend their wishes for her wellbeing and prosperity in future endeavor.
- 7<sup>th</sup> semester seminar and project viva was held on 4<sup>th</sup> and 5<sup>th</sup> February 2019.
- An Entrepreneurship Awareness Camp was held in 2 sessions from 14<sup>th</sup> to 16<sup>th</sup> February 2019 for BE 8<sup>th</sup> students and from 22<sup>nd</sup> to 24<sup>th</sup> for BE 6<sup>th</sup> semester students at Civil Engineering Department of JEC, sponsored by DST and implemented by EDII Centre of Excellence, Kaziranga University. Lighting of the lamp and inauguration of both the session were done by Prof. P.K. Khaund. Speakers for the camp were Dr. Braja Sundar Mishra, Mr. Agnimitra Biswas, Dr. P.G. Ramesh, Dr. Ashwini Sharma and Ms. Preeti Sarmah. Dr. Nayanmoni Chetia and Mr. Utpal Ray coordinated the event.
- A departmental meeting was held on 20<sup>th</sup> February 2019 to discuss CO-PO attainment calculation, alumni information collection and to finalize the rules for the remedial test, the road map for different departmental activities like gap analysis, outside interaction, short term courses for students, etc.
- First class test for BE 4<sup>th</sup>, 6<sup>th</sup> and 8<sup>th</sup> semester was conducted from 27<sup>th</sup> February to 5<sup>th</sup> March 2019.
- A departmental meeting was held on 4<sup>th</sup> March 2019 to discuss the progress for NBA accreditation. Few important decisions were taken regarding FSR and submission date of SAR.
- A departmental farewell was given on 23<sup>rd</sup> March 2019 to Mr. Parikshit Pathak and Ms. Poulomy Bhowmick. Mr. Pathak has been promoted to Junior Lab Instructor and transferred to Golaghat polytechnic, Forkating. On the other hand, Ms. Bhowmick has been placed in the APWD, Govt. of Assam. All the faculties and staffs of Civil Engineering Department extend their wishes to Ms. Bhowmick and Mr. Pathak for their wellbeing and prosperity in future endeavor.



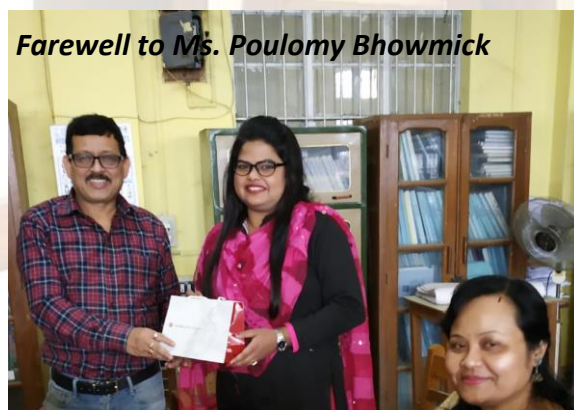
**Farewell to Ms. Priyadarsini Sarma**



**During Entrepreneurship Awareness Camp**



**Farewell to Mr. Parikshit Pathak**



**Farewell to Ms. Poulomy Bhowmick**



**First Class Test, Even semester, 2019**



### FACULTY ACTIVITY

- Prof. P.K. Khaund attended a workshop on “Environment Safeguard” as Environment Coordinator of JEC, on 11<sup>th</sup> January 2019, organized by NPIU, New Delhi under TEQIP-III at Shri Govindram Seksaria Institute of Technology & Science, Indore.
- Prof. P.K. Khaund presented a paper on “Erosion Control in River Brahmaputra & Its Tributaries, Upper Assam Reach” as a keynote speaker in the conference “Advances in Sustainable Civil Infrastructure Development (IWASCID-2019)” organized by Kaziranga University on 23<sup>rd</sup> January 2019.
- Dr. Nayanmoni Chetia presented a paper in the workshop cum training program on “Bamboo and Bamboo Based Composite for Engineering Applications” on 29<sup>th</sup> January 2019 organized by CSIR Advanced Research and Process Institute, Bhopal and RFRI Jorhat.
- Mr. Sulaem M. Laskar, Mr. B. Hussain, Mr. Koushik Kalita, Mr. Utpal Ray, Ms. Marlina Gowalla and Mr. Pranjal Sarma attended Mid Term Review Meeting of TEQIP III with World Bank and NPIU officials at GUIST, Guwahati on 15<sup>th</sup> February 2019.
- Dr. Atanu Kr. Dutta was invited for research proposal presentation at AICTE, New Delhi on “Seismic Vulnerability of Traditional Stilted Houses in Flood Planes of Assam” and presented the same on 28<sup>th</sup> February 2019.
- Dr. Atanu Kr. Dutta acted as a reviewer for ICAST, 2018 NIT Silchar.
- Dr. Atanu Kr. Dutta attended National Advisory Committee meeting of NICEE (National Information Centre for Earthquake Engineering), IITK on 6<sup>th</sup> March 2019. The committee reviewed the progress of NICEE during 2017-18.
- Prof. P.K. Khaund and Dr. Arup Bhattacharjee attended B.O.S meeting of ASTU on 6<sup>th</sup> March 2019, for finalizing U.G and P.G course structure of Civil Engineering.
- Dr. Nayanmoni Chetia was the resource person in FDP organized by EDII, Centre of excellence in Entrepreneurship and Innovation, under aegis and guidance of DST at Kaziranga University on 26<sup>th</sup> March 2019.
- Mr. Sulaem Musaddiq Laskar has defended his Ph.D. thesis on “Development of Ultra-Fine Slag Based Geopolymer Mortar and Concrete for Repairing and Strengthening of Reinforced Concrete Beams” on 28<sup>th</sup> March 2019. He is a Ph.D. student at IIT Guwahati.



**Prof. P.K. Khaund as keynote speaker at IWASCID-2019**



**Dr. A.K. Dutta at IITK attending a meeting of NICEE**



**Dr. N. Chetia presenting a paper in the workshop “Bamboo and Bamboo Based Composite for Engineering Applications”**



**Dr. N. Chetia during FDP at KU**



**Mr. S. M. Laskar with professors from different IITs**

### ACHIEVEMENTS AND ACTIVITIES OF STUDENTS

- Gautam Das, Mousom Mrinmoy Kashyap and Niranjan Kowar of BE 8<sup>th</sup> semester presented a technical paper on “Flood Proof House: An Alternative approach to conventional Housing Technology”, in ICID 2018 held on 21<sup>st</sup> and 22<sup>nd</sup> December 2018.



**Dr. A.K. Dutta, Gautam Das, Niranjan Kowar and Mousom Mrinmoy Kashyap during ICID2018**

\* The Editorial board of RETROSPECT regrets this inadvertent omission in the last issue.

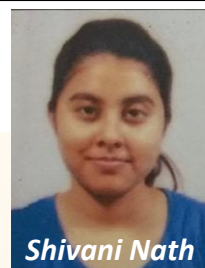


### ACHIEVEMENTS AND ACTIVITIES OF STUDENTS

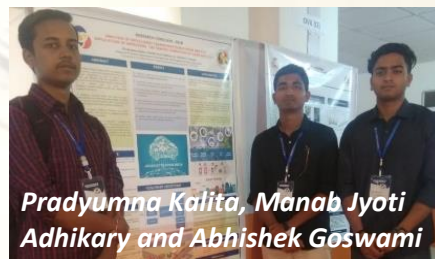
- Arunava Phukan of BE 4<sup>th</sup> semester attended combine annual training camp held at NCC Academy, Jorhat from 26<sup>th</sup> January to 6<sup>th</sup> February 2019.
- Abhishek Goswami and Manab Jyoti Adhikary of BE 4<sup>th</sup> semester attended Combined Annual Training Camp (CATC) organized by 51 Assam Air (Tech.) Squadron NCC, from 28<sup>th</sup> January to 6<sup>th</sup> February 2019 at N.C.C Academy, Jorhat.
- Shivani Nath of BE 4<sup>th</sup> semester won 1<sup>st</sup> prize in the event Twain'd, a poetry writing competition of TECHXOM 2019, under the aegis of ISTE, held on 9<sup>th</sup> February 2019 at Assam Engineering College.
- Rahul Dutta of BE 6<sup>th</sup> semester won 2<sup>nd</sup> prize, on national level photography competition organized by FLYCATCHERS on 10<sup>th</sup> February 2019 under the theme Unseen Happiness. Rahul Dutta also won best actor award in the Monologue Competition organized during Phoenix 2019.
- Pradyumna Kalita, Abhishek Goswami and Manab Jyoti Adhikary of BE 4<sup>th</sup> semester were selected for Poster and Oral Presentation at Research Conclave-2019, IITG, on 14<sup>th</sup>-17<sup>th</sup> March 2019, under the guidance of Mr. Koushik Kalita.
- Maitry Phukan and Sagarika Gogoi of BE 6<sup>th</sup> semester won 2<sup>nd</sup> prize in RAZMATAAZ, state level group dance competition, Phoenix on 20<sup>th</sup> March 2019.
- Bishal Mishra of BE 4<sup>th</sup> semester won 3<sup>rd</sup> prize in 400 meter Race competition organized during college week, 2019.
- Sidhartha Singkai of BE 8<sup>th</sup> semester won 1<sup>st</sup> prize in boys 100, 200, 400, 800 and 1600 meter Race competition, 2<sup>nd</sup> prize in Long jump competition, 2<sup>nd</sup> prize in Discus Throw competition and 3<sup>rd</sup> prize in Javelin Throw competition organized during college week, 2019. He also won the Best Athlete (Male) award in the same.
- Manasi Gohain of BE 8<sup>th</sup> semester won 2<sup>nd</sup> prize in Shot Puts (Female) competition organized during college week 2019.
- Sasanka Sarma of BE 4<sup>th</sup> semester won 3<sup>rd</sup> prize in Boys 100, 800 and 1600 meter Race competition, 2<sup>nd</sup> prize in Boys Shot Put competition organized during college week, 2019.
- Civil Engineering Department of JEC, congratulates following GATE-2019 qualified students- Nilakshi Das, Bhaskar Jyoti Pegu, Arif Ahmed, Rajdeep Kalita, Niraj Upadhyaya, Mousom Mrinmoy Kashyap, Violina Das and Bornashree Khersa.



Arunava Phukan



Shivani Nath



Pradyumna Kalita, Manab Jyoti Adhikary and Abhishek Goswami



Sasanka Sarma



Rahul Dutta



Maitry Phukan and Sagarika Gogoi during dance competition, RAZMATAAZ



Bishal Mishra



Sidhartha Singkai



Manasi Gohain



Nilakshi Das



Bhaskar Jyoti Pegu



Arif Ahmed



Rajdeep kalita



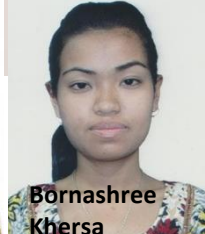
Niraj Upadhyaya



Mousom Mrinmoy Kashyap



Violina Das



Bornashree Khersa