

**A report on  
International Conference on  
Infrastructure Development (ICID-  
2018) 21-22<sup>nd</sup> December, 2018 at  
Jorhat Engineering College**

**TEQIP Funding : 11,80,447.00**

- Dept of Civil Engineering, Jorhat Engineering College and Civil Engineering Dept of Malnad College of Engineering, Hassan, Karnataka organized a 2-day International Conference on Infrastructure Development(ICID-2018) during 21-22<sup>nd</sup> December, 2018.
- The conference organized in the premises of Jorhat Engineering College, witnessed participation of 9 keynote speakers of international repute and 45 technical presentations spread over 9 technical sessions.

# INAGURAL SESSION

A souvenir and book of abstract was published on this occasion. The souvenir gave brief introduction of the Department of Civil Engineering, Jorhat Engg College and Jorhat town emphasising on the history and development of these.



- Prof Dhirendra Nath Buragohain, Retd. Director IIT Guwahati, and currently Prof Emeritus, Dept of Civil Engineering, IIT Guwahati, graced the occasion as the chief guest.
- Dr. Subodh Kalita, Director-in-charge, CSIR NEIST, Jorhat stressed on the use of locally available materials in construction.
- Er. Bhaskar Jyoti Phukan, Technical Director, NRL said that to change the process of development, the students should inculcate the habit of challenging each and every process and stressed on collaboration for growth.
- Prof Jayantha, Principal Malnad College of Engineering, stressed upon role of civil engineering in shelter and connectivity



## KEY NOTE SESSIONS

The keynote session started with Prof Taiichi Hayachi from Professor Center for South East Asia Studies, Kyoto University, Japan presenting a review of studies of meteorological disasters in the North-East India.



Prof. Hemanta Hazarika, Professor Kyushu University, Japan talked about the approach of artificial intelligence for modeling



## KEY NOTE SESSIONS

Prof STG Raghu Kanth, IIT Madras dwelt on ground motion simulations in North-East India citing interesting examples from *buranjis* of Assam.



Dr. Hemanta Doloi, University of Melbourne elucidated on opportunities and challenges in infrastructure development with examples.



**A technical presentation by Mr. Himanshu Agrawal, Senior Vice President, International market Zydex also enlightened the delegates with possible use of nanotechnology for road protection.**



- In the afternoon session of the first day, 5 parallel technical sessions saw 26 numbers of technical presentations of research papers.**
- An interaction of representatives of Indian and foreign universities and representative from industry was organized with faculty of civil engineering dept Jorhat Engineering College for possible research collaboration.**
- A cultural evening showcasing the cultural heritage of Assam was held in the conference venue.**





# Various events of first Day







**The afternoon saw 4 parallel technical sessions chaired by experts in different fields. More than 19 technical papers were presented by delegates from various institutes across the country. The conference ended with a valedictory function.**

# OUTCOME OF INDUSTRY ACADEMIA COLLABORATION



- A meeting was held in between the keynote speakers (experts from reputed organizations) and the faculty members of Civil Engineering Department on 21.12.2018 (first day of ICID 2018 after the lunch) at Professors Conference room to discuss about the research collaborations.

- Prof. S.T.G Raghukant Professor of Civil Engineering Department, IITM and Prof. Arup Kr. Sarmah, Professor of Civil Engineering, IITG committed to take students of Civil Engineering of Jorhat Engineering College for summer internships. They are also showed interest in collaborated research with faculty members of Jorhat Engineering College.
- Dr. Hemanta Doloi, Sr. Lecturer, University of Melbourne, Australia showed interest on starting collaborative project on capacity building for students and engineers from Govt. departments. In continuation of the meeting another meeting was held at Department of Civil Engineering with Dr. Doloi on 24.01.2019 to discuss various issues before preparation of the said project.
- Mr. Himanshu Agarwal, VP, Zydex Industries Ltd. promised to provide necessary help for the student projects in the field of ground improvement.



- Prof. Hemanta Hazarika , Professor, Kyosho University, Japan promised to guide the faculty members of Civil Engineering Department in preparation of research projects and act as mentor for that projects.
- Prof. Taiichi Hayashi, Prof. Kyoto University, Japan also showed interest for research collaboration in the field of watershed management of North Eastern Region.