

About the Department

The Department of Civil Engineering started its journey in 1977. Ever since the inception, it has been imparting quality education to under graduate students. The Department presently fosters five PG courses. A good number of research scholars are carrying out research in various fields. There are about a dozen laboratories with various research and testing facilities. Recently the department has set up one centralised facility on Testing and Consultancy which is under the process of getting NABL accreditation. The faculty consists of eminent specialists from diverse fields and there is commendable research ambience in the Department. All the faculties are involved with various types consultancy, research and development works along with administrative activities of the institute. The Department has produced many renowned technocrats who are serving our country as well as other countries..

Who can participate

B. Tech, M. Tech and Ph. D students of all the eight NITs in the NE region can participate in this programme. There will be a nominal entry fee of Rs. 500.00 per participant. It will be tried to reimburse bus/train tickets (maximum 3rd A.C.) to the five participants per Institute on first come first serve basis. They will be provided free accommodation in the Institute Guest House. Other participants have to bear their own expenses.

Important dates

Last date for Submission of extended abstract for paper and poster	30-04-2018
Intimation of acceptance of extended abstract	02-05-2018

Organising Committee

Chief Patron : Prof. Sivaji Bandyopadhyay
Director, NIT Silchar

Patron : Dr. U. Kumar,
HOD, CE Deptt., NIT Silchar

Chair Person: Prof. Ashim Kanti Dey,
NIT Silchar

Co-Chair Persons:

1. Prof. S. K. Pal, NIT Agartala
2. Dr. Amit Kumar Das, NIT Sikkim
3. Dr. Rajib Saha, NIT Agartala
4. Dr. Sanjay Paul, NIT Agartala
5. Dr. Bijayananda, Mohanty, NIT Mizoram
6. Dr Smrutireka Sahoo, NIT Meghalaya

Conveners: Dr. Debjit Bhowmik, NIT Silchar
Dr. Monowar Hussain, NIT Silchar
Dr. Arjun Sil, NIT Silchar
Mrs. Parbin Sultana, NIT Silchar
Mrs. Nirmali Barthakur, NIT Silchar

Registration : 9.00 A.M. on 13-05-2018

Venue : Conference Room, NITS Guest House
Silchar – 10

Contact details

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First
NE Inter NIT
GEOTECHNICAL STUDENTS MEET
13 - 14 MAY, 2018

Sponsored by

TEQIP III

Organised By



Silchar Chapter

Silchar Chapter
Indian Geotechnical Society

and



Geotechnical Engineering Division
Civil Engineering Department
National Institute of Technology Silchar

About the Programme

It is proposed to conduct a two day North East Inter NIT Geotechnical Students meet to initiate a feeling of brotherhood among geotechnical students in all the eight National Institute of Technologies in the North East. NIT Silchar, the oldest in this group has taken this initiative to unite the other NITs with a hope that the union will provide a forum for sharing of ideas, presentation of research findings and discussion of professional issues relevant to the overall growth of this region. The main objective for this activity is to disseminate knowledge and utilise the laboratory facilities available in these institutions. It will be beneficial to individual faculty as well as students in case joint collaborative research projects or consultancy projects can be undertaken. Since the NE region is geotechnically unstable due to regular landslides, sinking of roads, soil erosion, river bank slides, etc there is an immense potential of research and consultancy activities in this region. Probably we can develop new theories and new concepts to solve the natural problems in our states. A joint collaboration will enhance the knowledge and working potential. The other aim of the programme is to promote student activities in the field of geotechnical research. With an association of all the NITs the area of research will increase manifold and students will find a diversified area for choosing their research problems.

With this background the programme is divided into three parts :

1. *Paper presentation*
2. *Poster presentation*
3. *Physical model construction.*

To make the programme attractive and lively it is proposed to hold competition among the participants for all the three sub-programmes. It is also proposed that the sub-theme lectures will be

delivered by the faculty of these NITs so that they can promote their research activities

Field engineers of this region will also be invited in the programme so that they are also exposed to the research activities being carried out in the NITs and share their knowledge on the field problems and solutions.

Subthemes for paper and poster presentations:

1. Soil investigations and soil properties
2. Ground improvement techniques
3. Shallow and deep foundations
4. Geotechnical Earthquake Engineering
5. Numerical modelling
6. Landslides and other case studies
7. Geoenvironmental Engineering
8. Use of geosynthetics

Subthemes for model construction:

1. Mechanically stabilised earth wall
2. Footings on very soft clay

The programme will start with an inaugural session followed by three keynote speeches to be delivered by :

1. Prof. S. R. Gandhi, Director, SV NIT Surat
2. Prof. G L Shvakumar Babu, President, IGS
3. Prof J. T. Sahu, Hon. Secretary, IGS

There will be eight keynote speeches for the eight technical sessions as mentioned above. The keynote speeches will be delivered by the following experts :

1. Dr. S. K. Pal, NIT Agartala
2. Dr. Sanjay Paul, NIT Agartala
3. Dr. Rajiv Saha, NIT Agartala
4. Dr. Bijayananda, Mohanty, NIT Mizoram
5. Dr Smrutireka Sahoo, NIT Meghalaya
6. Dr. Amit Kumar Das, NIT Sikkim
7. Dr. Manowar Hussain, NIT Silchar
8. Dr. Debjit Bhowmik, NIT Silchar

About Silchar Chapter of Indian Geotechnical Society

The Silchar local chapter of the Indian Geotechnical Society (IGS) started its journey as 42nd chapter of IGS on 14th May, 2017 with blessings of Prof. G.L. Shivakumar Babu, President of IGS. The office of the chapter is housed in NIT Silchar, a premier Technical Institute in this region. The chapter had organised a two day National Conference on Recent Advancement in Geotechnical Investigations and Ground Improvement Techniques on 14 – 15 May, 2017. A good number of geotechnical experts from IITs, IISc, NITs, AEC and manufacturing industries were invited to deliver the keynote speeches. The conference was attended by a large number of students, academicians and field engineers. The chapter also conducted one day Seminar on 9th September, 2017 on “Geotechnical problems in Southern Assam - causes and remedies” jointly with the Institute of Engineers (I), Silchar Local Chapter.

About the Institute

National Institute of Technology was established in 1967 as a Regional Engineering College in Assam. In 2002, it was upgraded to the status of National Institute of Technology and was declared as an Institute of National Importance. At present the institute has eleven (11) departments covering all the major branches of engineering, science, management and humanities disciplines offering B.Tech, M.Tech, MSc, MBA and PhD programs in various fields of specialization. The mission of the Institute is "to train and transform young men and women into responsible thinking engineers, technologists and scientists, to motivate them to attain professional excellence and to inspire them to proactively engage themselves for the betterment of the society"