

# **Dr. B.R. AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY**

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## **DEPARTMENT OF CIVIL ENGINEERING**

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### **One Day Workshop on 'Issues and Challenges in Geotechnical and Geo-environmental Engineering' held at NIT Jalandhar**

#### **Report**

A One Day Workshop on 'Issues and Challenges in Geotechnical and Geo-environmental Engineering' were recently held at NIT Jalandhar (8<sup>th</sup> February 2020). The workshop, sponsored under TEQIP-III, was organized by the Department of Civil Engineering under the aegis of the newly incepted Jalandhar Chapter of the Indian Geotechnical Society.

Prof. G.L. Sivakumar Babu (IISc Bangalore), President of the Indian Geotechnical Society, New Delhi was the Chief Guest. Prof. Lalit Kumar Awasthi, Director, NIT Jalandhar; Prof. M.N. Viladkar, Emeritus Fellow and Prof. N.K. Samadhiya, Department of Civil Engineering, IIT Roorkee were the Guests of Honour.

The chapter and the workshop were inaugurated by lighting the traditional lamps at the hands of the Chief Guest and Guests of Honour; and other dignitaries followed by *Saraswati Vandana*.

Prof. A.K. Agnihotri, Chairman of the IGS Jalandhar Chapter welcomed the dignitaries and the participants; and elaborated on the need of conducting the workshop.

Prof. Sivakumar Babu in his inaugural speech expressed happiness for organizing such workshop as the mark of the opening of the 48<sup>th</sup> chapter of IGS in the country. He hoped that conduction of various activities at local level and at regular intervals will strengthen the activities of the IGS and will provide the platform for the academicians, researchers and field professionals to share the ideas, knowledge and latest developments in the field of Geotechnical Geo-environmental Engineering.

Prof. L.K. Awasthi while taking the review of the progress that the Institute has done in last three years appreciated the contribution of the faculty members of the Department of Civil Engineering in the development of the Institute in general and congratulated Prof. A.K. Agnihotri in taking initiative in conducting such programmes through the local chapter of the IGS with the help of the academicians and professionals working in other Institutes and Organizations in the nearby vicinity.

Prof. M.N. Viladkar and Prof. N.K. Samadhiya also appreciated the organizers for conducting the workshop and hoped that the NIT Jalandhar would strive hard in making the platform available through such events to the geotechnical engineers, academicians and researchers to disseminate the latest developments in this area.

Dr. Hemant Chore, Secretary of the Chapter, proposed vote of thanks. Prof. R.K. Garg, Dean (Faculty Welfare), Prof. A. Mukhopadhyay, Dean (Academics), Prof. S.P. Singh, Head (Civil), Prof. A.

P. Singh (Civil) Prof. Ajay Bansal, Head (Biotechnology), and Dr. Rakesh Kumar, Associate Dean (Exams) were also present on this occasion.

Following inaugural ceremony, the workshop began. Prof. M.N. Viladkar (IIT Roorkee) was the speaker. The topic of his lecture was: Geotechnical Challenges: Practices and Some Innovations. He spoke on the practices and the latest innovations in the field of geotechnical engineering; and also dwelt on the challenges in this field.

Prof. N. K. Samadhiya (IIT Roorkee) was the speaker for the second session. The title of his presentation was: Multi-plate Anchors in Sand. Pursuant to the theme, he discussed the relevance of the anchors in sand and various developments in this context.

Prof. G.L. Sivakumar Babu (IISc Bangalore) was the speaker for the last session. He spoke on the municipal solid Waste and explained the role of their characterization in the design of the landfill. He also dwelt on the rehabilitation of waste Dumps.

Dr. Kanish Kapoor, Convener of the Workshop, proposed vote of thanks following the conclusion of the workshop.



*Participants along with the dignitaries on the occasion of the Workshop*

The academicians, P.G. Students and the Research Scholars NIT Jalandhar, Lovely Professional University, DAV Institute of Engineering and Technology, DAV University and IKG Punjab Technical University apart from the field professionals from few Government Organizations were also present on this occasion in large numbers.

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