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## Indian Institute of Technology Indore

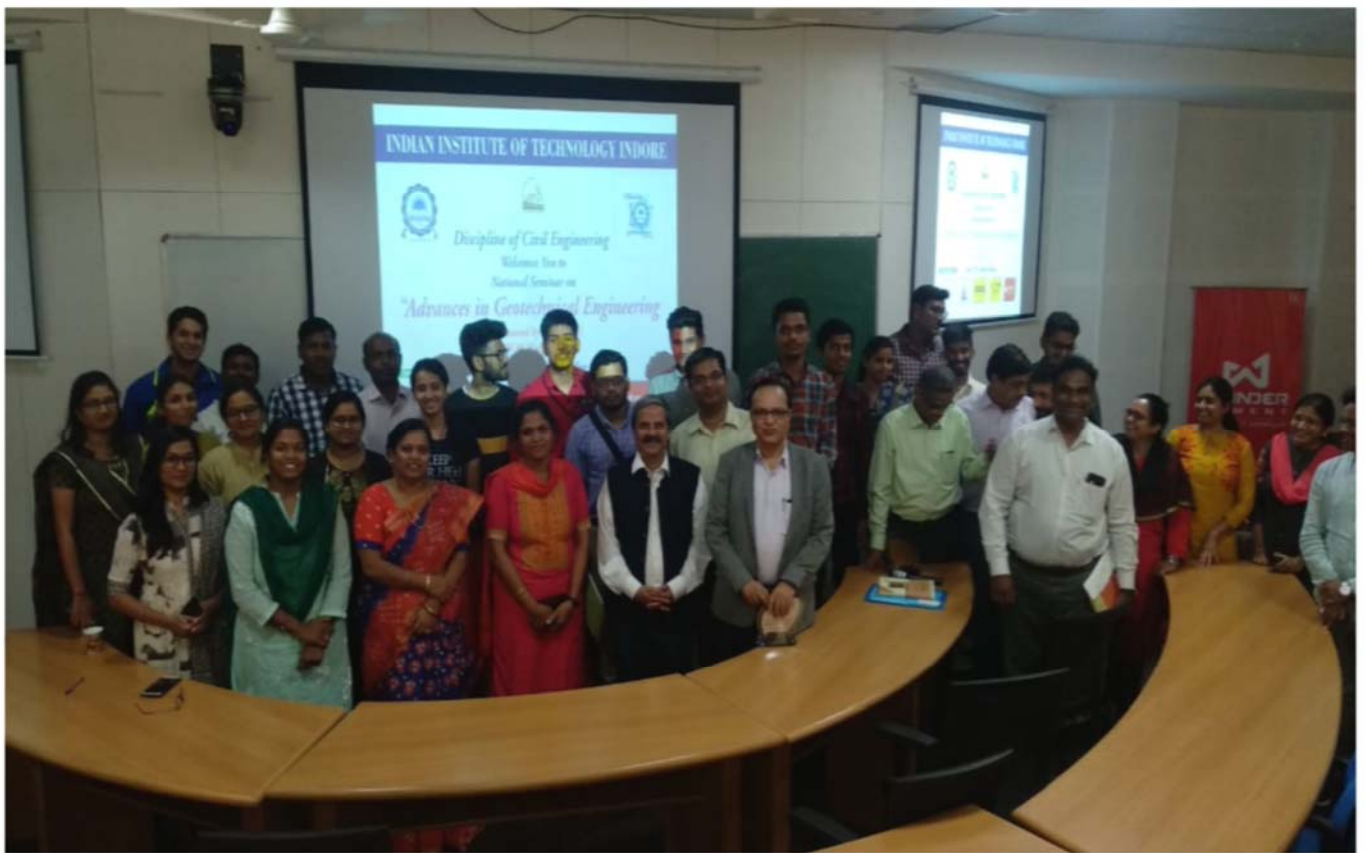
### TEQIP-III Sponsored Short term course on Advances in Geotechnical Engineering (29-30 March 2019)

#### Course Coordinator

**Dr. Neelima Satyam D**

**Discipline of Civil Engineering**

**INDIAN INSTITUTE OF TECHNOLOGY INDORE**





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National Seminar on Advances in Geotechnical Engineering organized by the discipline of Civil Engineering, Indian Institute of technology on 29th – 30th March 2019. The seminar started with the objective of the national seminar and welcoming the delegates from different states of India by Dr. Neelima Satyam, Associate professor IIT Indore.

Prof. K S Rao, Professor IIT Delhi delivered the presidential address wherein he stressed on the challenges faced during the construction of Chenab bridge. He also explained the various legal processes required to handle for the approval of the project. Dr. Neelima Satyam, Associate professor IIT Indore delivered the talk on Landslide predication and Monitoring of Chibo Pashyar, Kalimpong, wherein she explains the various data acquisition challenges faced by geotechnical engineers during the landslide research. She presented the various model developed by her research team for landslide analysis. Prof. D N Singh, Professor IIT Bombay delivered his talk on “Bio-Geo Interface” wherein he presented the microstructural analysis of soil and bio remediations methods for the soil stabilization.

*Keynote speaker for the 2nd day of national seminar Prof. GL Sivakumar Babu, Professor IISc Bengaluru delivered his talk on “Geosynthetics in pavements – reflections on pavement design.” He stressed on the pavement design should be based on the performance-based design. Another speaker Prof. S K Prasad, Professor, SJCE Mysore University deliver his talk on “Liquification effects”. He stressed on the various methods of liquification assessment and remediation to take to mitigate the effect. Dr. Tejaskumar Thaker presented his talk on “Seismic Hazard Assessment and microzonation studies”, he share various technique for the microzonation.*

*The two day national seminar summaries with the certificate distribution to all the participant.*



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## Group Photo of Participants





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