

One day workshop on “**Current Trends and Innovations in the Industry – Metro Construction and Underground Tunnels**” under Industry-Institute-Interaction program was organized by Department of Civil Engineering for the undergraduate, postgraduate and PhD students of Civil Engineering Department on 05<sup>th</sup> May 2018. The experts Mr. Ram Gopal Saini (Director and Founder, Mega Metro Engineering Private Limited) and Mr. Sushil Kumar Gupta (Director and Co-founder, Mega Metro Engineering Private Limited), New Delhi were invited for the expert sessions. The workshop was chaired by Prof. A.K. Agnihotri, Head of the Department, Civil Engineering Department and coordinated by Dr. Senthil Kasilingam and Dr. S. Rupali.

Prof. A.K. Agnihotri and the experts inaugurated the workshop by lighting the lamp at the dias.

The experts covered the relevant and important topics including metro construction, basics of tunnelling e.g. NATM (New Austrian Tunneling Method) and TBM (Tunnel Boring Machine). They also discussed the challenging case studies from Metro construction in Delhi. The experts also elaborated on the managerial aspects required for planning and executing the projects involving construction of metro stations.

The participation from the students was overwhelming. Over 220 students from undergraduate, masters and Ph.D. program and, faculty members of the department attended the workshop. From the workshop, the students were to relate the theoretical knowledge with the real life problems. During question answer session, brainstorming discussion took place exposing students to more aspects of the engineering in metro construction.

Experts were pleased to deliver lecture in the Institute and they found the whole environment receptive to the practical knowledge. The experts also appreciated the hospitality of the institute.

Dr. Rupali delivered the vote of thanks at the conclusion of the workshop. Dr. Rupali expressed sincere thanks to Director, Dr. BR Ambedkar National Institute of Technology Jalandhar, without whose permission, the workshop would not have been possible. Coordinators expressed their gratitude to Prof. A K Agnihotri, Prof. AP Singh (TEQIP Co-ordinator) and TEQIP team, Prof. SP Singh (Dean, Planning and Development), the student volunteers and fellow faculty members.

All in all, the student workshop under the Industry Institute Interaction cell was a huge success for the students, department and the institute.





