

## Indian Geo-Technical Society Diamond Jubilee 2023

On the behalf of Diamond Jubilee of Indian Geotechnical Society (IGS) , MIT World peace University Pune had organized MAHAFEST 2023:-Tunneling and underground construction dated on 12<sup>th</sup> & 13<sup>th</sup> September 2023. Various Technical events like Poster Presentation , Technical Quiz Competition, Peak and Speak had conducted to enhances technical skill and knowledge in Tunnel Engineering followed by guest lectures of well-known personalities in Tunnel Engineering Industries. Third year and final year B.tech students from Sardar Patel College of Engineering named Vinod Patil, Shubham Thakare, Parth Birajdar, Ishwar Nimbhore, Rajshri Patil, Charuta Pharande attained guest lectures as well as participated technical competitions.



On the first day of the MAHAFEST 2023, 12<sup>th</sup> September 2023, starting with inaugural function, the guest are warmly welcomed. Technical Sessions of available speaker Shri Sanjay Gupta (Konkan Railway Corporation Limited), Er. Atul Gadgil, (Pune Mahametro) and Er. Vidyadhar Vengurlekar had arranged in auditorium. The different challenges in on-going construction project in actual practice are much more complicated and the tackle it with the application of appropriate solution using case-study are discussed there.

On the second day 13<sup>th</sup> September 2023, Underground tunneling experts Dr. Ashish Juneja from IIT Bombay delivered & discussed case-study and scope of Geo-technical Engineers in the upcoming days for underground construction projects. Er. Pranali Dhamaskar from BMC talked on the live project of underground sewer line project near Bandra in which tunneling has done below 10 m form the ground level using small sized tunnel boring machine. She shared her experience with students with her team members on job site with threshold challenges i.e. she faced.

The students from different institutes participated in various competition. 30 teams for poster competitions, 25 participants for peak and speak and 35 teams for technical quiz had participated in the respective competitions. Third year B.Tech students participated in the Poster Presentation competitions on the subject of Methods of tunneling. Final year B.Tech students made the poster on “Tunnel Ventilation” and presented before 4 judge panel. B.Tech final year student Ishwar Nimbhore participated in Peak and Speak. The 3 teams of 2 students each participated in technical Quiz. During Discussion with judges, they suggest some modifications in the ideas brought by the students. At the end of the day, Prize distribution ceremony had conducted. Engineering College Islampur got First Prize in Poster Competition followed by second prize to MIT students in all three competitions. The two day event was really good and beneficial for the students to enhance and upgrade their capabilities, skill, knowledge and future scope in tunneling.

