ISSMGE FOUNDATION
REPORT ON CONFERENCE ATTENDANCE

Your Name: *Aman Garg*	***Your organization:*** *Indian Institute of Technology Roorkee*	***Date of report:*** *31/08/2026*
Conference Title: *4th International Conference on Geotechnical Engineering (ICGE Colombo 2026)*	***Location of Conference:*** *Cinnamon Grand Colombo, Sri Lanka*	***Dates of Conference:*** *24th-25th August 2026*
What you learned: *Participation in the Conference provided valuable exposure to recent advancements and emerging trends in geotechnical engineering. I gained insights into advanced numerical and experimental techniques, soil–structure interaction, foundation engineering, ground improvement, seismic geotechnics, and sustainable engineering practices. Presenting my research on combined piled raft foundation systems provided an opportunity to receive constructive feedback from experts and researchers, which helped me identify potential research gaps and improve my research approach. The conference also enhanced my technical knowledge, academic networking, and understanding of practical engineering applications, motivating me to pursue innovative and socially relevant geotechnical research.*		
People you met: *Eng. K. L. S. Sahabandu* *Dr. Anil Joseph* *Prof. Gopal Madabhushi* *Prof. Buddhima Indraratna* *Dr. Richard Kelly* *Prof. A. Murali Krishna* *Prof. Nadeej Priyankara*		
Main features of conference: *The 4th International Conference on Geotechnical Engineering (ICGE Colombo 2026), themed "Resilient Geotechnics for a Sustainable Future," brought together researchers, academicians, engineers, and professionals to discuss recent developments in geotechnical engineering. The conference featured keynote, thematic, state-of-practice lecture, bright spark lecture and technical paper presentations covering transportation geotechnics, geotechnical modelling and AI, experimental investigations, natural-disaster resilience, ground improvement, environmental and energy geotechnics, problematic soils, stabilization, and sustainable materials. Interactive Q&A sessions facilitated technical discussions and knowledge exchange. The conference provided valuable opportunities for research dissemination, professional networking, and learning about innovative, sustainable, and resilient solutions to contemporary geotechnical engineering challenges.*		
Your comments on the conference: *It was a great privilege to participate in the prestigious 4th International Conference on Geotechnical Engineering (ICGE Colombo 2026), Colombo, Sri*		

Lanka. The conference was highly informative and enriching, providing valuable exposure to recent advancements in geotechnical engineering. The technical presentations and expert lectures enhanced my understanding of innovative research approaches and practical applications. The opportunity to present my research, receive expert feedback, and interact with researchers from different institutions made the conference particularly valuable for my academic and professional development.

Please attach short report (maximum 400 words) suitable for publication in the ISSMGE Bulletin:

The 4th International Conference on Geotechnical Engineering (ICGE Colombo 2026) was held on 24–25 August 2026 at Cinnamon Grand, Colombo, Sri Lanka, under the theme "Resilient Geotechnics for a Sustainable Future." The conference brought together researchers, academics, practising engineers, and geotechnical professionals to exchange knowledge and discuss recent advances in geotechnical engineering.

The conference featured distinguished keynote, thematic, state-of-practice, and technical lectures covering a wide range of contemporary topics, including transportation geotechnics, geotechnical modelling and artificial intelligence, experimental investigations, natural-disaster resilience, ground improvement, environmental and energy geotechnics, problematic soils, soil stabilization, and sustainable materials. The programme also provided dedicated question-and-answer sessions, facilitating interaction and technical discussions among participants.

*I had the opportunity to present my research work entitled "**Numerical Investigation on the Feasibility of Combined Pile Raft Foundations Compared to Pile Foundations**," co-authored with **Prof. Vishwas A. Sawant**, **Department of Civil Engineering, IIT Roorkee**. The study employed three-dimensional finite element analysis using PLAXIS 3D to compare the vertical load-carrying capacity of Combined Pile-Raft Foundations (CPRF) and conventional Pile Foundations (PF). The results demonstrated that CPRF can provide substantially higher vertical load-carrying capacity, with improvements of more than 100%, depending on pile geometry and spacing.*

Participation in ICGE Colombo 2026 provided valuable exposure to emerging research, innovative methodologies, and practical developments in geotechnical engineering. The conference also offered an excellent opportunity to receive expert feedback, exchange ideas with researchers, and establish professional connections that will contribute to my future research.

I sincerely acknowledge the ISSMGE Foundation for providing financial support that enabled me to attend and present my research at ICGE Colombo 2026. I am grateful for this support, which contributed significantly to my academic and professional development.

Photographs from Conference: Insert here or attach to email



Me (Aman Garg on left) with Indian Delegates specially Prof. A. Murali Krishna at conference Venue



Me presenting my paper



Me getting certificate