

Goa Engineering College & IGS Goa Chapter

The 8th Dr. Victor de Mello Goa Lecture, Dr. Victor de Mello Centenary Symposium & Symposium on Landslides in Tropical Soils



8th Dr. Victor de Mello Goa Lecture

Chenab Bridge - The Arch of Ambience: Advanced Geotechnical Strategies and Sustainable Foundation Design

Prof. T G Sitharam, FNAE, FASCE, FICE (UK), D.Sc.

Professor, IISc, Bengaluru;

Chairman, BOG, NIFTEM-T, Thanjavur;

Former Chairman AICTE & Former Director IIT Guwahati

Centenary Symposium Lecture

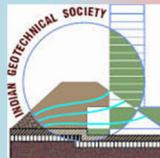
The Third Alternative – Geosynthetic Reinforced Foundation Beds

Prof. MR Madhav, Ph. D., D. Sc., FNAE

Honorary Professor IIT Hyderabad

14th-15th May 2026, Goa

ORGANIZED BY



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Goa Engineering College, Farmagudi

Founded in 1967, Goa College of Engineering is the oldest engineering college in Goa, located in picturesque and serene environment on hillock of Farmagudi, covering 268 acres of land. The College is approved by AICTE and is affiliated to Goa University. Institute conducts eight four-year degree courses viz. Civil, Mechanical, Electrical & Electronics, Electronics & Telecommunications, Computer, Information Technology, VLSI and Mining Engineering. In addition institute conducts M.E. courses in various disciplines and is a Research Centre of Goa University for Ph D in Civil, Mechanical, Electrical & Electronics and Electronics & Telecommunication Engineering. For more details visit www.gec.ac.in

Indian Geotechnical Society Goa Chapter

Goa Chapter of Indian Geotechnical Society was established on 28th October 2016 and is the 41st Chapter of the Indian Geotechnical Society. Since inception, IGS Goa Chapter was pioneer in starting Dr. Victor de Mello Goa Lecture, Dr. N V Nayak Memorial Lecture, Symposium on Women in Geotechnics and Symposium on TC-107 in India.

The 8th Dr. Victor de Mello Goa Lecture & Dr. Victor de Mello Birth Centenary Symposium

Dr. Victor Froilano Bachmann de Mello was born in Panaji - Goa on 14th May 1926. This year we are celebrating his birth centenary. To commemorate this prestigious event, IGS Goa Chapter is organizing Dr. Victor de Mello Birth Centenary Symposium on 14th May 2026 along with the 8th prestigious Dr. Victor de Mello Goa Lecture. IGS Goa Chapter initiated this prestigious Dr. Victor de Mello Goa Lecture in 2017, to be delivered by an eminent engineer of international repute. The first lecture was delivered by Prof M R Madhav (2017). The subsequent lectures were delivered by Er. Luiz Guilherme de Mello (2018), Prof. Pedro Seco e Pinto (2019), Prof A Balasubramaniam (2021), Prof. Roger Frank (2023), Prof. K S Rao (2023) and Prof. G L Sivakumar Babu (2025). These lectures are also published in the International Journal of Soils and Rocks published by Brazilian and Portuguese Geotechnical Societies and Dr Victor de Mello website <https://victorfbdemello.com.br/>. The 8th Dr. Victor de Mello Goa Lecture will be delivered by Prof. T G Sitharam, Chairman, BOG, NIFTEM-T, Thanjavur, Tamil Nadu (an Institution of National Importance); Professor, Indian Institute of Science, Bengaluru; Honorary Professor, Indian Institute of Technology

Guwahati, Assam; and, Visiting Professor, IIT Patna, Former Chairman, All India Council for Technical Education (AICTE), Govt of India and Former Director, Indian Institute of Technology Guwahati on the topic **Chenab Bridge -The Arch of Ambience: Advanced Geotechnical Strategies and Sustainable Foundation Design** on 14th May 2026 at 12.00 noon (Hybrid mode).

ISSMGE TC-107 Symposium on Landslides

In India, landslides in tropical soils are a prevalent natural hazard, affecting the Western Ghats and Nilgiri Hills in particular, featuring the deep, highly weathered tropical lateritic soils and saprolites, which are highly susceptible to saturation and instability during the intense Southwest Monsoon. ISSMGE TC-107 Symposium on Landslides in Tropical Soils is organized on 15th May 2026. Prof. Neelima Satyam, Institute Chair Professor, IIT Indore and member Natural Slopes and Landslides and LARAM Scientific Committee Member will deliver the Symposium theme talk along with other Symposium lectures.

8th Dr. Victor de Mello Goa Lecture & Symposium Speakers



Prof. T G Sitharam



Prof. M R Madhav



Er. Luiz de Mello



Dr. Anil Joseph



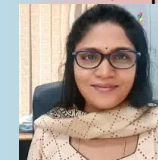
Prof. Schnaid



Dr. Bilfinger



Dr. K Balan



Prof. Neelima Satyam



Dr. Shivashankar



Prof. Purnanand Savoikar



Dr. Jayamohan



Dr. Sajinkumar



Dr. Rohan Deshmukh

Dr. Victor F. B. de Mello



Dr. Victor Froilano Bachmann de Mello was born in Panaji - Goa on 14th May 1926. After his schooling in India, Victor proceeded to MIT, Cambridge, USA and obtained his BSc degree in June 1946, MSc in September 1946 and D. Sc. in 1947 from the same institute.

After his research work in MIT, he proceeded to Brazil where he worked in different capacities from 1951 to 1967 as Chief Design Engineer, Technical Director and Superintending Director of Geotécnica, Inc., which was the largest company in consulting and special services in geotechnical engineering. He also operated as consultant since 1968. His academic career started from 1957 when he was appointed Professor of Soil Engineering at Mackenzie University in São Paulo and in 1967 he became Professor of Soil Engineering at São Paulo University. In addition, he had been the President of the Brazilian Society of Soil Mechanics (of which he is a founding member), the first recipient of its Terzaghi Prize, Vice President of the International Society of Rock Mechanics for Latin America and Vice President of the International Society of Soil Mechanics for Latin America.

Dr. Victor de Mello delivered the **Seventeenth Rankine Lecture** of the British Geotechnical Society on 10th March 1977 titled "**Reflections on Design Decisions of Practical Significance to Embankment Dams**". He was elected as President of ISSMFE for the term 1981-85. In 1985, he suggested 25 different solutions for correcting the tilt of Leaning Tower of Pisa.

He remarked "*When faced with a problem of high ratio of responsibility to feasibility, it is not in better analytical work that engineers seek solutions, but rather in different statistical universes in order to set aside, quite definitely, the possible histogram of degrees of undesirable behaviour*".

IGS Goa Chapter initiated this prestigious Dr. Victor de Mello Goa Lecture in 2017 in association with Brazilian Geotechnical Society and Portuguese Geotechnical Society, to be delivered by an eminent engineer of international repute, every year. The First lecture was delivered by **Prof M R Madhav (2017)**. The subsequent lectures were delivered by **Er. Luiz Guilherme de Mello (2018)**, **Prof. Pedro Seco e Pinto (2019)**, **Prof A Balasubramaniam (2021)**, **Prof. Roger Frank (2022)**, **Prof. K S Rao (2023)** and **Prof. G L Sivakumar Babu (2025)**. These lectures are also published in the International Journal of Soils and Rocks published by Brazilian and Portuguese Geotechnical Societies and Dr Victor de Mello website <https://victorfbdemello.com.br/>.

8th Dr. Victor de Mello Goa Lecture & Symposium Lectures

Dr. Victor de Mello Centenary Symposium - 14 th May 2026	
Prof. T G Sitharam	8th Dr. Victor de Mello Goa Lecture Chenab Bridge -The Arch of Ambience: Advanced Geotechnical Strategies and Sustainable Foundation Design
Prof. MR Madhav	The Third Alternative – Geosynthetic Reinforced Foundation Beds
Er. Luiz Guilherme de Mello (Online)	Design and Performance of a Test Embankment on Very Soft Mexico Clay Deposit Improved by Vacuum and Surcharge Preloading with PVDs
Dr. Anil Joseph	From Distress to Stability: Geotechnical Solutions for Infrastructure Projects
Prof. Fernando Schnaid (Online)	Geotechnical Investigation in Tailings Storage Facilities: Importance, Challenges and Risks
Dr. Werner Biffinger (Online)	Settlements due to Blasting Vibrations in an Urban Tunnel Excavation
Dr. K Balan	Experiences with the Design and Execution of Rockfill dam

ISSMGE TC-107 Symposium on Landslides - 15 th May 2026	
Prof. Neelima Satyam	Recent Landslide and Debris Disaster in Mandi District in Himachal
Dr. R Shivashankar	Geotechnical Engineering with Lateritic Soils and Slope Stability in Lateritic Formations
Prof. Purnanand P Savoikar	Applications of AI in Landslides and Slope Stability
Dr. K Balan	Slope Stability in Residual Soils of Kerala
Prof. J Jayamohan	Reconstruction of Failed Embankment Resting on Soft Soil – A Case Study
Dr. K S Sajinkumar	Mobile App-based Early Warning System for Landslides in Kerala
Dr. Rohan Deshmukh	Numerical Modeling of Rainfall Induced Landslides: Insights from FEM, LEM and Integrated Geotechnical Workflows

International Advisory Committee

Prof. M R Madhav Er. Luiz de Mello
Prof. G L Sivakumar Babu Prof. Deepankar Choudhury
Dr. Anil Joseph Prof. Fernando Schnaid Dr. Alexandre Pinto
Prof. Neelima Satyam Dr. A P Singh

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Dr. M S Krupashankara, Principal, Goa Engg. College

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Prof. Ganesh N Hegde Prof. Purnanand P Savoikar
Er. Umesh B Kulkarni

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Dr. Leonardo Souza, Prof. Poonam Chodankar
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Prof. Vanessa Fernandes, Ms. Preeyal Fernandes

Registration Details

Registration fee of attending both the Dr. Victor de Mello Birth Centenary Symposium and Symposium on Landslides in Tropical Soils is as below:

Academicians & Industry	Rs. 1500
IGS Members	Rs. 1200
Research Scholars, UG/PG Students	Rs. 500

For details Contact: pps@gec.ac.in; 09922732822

Fee can be paid online through Bank Transfer.

A/C Name: IGS Goa Chapter
A/C No.: 520101026783718
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Venue



Civil Engineering Department Annex Building
Goa Engineering College
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Farmagudi, Ponda, Goa 403 401.