

75 GLORIOUS YEARS OF INDIAN GEOTECHNICAL SOCIETY

DR. VICTOR FROILANO BACHMANN 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.

DR. VICTOR de MELLO GOA LECTURE

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**. The second and the third lecture in this series were delivered by **Dr. Luiz Guilherme de Mello**, Director Vector Projects Brazil and **Prof. Pedro Seco e Pinto**, Portugal. Fourth and the fifth lectures were delivered by **Prof. A Balasubramaniam**, Griffith University, Australia and **Prof. Roger Frank**, France.

These lectures are also published in the **International Journal of Soils and Rocks** published by Brazilian Geotechnical Society and are also available on official website of Dr. Victor de Mello.

"**The Man Who Chose What He Loved**" a biography of Dr. Victor de Mello is recently published by Er. Luiz Guilherme de Mello and Lucia Beatriz de Mello. The soft copy of the same will be released during the 6th Victor de Mello Goa Lecture.

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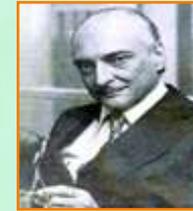
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FOR REGISTRATION CONTACT

Dr. Pradnya Singbal, Organising Secretary | Mob.: 9511746563
Asst. Prof. (Civil), Goa Engineering College,
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IGS GOA GEO CONCLAVE

6th Dr. Victor De Mello Goa Lecture



3rd Symposium on Women in Geotechnics on Sustainable Retaining Structures &

2nd ISSMGE TC 107 Symposium on Residual Tropical Soils

1-2, December 2023

ORGANISED BY

**Civil Engineering Department,
Goa Engineering College, Farmagudi and
Indian Geotechnical Society Goa Chapter**



SUPPORTED BY



**Sociedade Portuguesa
de Geotecnia**

PORTUGUESE GEOTECHNICAL SOCIETY

VENUE

**Civil Engineering Department Annex Building
Goa Engineering College
Farmagudi – Ponda, Goa 403401**

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 All India Council for Technical Education (AICTE) and is affiliated to Goa University. Institute conducts eight four-year degree courses viz. Civil, Mechanical, Electrical & Electronics, Electronics & Telecommunications, Computer, Information Technology, Mining Engineering and Electronics (VLSI Design and Technology). In addition institute conducts nine 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. Institute is equipped with the state-of-art infrastructure facilities including a fully stocked library, well-appointed climate laboratory, highly experienced faculty members, furnished classrooms, computer labs and other laboratories. Institute celebrated its golden jubilee year in 2016-17. For more details visit www.gec.ac.in.

INDIAN GEOTECHNICAL SOCIETY GOA CHAPTER

Indian Geotechnical Society, affiliated to International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), aims at promoting co-operation amongst engineers and Scientists for the advancement and dissemination of knowledge in the fields of soil Mechanics, foundation engineering, soil dynamics, engineering geology, rock mechanics and allied fields of applications. It provides a common forum of academicians, research workers, designers, construction engineers, equipment manufacturers and others interested in geotechnical activities. Goa Chapter of Indian Geotechnical Society was established on 28th October 2016 and is the 41st Chapter of the Indian Geotechnical Society.

Sixth Dr Victor de Mello Goa Lecture will be delivered by Prof. K S Rao, Ex-Professor of Geotechnical Engineering, Indian Institute of Technology, Delhi on Friday 1st December 2023 at 11.30am (Hybrid mode).

6TH DR. VICTOR DE MELLO GOA LECTURE



Development of a Large Direct Shear Facility for Geotechnical Characterization and Stability Assessment of Coal Mine Dumps

Prof. K. S. Rao

Former Emeritus Professor in Geotechnical Engineering,
Indian Institute of Technology, Delhi

INVITED KEY NOTE LECTURE



Opportunities for Helical Screw Piles in India

Er. Mohan Ramnathan

Managing Director
Advanced Construction Technologies Pvt Ltd., Chennai

WHO SHOULD ATTEND

Academicians, engineers from industry, public and private organizations and UG/PG students can attend the Victor de Mello lecture and the symposium.

3RD SYMPOSIUM ON WOMEN IN GEOTECHNICS

Indian Geotechnical Society Goa Chapter started the innovative Symposium on **Women in Geotechnics**, first of its kind, organized to bring together and honour the illustrious women in the field of Geotechnical Engineering who have created a mark in this field in 2018. The third Symposium on **Women in Geotechnics** is scheduled on 1st December 2023 from 02.30 to 05.30pm, on the themes: **Sustainable retaining structures**

3RD SYMPOSIUM ON WOMEN IN GEOTECHNICS THEME: SUSTAINABLE RETAINING STRUCTURES



Applications of Geosynthetics in Infrastructure - Interesting case studies

Er. Minimol Korulla

Head, Strategic Initiatives and Projects,
Maccaferri Environmental Solutions

Selected Case Study on Embankment retention with flexible solution

Er. Annapoorni Iyer

CEO, Engosym Consultants, Pune



Challenges & advancements in Geoenvironmental Engineering

Prof. Bharati V. Chiniwalar

Associate Professor, KLE Technological
University, Belgavi

ISSMGE TC-107 RESIDUAL TROPICAL SOILS SYMPOSIUM 2023

International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) Technical Committee TC-107 on Tropical Residual Soils is organising 2nd **Symposium on Laterites and Lateritic Soils – Problems and Remedies** on 2nd December 2023. Prof. M R Madhav will deliver a key note and invited talks will be delivered by by ISSMGE TC107 members.

Key Note Lecture
Instability and rectification of slopes in lateritic soils

Prof. M R Madhav

Professor Emeritus, JNT University;
Visiting Professor, IIT, Hyderabad



Case studies on Numerical Modelling in Reinforced Soil

Dr. Jayamohan Jayraj

Principal, Lal Bahadur Shastri Institute of Technology
for Women, Thiruvananthapuram

Lateritic Soils – Problems and Remedies

Prof. Purnanand P Savoikar

Professor in Civil Engineering,
Goa Engineering College, Farmagudi

