

## Special Speaker

**Assoc. Prof. W. B. M. Thoradeniya**

*Division of Civil Engineering Technology  
Institute of Technology  
University of Moratuwa, Sri Lanka*



### Short Biography:

Bhadranie Thoradeniya is a pioneering academic at Institute of Technology University of Moratuwa (ITUM), with over 40 years of experience. She is deeply passionate about improving engineering technology education in Sri Lanka.

Bhadranie served as a Visiting Fellow at the University of Western Sydney, Australia. Her research in the water sector, conducted in collaboration with international scientists, has led to numerous publications, including book chapters, local and international journal articles, and conference papers.

In addition to her academic contributions, she held several prominent roles: she was the President of the Institution of Incorporated Engineers Sri Lanka for the 2023/2024 session, the Chairperson of the National Apprentice and Industrial Training Authority in 2016, and is currently a member of both the Engineering Council of Sri Lanka and the Board of Management of the Construction Industry Development Authority.



### Education:

1980  
**UNIVERSITY OF MORATUWA**  
National Diploma in Technology

1986  
**UNIVERSITY OF MORATUWA**  
Post-Graduate Diploma

1995  
**IHE, THE NETHERLANDS**  
Master of Science (Distinction)

2004  
**OPEN UNIVERSITY SRI LANKA**  
Master of Philosophy

2009  
**UNIVERSITY OF MORATUWA**  
Doctor of Philosophy



## "Multiple Intelligences and Sustainability in the Engineering Industry"

### Synopsis:

Traditionally, intelligence was limited to the "3Rs": Reading, Writing and Arithmetic. Students entering engineering study programs were expected to excel primarily in mathematical intelligence. However, in 1983, Howard Gardner introduced the theory of multiple intelligences, revolutionizing our understanding of cognitive abilities.

In the realm of engineering education, recognizing and integrating these diverse intelligences can have numerous positive impacts on students' learning experiences. Furthermore, identifying the multiple intelligences possessed by engineering practitioners is crucial for individual career progression and professional success which, in turn significantly contributes to the sustainability of the engineering industry.



**18 DECEMBER 2024**



**10.20 AM- 10.50 AM**  
SRI LANKA (GMT + 5.30)



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