

NEWSLETTER

July, 2024



Indian Institute of
Technology Madras



Technologies for
Low-Carbon and Lean
Construction

Congratulations BATCH OF 2024



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- One Day Workshop on Infrastructure Engineering and Management organized by IIT Madras in Zanzibar Campus, Tanzania on July 18
- Program for School Children for CE Awareness in Zanzibar
- Profs. Ravindra Gettu, Manu Santhanam, Radhakrishna Pillai and Murali Jagannathan attended the 1st Workshop on Sustainability in the Construction Industry, organized by the University of Dar Es Salaam (UDSM) and Indian Institute of Technology, Madras
- Upcoming event: [CONSEC24](https://consec24.com/index.php) (Registration deadline: September 15, 2024)

Register soon: <https://consec24.com/index.php>



Prof. Ravindra Gettu with Dr. ESAYAS G.youhannes after a seminar in Addis Ababa, Ethiopia, on 1st July 2024. The organizers were the Concrete Materials and Structures Chair, Addis Ababa Institute of Technology, and the main sponsor was Gentium Concrete Industries. GENTIUM CONCRETE INDUSTRIES PLC

Prof. Benny Raphael, Dr. Piyush Chaunsali, Dr. Surender Singh, Dr. Keerthana Kirupakaran and Dr. Aslam Kunhi Mohamed with the graduating students during the convocation at IIT Madras on July 19

Find us: <https://tlc2.iitm.ac.in/>

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• EVENT



One Day Workshop on Infrastructure Engineering and Management was organized by IIT Madras in Zanzibar Campus, Tanzania on July 18

The Civil Engineering Department at IIT Madras has been a cornerstone of education and development for the Indian and regional infrastructure sector since inception. The department has continually evolved over the years to incorporate emerging fields to meet industry and community needs. With the establishment of IITMZ the department plans to initiate relevant programs at IITMZ to address education, research and industry needs of the region. Meeting with infrastructure stakeholders in East Africa to understand the requirements of the region was the main objective of the workshop. TLC2 Professors visited IITMZ campus to attend the workshop.



Prof. Manu Santhanam addressing the workshop participants

Proposed Programs: Masters Program in Infrastructure Engineering and Management

- Covers both Engineering and Management Aspects
- Exit Options at PG Diploma or PG Degree
- Research or Course based options
- Hybrid Mode
- Relevance for Professional Certifications

Short-Term / Certificate Courses

- Building Information Models and IT in Construction materials, technology and methods
- Safety, Quality and Sustainability
- Construction Contracts, Claims and Disputes
- Lean Construction
- Infrastructure Management
- Repair and Rehabilitation of Infrastructure



Prof. Koshy Varghese introducing the scope of the workshop



Prof. Koshy Varghese, Ravindra Gettu, Manu Santhanam, Ashwin Mahalingam, Radhakrishna Pillai and Murali Jagannathan with Prof. Preeti Aghalayam, Director-in-charge, IIT Madras Zanzibar and Prof. Raghunathan Rengaswamy, the Dean of the office for Global Engagement, IIT Madras

EVENTS



One day workshop for creating awareness among the school children about the various aspects and courses of Civil Engineering was organized by TLC2 team at Zanzibar on July 19



Photo1: Introducing IIT Madras to school children

Photo2: Civil Engineering Quiz for school children in IITM Zanzibar

Photo3: Planning and construction of a tower, by student group in Zanzibar, with guidance from TLC2 professors



The First Industry Day in Zanzibar!!!

TLC2 faculty members attended the Industry Day at IIT Madras Zanzibar Campus, the first such event in the country, organized by IITM Global and IITM Zanzibar teams on July 24. In picture, IIT Madras professors with the delegates from the government, industry, and academia from Tanzania and Prof. Preeti Aghalayam, Director-in-charge, IIT Madras Zanzibar



Profs. Ravindra Gettu, Manu Santhanam, Radhakrishna Pillai and Dr. Murali Jagannathan attended the 1st Workshop on Sustainability in the Construction Industry, organized by the University of Dar-Es-Salaam (UDSM) and Indian Institute of Technology, Madras on July 22.

Picture 1: TLC2 faculty members with delegates and workshop organizers

Picture 2: Prof. Manu Santhanam giving a keynote address

Picture 3: Prof. Radhakrishna Pillai delivered a talk on "Durability Design of Concrete Structures"

Picture 4: Prof. Ravindra Gettu delivered a talk on "Life Cycle Assessment of Cement and Concrete"

Picture 5: Dr. Murali Jagannathan talked on "Green Building - Implementation at Sites"



• UPCOMING EVENT

Specify "Mx-Dy" concretes instead of "Mx" concretes.



Courtesy: Kerala Highway Research Institute (KHRI)

10th International Conference on CONcrete under SEvere Conditions - Environment & Loading

CONSEC24
September 25 - 27, 2024 | Chennai, India | www.consec24.com

September 25-27, 2024

Two Pre-CONSEC workshops

September 24, 2024

1. C3S - Corrosion Control in Concrete Structure
2. CTSI - Construction Technologies for Sustainable Infrastructure

All at Radisson BLU Hotel GRT Chennai (near airport), Chennai, INDIA

CONSEC Secretariat

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