

PROGRAM SCHEDULE

International Conference on “Civil Engineering trends and Challenges for Sustainability” (NITTE-CTCS 2026)

Day 01 05.02.2026

Time	Key Note Speaker
11.30 AM to 12.30 PM	Prof. RAAJ Ramsankaran, Professor, Department of Civil Engineering, Indian Institute of Technology Bombay, Powai, Mumbai

Session 1: Sustainability and Management

Date: 05.02.2026		2.15 to 3.30 PM
Paper ID	Paper Title	
CTCS 2604	Sustainable Development and Evaluation of a Geothermal Cooling System under Varying Water Temperatures Authors: Kapilan Natesan, Nithin Kumar, Shivarishika K, G Balaji, Jose Swaminathan	
CTCS 2615	Comparative Assessment of Lighthouse Project Construction Technologies for Urban Housing: A GHTC-India Framework. Authors: Chetan G. More	
CTCS 2619	Identification and Quantification of Pavement Surface Distresses Using Convolutional Neural Network and Image Processing Techniques. Authors: Prithvi Bagul, Piyush Chandak	
CTCS 2621	Data Driven Forecasting of River Water Quality Index to Support Sustainable Water Management. Authors: Sateesh Hosamane, Kriti Deshpande, Amoghvarsh Hosamane,	

Day 02 06.02.2026

	Key Note Speaker
9.30 AM to 10.30 AM	Prof. Yasuhiro Shiomi Vice Dean/Professor, College of Science and Engineering, Ritsumeikan University, Japan

Session 2: Concrete Technology

Date: 06.02.2026		11.15 to 12.30 PM
Paper ID	Paper Title	
CTCS 2623	Experimental Study on Sustainable Concrete Using Blended Cement Binders. Authors: Dhanamma Palsam, Murugan. R, Manohar. G	
CTCS 2639	Artificial Intelligence and Deep Learning Framework for Concrete Compressive Strength Prediction Through Regression and Classification Analysis. Authors: Hrithik C.H and Manjunath M	
CTCS 2650	Numerical evaluation of hexagonally perforated cold-formed steel channel sections under compression. Authors: G. Beulah Gnana Ananthi, Deepak M S	
CTCS 2635	Optimizing High-Strength Self-Compacting Concrete Using Silica Fume and GGBS: A Strength and Durability Study. Authors: Pradeep Karanth, Sumanth R Sherugar	