



Short Term Training Program (STTP) Recent Developments and Advancements in Transportation Engineering (RDATE2023)

13th – 18th March, 2023

Centre for Transportation Research
Department of Civil Engineering

Overview of the Program

Transportation Engineering, one of the most diverse fields of civil engineering, plays a vital role in societal development by facilitating safe, comfortable and efficient movement for passengers and freight. While transportation has evolved significantly over the years by providing diverse modes and infrastructure, it also brought up several challenges to the society and environment. The growing concerns related to road safety, vehicular emissions, traffic congestion, construction materials shortage, etc. warrant in-depth research and application of advanced tools and technologies to find sustainable solutions. It has become imperative for practitioners, policymakers and researchers to understand emerging research areas, cutting edge technologies and potential opportunities in the area of transportation engineering and adopt those for the betterment of society at large.

This online program is intended to enrich faculty, research scholars, students and professionals with exposure to recent developments and advancements in transportation engineering, with adequate emphasis on current research and practices. The program aims to cover sessions on various domains such as:

Demand analysis & modelling	Resilience of transport network	Mobility as a service	Infrastructure planning
Advanced data collection	Traffic flow modelling	Safety management	ADAS
Material characterisation	Mechanistic-empirical design	Green technologies	Pavement performance
Intelligent freight transportation	Data analytics	Surrogate measures	ML/AI applications

Resource Persons

The sessions will be handled by eminent persons from the leading research organizations around the world. Please visit the website of STTP for all the latest updates.

Who Can Attend?

The faculty members, research scholars, PG students, UG students, officials from the Government organisations and Industries.

Registration Details

Registration fee (including 18% GST) for one-week online STTP on RDATE is as follows.

	National participants (INR)	International participants (USD)
UG student	738	25
PG/PhD students	1475	35
Faculty	2950	70
Others	5900	125

Interested persons need to pay the registration fee (non-refundable) through online mode to the account given on the right side. While paying, write RDATE2023 in the column of purpose.

Minimum 90% attendance is compulsory to receive the participation certificate. Participation E-certificate will be issued after the completion of the program.

Bank Account Details

Bank: State Bank of India, NIT Calicut Campus

Account holder name: DIRECTOR NIT CALICUT-Continuing Education Programme

Account No.: 37618269594

IFSC: SBIN0002207

SWIFT code: SBININBB392

After the payment, complete the registration by filling the following Google form on or before 3rd March, 2023.

Registration form: <http://shorturl.at/chMW4>

Website: <http://shorturl.at/cixG3>

Last date of registration is 3rd March, 2023

Selection will be based on *First Come First Serve* basis as the total number of participants is limited to 80.

Centre for Transportation Research

The Centre for Transportation Research (CTR) is a Centre of Excellence funded by the Ministry of Education, under the scheme 'Establishment of 50 Centres of Excellence in Frontier Areas of Science and Technology (FAST)', in the year 2013. The objectives of the Centre are to undertake research in various aspects of transportation and develop solutions that lead to sustainable transportation, create a pool of quality conscious and qualified transportation engineers sensitive to societal requirements, enhance the skills and knowledge of working transportation professionals and bring awareness among public for their active and informed participation.

Department of Civil Engineering

The Department of Civil Engineering is one of the oldest departments in this Institute. It was established at the inception stage of the Calicut Regional Engineering College (CREC), which was the forerunner to the present National Institute of Technology Calicut (NITC), in 1961. The department has highly qualified faculty members engaged in teaching, research and consultancy. Department also offers Post Graduate and Doctoral Programs in the areas of Structural Engineering, Traffic and Transportation Planning, Offshore Structures, Environmental Geotechnology, and Water Resources Engineering. The Department is a recognized QIP centre of the AICTE for both M.Tech. and Ph.D. program.

NIT Calicut

National Institute of Technology Calicut was founded as Regional Engineering College, Calicut, in 1961. Set in a picturesque at the foothills of the Western Ghats, it is located about 22 km north-east of Calicut city. It is a prestigious institute with a reputation for excellence at undergraduate, postgraduate and research levels, fostering the spirit of national integration among the students and close interaction with the industry.

Coordinators

Dr. Nishant Mukund Pawar

Dr. Munavar Fairouz C

Dr. Hillol Chakravarty

Dr. Yogeshwar V Navandar

Address for correspondence: Dr. Nishant Mukund Pawar; Email: nmpawar@nitc.ac.in; Contact No.: 0495 2286235

List of Resource Persons

Dr. Agnivesh Pani	IIT BHU
Dr. Akhilesh Kumar Maurya	IIT Guwahati
Dr. Ambika Kuity	NIT Silchar
Dr. Amit Agarwal	IIT Roorkee
Dr. Ankit Gupta	IIT BHU
Dr. Anshuman Sharma	VNIT Nagpur
Dr. Ashish Dhamaniya	SVNIT Surat
Dr. Bhargab Maitra	IIT Kharagpur
Dr. Chandra Balijepalli	University of Leeds, UK
Dr. Harikrishna M	NIT Calicut
Dr. Hillol Chakravarty	NIT Calicut
Dr. Indrajit Ghosh	IIT Roorkee
Dr. Jose Campose Matos	University of Minho, Portugal
Dr. K. Krishnamurthy	NIT Calicut
Dr. Kinjal Bhattacharya	Swedish National Road & Transport Research Institute, Sweden
Dr. Krishna Prapoorna	IIT Tirupati
Dr. M Sivakumar	NIT Calicut
Dr. M.V.L.R. Anjaneyulu	NIT Calicut
Dr. Manoranjan Parida	CSIR-CRRI, New Delhi
Dr. Munavar Fairouz C	NIT Calicut
Dr. Nishant Mukund Pawar	NIT Calicut
Dr. Priyanka Alluri	Florida International University, USA
Dr. Rajib Mallick	The University of Texas at El Paso, USA
Dr. Ram Pendyala	Arizona State University, USA
Dr. S. Velmurugan	CSIR-CRRI
Dr. Samson Mathew	NATPAC
Dr. Vishnu R	NIT Warangal
Dr. Yogeshwar V Navandar	NIT Calicut