

Two day training programme on
Adaptive Designs and Applications in
Pavement Technology & Safety (ADAPTS 2023)
Transportation Engineering Research Centre (TRC), CET



REGISTRATION FORM

Salutation (Mr/Ms./Dr.)

Full Name:

Designation/ Position:

Name of Institution/Department:

Phone No. email:

Specialisation/ Area(s) of interest:

Contact address:

Declaration

Certified that the information provided above are true and correct to the best of my knowledge and belief.

Place:

Date:

Signature of Participant

Recommendation by Head of the Institution/ Department

Mr/Ms./Dr. _____, who is
in this Institution/Department is
hereby delegated to attend the training programme.

(office seal)

Signature

How to Apply

Participants can apply using scanned copy of the filled up registration form, duly endorsed by the Head of the Department/Institution so as to reach the organisers on or before 15th January 2023, through email.

Admission shall be on a first come first served basis, as we have limitation in the number of participants that could be comfortably managed.

Organising Team

For more details, feel free to contact:

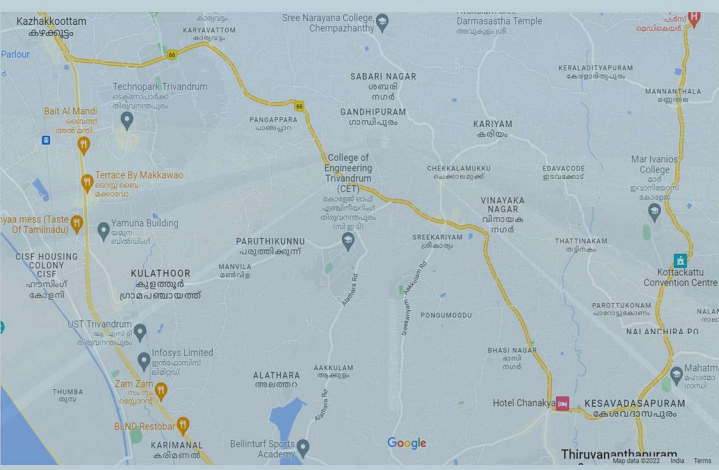
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Looking forward to have fruitful interactions with you at ADAPTS 2023.

How to reach CET :



Two Day Training Programme on
Adaptive Designs and Applications in
Pavement Technology & Safety
(ADAPTS-2023)

24-25 January 2023



Organised by
Transportation Engineering Research Centre (TRC)
Department of Civil Engineering
College of Engineering Trivandrum
Thiruvananthapuram-695016, Kerala



About CET

Dating back to the days of the second world war, CET has, over eight decades, witnessed and has been a part of the drastic changes in Engineering and Technology. Located in a lush green campus atop a hill far from the busy city, the college hosts an ideal environment for learning and research. The college offers undergraduate, and graduate programmes and facilities for doctoral research, in 7 major disciplines. Besides, it serves the industry and the society through various consultancies and services to society initiatives.

The institution also provides a space for budding entrepreneurs to embark on developing and marketing their ideas, through sophisticated laboratory facilities. Through the various departments and research centres in the campus, the institution reaches out to the industry and academia by providing training, consultancy and faculty development programmes.

About TRC

TRC was founded in 2012, as an initiative of the Government of Kerala, with a mission to Provide Better Roads for Kerala. The centre has, since then been acting as a hub for interaction between industry and academic institutions, providing state of the art facilities for research.

Several research projects (including interdisciplinary ones) in the field of transportation planning, traffic engineering, and pavements, have been completed under the centre, and the centre has been conducting training programmes and workshops for faculty and stakeholders.

The centre also pursues collaborative projects with Government Engineering College Thrissur, Government College of Engineering Kannur and RIT Kottayam. TRC strives to provide technical support to the industry in their objective to improve the durability and performance of transport system in general, and roads in particular.

About the Programme

The floods in Kerala, along with landslides and water-logging has devastated the road network many times. Several initiatives are being taken by the Government to rehabilitate the roads and to reduce the damages in future. A deep awareness on the practical issues and their adaptive solutions in pavement design and construction/ maintenance practices is a must.

Road safety has once again emerged as a matter of grave concern, post the pandemic lockdown period. People seem to have forgotten the basics of safe driving and the traffic is increasing tremendously, leading to rash behaviour and subsequent hazards. Understanding the human behaviour and vehicle-vehicle, vehicle-pedestrian interactions forms an essential part in ensuring road safety.

The programme **ADAPTS** is envisioned as a platform for interaction between Academic experts, Consultants and Practising Engineers. This programme spans over *two days*, the first day being dedicated to pavement engineering and the second, to road safety.

Topics covered

Pavement Engineering

Pavement Design as per IRC Codes of Practice (for rural roads and highways)

Pavement Design using IITPave Software

Quality control during construction

Road safety

Human Factors in Road safety

Conflict based analysis of road safety

Advanced tools and technologies for safer roads

Resource Persons

Faculty from NIT and experienced consultants shall be engaging the sessions and shall be offering hands-on training. Participants are encouraged to raise queries on the various practical issues faced during construction, operation and maintenance of pavements and in designing safer roads.

Who can apply

The programme ADAPTS targets the following groups:

Delegates from Government Departments

Scientists/Project staff from Transportation and related Research Centres

Faculty from Engineering Institutions

Practising Engineers in the field of roads and highways

ADAPTS At a glance

Venue: College of Engineering Trivandrum.
Timing: 9:30 A.M. to 4:30 P. M.

Day 1, 24.01.2023
Pavement Design and Construction.

Day 2, 25.01.2023
Road safety: Advanced concepts and practices.