

NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR

Department of Civil Engineering

organises

Five days

International Virtual Workshop

on

**“Modern Trends in Transportation System (MTTS 2020)”**

on

25th -29th July, 2020



Under TEQIP-III



## Patron



Prof. Sivaji Bandyopadhyay

Director  
NIT Silchar

## Chairman



Dr. Parthajit Roy

Head

Civil Engineering Department  
NIT Silchar

## Convener



Dr. Sukumar Pati

TEQIP-III Coordinator

Mechanical Engineering Department  
NIT Silchar

# About the workshop

Transportation system has a major role in growth and development of a country. This TEQIP-III sponsored International virtual workshop aids to create a platform to enhance the information in the area of transportation system among researchers, faculties and other transportation fraternity in the region. Workshop address issues related to the geometric design aspects, sustainable transport measures, surrogate safety measures, road safety audit, automated vehicle, deep learning techniques, rheology of binder, imaging techniques etc. NIT Silchar invites you to participate in this five days International virtual workshop series.

# External Resource Persons



Dr. Vinod Vasudevan  
Associate Professor  
University of Alaska,  
Anchorage



Prof. M. A. Reddy  
Professor  
IIT Kharagpur



Dr. Avijit Maji  
Associate Professor  
IIT Bombay



Dr. Animesh Das  
Professor  
IIT Kanpur



Dr. Pranamesh Chakraborty  
Assistant Professor  
IIT Kanpur



Dr. S. Velmurugan  
Senior Principal Scientist  
CRRRI



Dr. Ashish Verma  
Associate Professor  
IIT Bangalore



Dr. G.D. Ransinchung  
Associate Professor  
IIT Roorkee



Dr. Indrajit Ghosh  
Associate Professor  
IIT Roorkee



Dr. J. Murali Krishnan  
Professor  
IIT Madras

# Co-ordinators & Internal Resource Persons



*Prof. Mokaddes Ali Ahmed*  
Professor  
Civil Engineering Department  
NIT Silchar



*Dr. Kh. Lakshman Singh*  
Assistant Professor  
Civil Engineering Department  
NIT Silchar



*Dr. Ambika Kuity*  
Assistant Professor  
Civil Engineering Department  
NIT Silchar



*Dr. Suprava Jena*  
Assistant Professor  
Civil Engineering Department  
NIT Silchar



<b>Date\Time</b>	<b><u>10 am-11:15 am</u></b>	<b><u>11:15 am-12:30 pm</u></b>	<b><u>12:30pm-1:30 pm</u></b>
<b>25<sup>th</sup> July, 2020</b>	Dr. Vinod Vasudevan Applications related to the instrumented vehicle	Dr. .M. A. Reddy Structural Evaluation of Pavements : Applications, Challenges and Opportunities	Dr. S.Velmurugan An overview of road safety and road safety audit in India - case study
<b>26<sup>th</sup> July, 2020</b>	Dr. Avijit Maji Performance based evaluation of two-lane undivided rural highways	Prof. Mokaddes Ali Ahmed Urban transportation planning	Dr. Ambika Kuity Quantification of waste material as filler – a microscopic study
<b>27<sup>th</sup> July, 2020</b>	Dr. Pranamesh Chakraborty Deep learning techniques in traffic data imputation	Dr. Animesh Das Application of imaging techniques in characterising pavement materials	Dr. Suprava Jena Applications of computational intelligence in transportation engineering
<b>28<sup>th</sup> July, 2020</b>	Dr. Ashish Verma Sustainable transport measures for liveable Indian cities	Dr. G.D. Ransinchung R.N. Flexible and rigid pavement construction	Dr. Kh. Lakshman Singh Study on rheological properties of modified and unmodified bituminous binders
<b>29<sup>th</sup> July, 2020</b>	Dr. Indrajit Ghosh Surrogate safety measures for traffic safety assessment under heterogeneous traffic conditions	Dr. J. Murali Krishnan An Insight into Bitumen Rheology Using LAOS	

## Workshop schedule



Useful information:

Registration link:

Free registration

<https://docs.google.com/forms/u/2/d/e/1FAIpQLSfcsFpXBGYwDO1z6R3jzpmD4hgSmWsuBoycRmGrHgDAE-jDNw/formResponse>

*\*E-certificates to be provided to participants on attending 75% of all sessions and filling of a feed back form*

*Look forward to your participation in the International virtual workshop*

*Please feel free to contact if you face any problems*

*Dr. Ambika Kuity (Co-ordinator)*

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