

# National Seminar on Rapid and Alternative Energy Mobility RAEM - 2019

January 24<sup>th</sup>, 2019 10:00AM - 5:30PM

## RAEM - 2019 Endeavours

To explore the avant- garde advancements of Rail Technology.

To share the advancements in the scope of alternative energy shaping the future of transportation systems.

To accelerate the vision of innovations through data analysis, machine learning, artificial intelligence, IOTs in realm of Rail technology.

## GBU@Glance

Gautam Buddha University is an educational centre of excellence in postgraduate studies and state of art research. It possesses excellent infrastructure and academic facilities. GBU acquired the eminence in reasearch and practice oriented academic learning, for the benefit of society, through continuous industry collaborations.

## DATE AND VENUE

January 24<sup>th</sup>, 2019 10:00AM - 5:30PM

## Main Auditorium

Gautam Buddha University

## Important Dates

Submission deadline : January 18<sup>th</sup>, 2019

Acceptance Notice : January 20<sup>th</sup>, 2019

Registration Due : January 22<sup>nd</sup>, 2019

## Invitation

Gautam Buddha University is organising a National Seminar on Rapid and Alternative Energy Mobility to explore the the futuristic avenues and advancements in the expanse of high speed rail technology and alternative energy.

The industrial personnels, academicians, start-ups, innovators and incubators are welcomed in this event to have an opportunity to explore the challenges faced, solutions obtained and futuristic research possibility in the area of rapid and alternate energy mobility.

The participants for the seminar are expected to be experts in the area of technical/operational/financial/ management aspects of railways and students persuing their career in the area of Rail Technology.

## Panel Experts

Former Director (Operations), DMRC

**Shri Sharat Sharma**

Former Professor & Dean IRISSET, Hyderabad

**Dr. Mukul Verma**

Formerly Addl. Member Signalling; Indian Railway Board

**Shri Chandrika Prasad**

Former Director (Operations), DMRC

**Shri Raj Kumar**

System Assurance Consultant(KAIA APM Project), Rail Tec

**Dr. Susanta Patra**

Assistant Director AICTE

**Shri Girdhri Lal Garg**

GM (Technical), NMRC

**Shri Manoj Vijpayee**

GM (Finance), NMRC

**Shri P D Upadhyay**

Director (GTS), THALES

**Shri Ravi Prakash**

Head (RCS), BOMBARDIER

**Shri Rashmi Ranjan Ray**

DGM Signalling, NCRTC

**Shri Rishabh Gautam**

## Registrations

Students/Scholars - Rs.500

Academicians - Rs.1000

Industry Professionals - Rs.2000

Co-authors/Participants - Rs.250

<https://goo.gl/forms/uqXYcOtRmJCw0RRh2>

## Call for Papers

Research Papers are invited on the topics related to the field of seminar. Selected papers will be published in the form of proceedings. Authors of the selected papers would be given an opportunity to present their papers during sessions and extended papers as, poster presentation on the day of the Seminar.

## Proposed Tracks for seminar

Track 1: Railroad Infrastructure Engineering

Track 2: Rail Equipment Engineering

Track 3: Railway Signalling

Track 4: Railway Telecommunication

Track 5: Train Control Engineering

Track 6: Planning and Development

Track 7: Safety and Security

Track 8: System reliability, Safety and Quality

Track 9: Energy Efficiency and Sustainability

Track 10: Mechanical Systems in Railways

Track 11: Electrical Systems in Railways

Track 12: Light Rail System

Track 13: Wheel-Rail Interface

Track 14: Rolling Resistance

Track 15: High Speed Railway Tracks

Track 16: Robotics in Railways

Track 17: AI in Railways

Track 18: Railway Traffic Analysis

Track 19: Alternative Energy for Railways

Track 20: Futuristic Engine Technology

Track 21: Sensor Technology for Railways

Track 22: Smart Bridges for Railways

Track 23: Noiseless Rolling Stocks

## Chief Patron

Prof. Bhagwati Prakash Sharma

Hon'ble Vice Chancellor, Gautam Buddha University

## Convenors

Dr. Indu Uprety

Dr. Vidushi Sharma

Dr. Rajesh Mishra

## Organising Secretaries

Dr. Neeta Singh

Dr. Navaid Z. Rizvi

Dr. Sandeep Sharma

Dr. Vimlesh Kumar

## Organising Committee Members

Dr. M A Ansari

Dr. Vivek Kumar Shukla

Dr. Vivek Shrivastva

Dr. Ajeet Kumar Pandey

For any queries  
feel free to contact  
us at:

[vidushi@gbu.ac.in](mailto:vidushi@gbu.ac.in)  
[rmishra@gbu.ac.in](mailto:rmishra@gbu.ac.in)

9871545049  
9717949251



Paid lodging may be provided.

Sponsors for the event are invited. Speakers feel free to contact with proposals.