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Objectives of the Course

Safety and punctuality are key objectives of any mode of transport, and railways are no exception to this. Since punctuality of operation is directly linked with reliability and maintainability of the systems and equipment involved in train operation, knowledge of reliability and safety is essential for the railway engineers as well as engineers from the industry dealing with railways. The STTP on RAMS (Reliability, Availability, Maintainability and Safety) aims to provide awareness of RAMS and techniques for achieving the required levels of reliability and safety.

Who Should Attend

- Engineering students
- Railway engineers, engineers engaged in railway operation, research and design activities, and Safety engineers
- Metro rail engineers
- Engineers from the railway industry

Gautam Buddha University
Greater Noida

ANNOUNCES

Two Day Workshop on

RAMS – Reliability, Availability, Maintainability and Safety (22nd April 2019)

Organised by

Centre of Excellence Rapid Alternative Energy and Mobility (RAEM)
Gautam Buddha University, Greater Noida,

Technical Experts

- Shri Sharat Sharma, Former Director (Operations), DMRC
  Member Joint Consultative Committee RAEM
- Dr. Mukul Verma, Former Professor & Dean IRISET
  Member Joint Consultative Committee RAEM

Benefits of Attending the Course

Participants will

- Get acquainted with RAMS parameters
- Get familiarized with tools for prediction and analysis of Reliability and Safety – Failure modes, effects, and criticality analysis (FMECA), Fault tree analysis (FTA), Reliability block diagram (RBD)
- Get acquainted with the safety standards for railways – CENELEC 50126, 50128, 50129, and 50159
- Get introduced to Reliability apportionment and Safety Integrity Levels (SIL)

Course Topics

1. Principles of Reliability Engineering
2. Principles of Safety Engineering
3. Failure Analysis
4. Introduction to Railway Safety Standards – CENELEC 50126, 50128, 50129 and 50159

Registration Fee

Participation from Industry	: Rs. 500/-
Students/Scholars	: Rs. 100/--
Academicians	: Rs. 100/-

*Paid accommodation will be provided subject to availability

Date and Venue

APRIL 22ND 2019
SCHOOL OF ICT, GAUTAM BUDDHA UNIVERSITY
GREATER NOIDA (UP)

For any queries feel free to contact us at:

For registration and other details refer website: **www.gbu.ac.in**
vidushi@gbu.ac.in, rmishra@gbu.ac.in
Mobile: 9871545049, 9717949251
Sponsors for the event are invited.