

REGISTRATION DETAILS:

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Please search for “OCC Executive Training for Rail Transport” event

Registration Fee: Rs. 2000/- (Including GST)

Registration is limited and on first come first served basis.

DATES TO REMEMBER

Last date for applying : **10th November 2020**

Confirmation to the participants : **13th November 2020**

*E-Certificate will be provided to registered participants only.

ADDRESS FOR COMMUNICATION

Dr. Gajanand Gupta

Assistant Professor (Sr.)

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Email: gajanand.gupta@vit.ac.in

School of Mechanical Engineering (SMEC)

VIT Chennai, Vandalur - Kelambakkam Road,

Chennai, Tamil Nadu, India - 600 127

VIT CHENNAI

VIT for the past 35 years has made a mark in the field of higher education in India imparting quality education in a multicultural ambience, intertwined with extensive application-oriented research. VIT was established with the aim to provide quality higher education on par with International Standards.

It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. VIT was established by a well-known educationalist and former parliamentarian, Dr. G. Viswanathan, Founder and Chancellor, a visionary who transformed VIT into a centre of excellence in higher technical education. **Govt. of India recognized VIT as an Institution of Eminence (IoE)**. ARIIA, Govt. of India recognized VIT as a No. 1 Private University for Innovation. MHRD, Govt. of India ranked VIT as No.18 among the Engineering Institutions (NIRF-2019 ranking). VIT Chennai is ably spearheaded by Dr. Sekar Viswanathan, Vice President, Dr. Sandhya Pentareddy, Executive Director, Dr. Rambabu Kodali, Vice-Chancellor and Dr. V. S. Kanchana Bhaaskaran, Pro-Vice-Chancellor. They share in the mission to make VIT a global centre. The focus is:

- To maximize the industrial connectivity
- To create Centers of Excellence in contemporary areas of research
- To enrich technological and managerial human capital nurtured in a multicultural ambience
- To provide a common platform for the agglomeration of ideas of personnel from various walks of life for learning enrichment
- To create opportunities and exploit the available resources to benefit industry/society
- To encourage participation in the National Agenda of knowledge building
- To foster international collaborations for mutual benefits in areas of research
- To maximize the Industrial connectivity
To create Centers of Excellence in contemporary areas of research
- To enrich Technological and Managerial Human Capital nurtured in a multicultural ambience

VIT – A Place to learn; A Chance to grow
VIT – Recognised as an Institute of Eminence (IoE)



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)
CHENNAI

Presents

**Online Executive Training
on
Operation Control Centre (OCC)
for Rail Transport**

**21/11/2020, 28/11/2020 & 5/12/2020
(Total Duration 15 hrs.)**

Coordinator

Dr. Gajanand Gupta

School of Mechanical Engineering

VIT Chennai



ABOUT SMEC

The School of Mechanical Engineering (SMEC) at VIT Chennai was established to impart state-of-the-art education, training, and research in the field of Mechanical Engineering. SMEC provides undergraduate program B.Tech Mechanical Engineering and B.Tech Mechatronics and Automation Engineering and postgraduate program M.Tech (CAD/CAM) and M.Tech (Mechatronics) and Ph.D. / M.Tech (Research). The School has qualified faculty members with an excellent theoretical background and valuable industrial experience in diverse fields like Design & Automation, Thermal, CAD/CAM, Manufacturing, Mechatronics, Energy & Environment, and Nanotechnology. The COVID '19 pandemic has shattered the regular academic activities. However, our SMEC team is still able to cope with the challenges and rise to the occasion by arranging the seminars, workshops, and conferences on a digital platform.

ABOUT THE PROGRAM

Operational Control Centre is a centralized location from where representatives of all rail sub systems monitor, operates & control assets & sub system for smooth operation of rail system. OCC is an important part of any rail transport system which facilitates proper communication between field teams and management of rail sub systems. The training program will provide the guidance for design, development, monitoring, operation and maintenance of rail sub systems for rail transit systems (RTSs)

WHO CAN JOIN

All engineers including designers, construction, testing & commissioning teams and operational teams, managers and decision makers of rail transport systems can join this program. Participants are requested to attend the online meeting and discussion over Zoom online platforms. The detailed scheduled and meeting link would be announced later by an email after the registration and payment.

RESOURCE PERSONS



**Mr. Ennam
Bhogeeswara Rao**
General Manager, CRSCD,
India



Mr. V. Hari Narayana
Chief E & M Engineer, Sai
Consulting Engineers Pvt. Ltd,
India



Mr. Dinesh Chandra Joshi
Chartered Engineer (CEng.MIET),
PGDM (Operation Management)
Traction Power Supply - O&M Expert
and Team Leader
Padeco - ACPI JV, Mumbai



Dr. Gajanand Gupta
Assistant Professor (Sr.)
Vellore Institute of
Technology, Chennai, Tamil
Nadu, India

CONTENT OF THE TRAINING PROGRAM

1. Introduction of Operational Control Centre
2. Types of Operational Control Centre
3. Design of OCC
4. IT Infrastructure for OCC
5. Electrical & Mechanical Infrastructure for OCC
6. HVAC for OCC
7. Operation and Maintenance of OCC E & M installations
8. OCC as a monitoring and control center
9. OCC as a disaster management center

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