

K. K. Wagh Education Society's  
**K. K. Wagh Institute of Engineering Education and Research**

Hirabai Haridas Vidyanagari, Amrutdham, Panchvati, Nashik, Maharashtra-422003

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(Affiliated To Savitribai Phule Pune University And Approved By AICTE, New Delhi)

**Department of Electronics & Telecommunication Engineering in collaboration  
with IETE Nashik Sub-Center**

**Organized**

**Webinar on occasion of Engineer's Day on  
"Industrial & Rolling Stock Applications of Power Electronics"**

**By,**  
**Mr. Hitesh Dhokiya**  
**Head of Engineering and R&D**  
**Siemens India Ltd.**

**On 15<sup>th</sup> September 2020 from 03.00 PM to 04.00 PM**

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**Webinar on occasion of Engineer's Day on  
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**By**  
**Mr. Hitesh Dhokiya**  
**Head of Engineering and R&D Siemens India Ltd.**

  
**Mr. Hitesh Dhokiya**

**On 15<sup>th</sup> September 2020 from 03.00 PM to 04.00 PM**  
**Meeting details: <https://attendee.gotowebinar.com/register/110540910628955147>**

## SUMMARY:

The E & TC department of K. K. Wagh Institute of Engineering Education & Research, Nashik in collaboration of IETE Nashik sub-center organized webinar on the occasion of Engineer's Day on 15.09.2020.

A webinar was conducted by Mr. Hitesh Dhokiya, Head of Engineering and R & D Department, Siemens India Ltd on "Industrial & Rolling Stock Applications of Power Electronics". The programme started by paying tribute to Sir M. Visvesvaraya, Bharat Ratna recipient & engineering pioneer of India. Then Prof. D. M. Chandwadkar (Hon. Chairman, IETE Nashik Sub-Center & HOD, KKWIEER) welcomed the guest & underline the importance of this day. The resource person Mr. Hitesh Dhokiya was introduced by Mr. P. J. Mondhe to the audience. Mr. Dhokiya is a Power Electronics graduate with PG Diploma in Business Administration and Management & has more than 23 years of experience in industrial power electronics as well as rolling stock engineering and manufacturing industries. He has worked with reputed MNCs such as Siemens, Bombardier Transportation, Schneider Electric and General Electric.

The webinar was attended by more than 150 participants including engineering students, faculty & IETE members. The session was followed by question – answer session. Dr. Nilesh Kasat (West Zone Mentor, IETE & Professor in Sipna College of Engg & Technology, Amravati) and Mr. Sudhir Sambrey, Chairman, IETE Aurangabad Center have also actively participated in the webinar. The vote of thanks was proposed by Dr. S. P. Ugale (Join-Secretary, IETE Nashik Sub-Center & Associate Professor, KKWIEER).

Now viewing Dhokiya Hitesh Kumar's screen  
Talking: Dhokiya Hitesh Kumar  
Webcams: [icon] Zoom: 41% Screenshot [icon]

Attendees: 158 of 1001 (max)  
Attendees (150) Staff (8)  
NAMES - ALPHABETICALLY

- Puja Patil
- Rajeshree Girase
- Ramesh Khinde
- Ritu Pandey
- Rohit Patil
- Rupali Chothe
- Rupali Jadhav (Offline)
- Rushabh Surana
- Rutuja Nitin Hingmire
- Sagar Shinde
- Sandeep Khair
- sandeep Shinde
- sandip gangurde
- SANKET MONDHE
- Shivani Bhoi
- shraddha shelke
- Shradha Gund
- Shreya Bari
- Shweta Kharde
- SMITESH JOSHI
- Sudhir Sambrey
- supriya adkar
- Tanmay Patil
- Tanmay Patil
- Tejas Kukde
- Umesh Vyas
- Valbhavi Javare
- Vandana Bagal
- Vidya Khapli
- Vikas Barkale
- Vrushali digholkar
- Vrushali Taware
- Yogita Wagh

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Engineer's Day Function 2020  
Webinar ID: 136-679-739

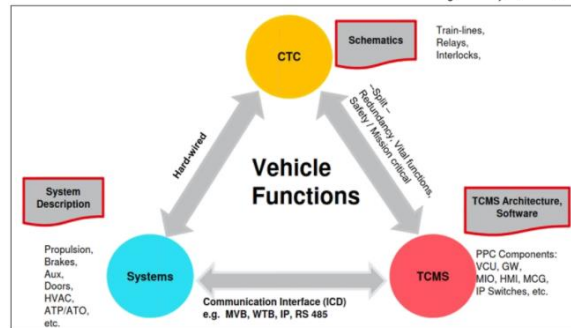
This session is being recorded.

GoToWebinar

15:29  
15/09/2020

## What is a Train Control & Management System

**SIEMENS**  
Ingenuity for life



### Train Control & Management System performs:

- Performing the functional onboard integration of all subsystems. It's the nerve system of the train!
- in average answers to 1500 – 2500 customer requirements and facilitates RAMS.
- The "glue" between vehicle functions and subsystems, and is the gatekeeper for valuable data!
- Steers and monitors the performance of the train and every system.
- An increasingly important enabler for the after sales market and maintenance/LCC improvement
- Standardized and Re-Used across the Train and Vehicle Platforms
- TCMS goes hand in hand with electrical wiring.

Vehicle and train process control, System diagnostics for CM/PM, Process visualization, On-board communication n/w between all subsystems within and between trains, Wireless Train-to-wayside communication, Passenger information and entertainment, Contains hardware devices such as controllers, I/O units, HMIs, third party devices,