

8th September 2020



ETSD SEMINAR SERIES

- Series 2: Industrial Development and Operational Processes (IDOP)
- **Session 2: Automotive NPI process**
- Center for Emerging Technologies for Sustainable Development (CETSD) in collaboration with Department of Mechanical Engineering and DQMS
- at IIT Jodhpur
- Save the Date: **8th September 2020**, Time: 5.00pm

Communication Protocol for the Webinar – Google Meet

- Audience/listener-please keep you MIC muted & video off
- Audience /listener-Speak only when moderator says its your turn
- Audience /listener-Use chat option to write the question you want to ask.

Preface

With government putting emphasis of Atmanirbhar Bharat, Digital India, Skill India and Make in India, we need to understand that this can be achieved if our Manufacturing is localized and is connected using thoughts from the above four phrases on India's plate.

Skilling of personnel towards manufacturing and production management in an automated manner will help industries in the near future. Design which is aesthetically pleasing, and Quality that can be dependable are the major requirements of most of the consumers or customers. For providing the best design and quality, the personnel should have the best skill set.

Skill development therefore towards the practices in a manufacturing Industry is thought here as a subject in this webinar. We are collaborating to DQMS Engineering India, Ltd.

With this webinar, we will:

1. We will discuss and share ideas and knowledge which are
2. Provide an overview of latest in design and manufacturing supply chain(SDGs)
3. Explore the opportunity to generate interest in skill development in supply chain industry

Title of the Talk	Subject Area	Speaker
Automotive NPI process	Automotive Design and Manufacturing, Industry 4.0 IOT	Mr. Yogesh Ramaswamy- Delivery Head - Automotive & Aerospace *DQMS P LTD

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Mr. Yogesh Ramaswamy

You Can Envisage These during the presentation

Automotive NPI process – overview

- Personal introduction
- DQMS company brief
- Understanding Requirements
- Project Planning & Simultaneous Engineering
- Development team - Matrix structure
- Vehicle development process
- Vehicle architecture & primes selection
- Detailed design & Systems Integration
- Design Verification & Validation
- Parts development , Prototyping , Pilot & production planning
- Homologation
- Vehicle Launch and product sign off

**Making Bharat
smart and
intelligent
Vehicle
manufacturing
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