

# 5<sup>th</sup> and 7<sup>th</sup> October 2020



## ETSD SEMINAR SERIES

- Series 3: Emerging Engineering Horizons – Indian Defense Sector
- **Session 1: Challenges and Opportunities in Aerospace Industry in India**
- **Session 2 : Introduction to Guided Weapon systems – Air , land & underwater systems & operational methods**
- Center for Emerging Technologies for Sustainable Development (CETSD) in collaboration with Department of Mechanical Engineering and DQMS
- at IIT Jodhpur
- Save the Dates: **5<sup>th</sup> and 7<sup>th</sup> October 2020**, Time: 5.30pm

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

India seeks to empower the domestic defense industry through the 'Make in India' initiative with the eventual aim of turn the nation into a global manufacturing hub. Foreign manufacturing firms can now invest up to 74% in defense manufacturing.

The mantra to achieve this is – Manufacturing Skills, Indigenous Productivity, Newer Materials, Design Competitiveness and Technology Leadership for defense sector of India. This whole thing of self-reliance and indigenization needs a new ecosystem designed, implemented, monitored. The defense ministry has set a goal of a turnover of USD 25 billion (Rs 1.75 lakh crore) in defense manufacturing in the next, five years that included an export target of USD 5 billion (Rs 35,000 crore) worth of military hardware.

Requirements to manufacture and develop indigenously by an indigenous company, such as Infrastructure, Research and development center, skill development centers should be setup.

Here Department of Mechanical Engineering joins with DQMS Engineering India, Ltd to bring to you the out look and important areas in defense mainly the Aerospace sector.

With this webinar, we will:

1. We will discuss and share ideas and knowledge which are
2. Provide an overview of challenges in aerospace and defense manufacturing
3. Explore the opportunities of defense related production in India

Title of the Talk	Subject Area	Date and Time	Speaker
<b>Challenges and Opportunities in Aerospace Industry in India</b>	Manufacturing, Aerospace, Defense	5 <sup>th</sup> October 2020, 5.30pm	Mr. Yogesh Ramaswamy- Delivery Head - Automotive & Aerospace DQMS Pvt LTD, DQMS Engineering
<b>Introduction to Guided Weapon systems – Air , land &amp; underwater systems &amp; operational methods</b>	Manufacturing, Aerospace, Defense	7 <sup>th</sup> October 2020, 5.30pm	Lt. Cdr Toni Thomas, COO, DQMS Pvt Ltd., DQMS Engineering

Note: Mission Raksha Gyan Shakti for Intellectual Property Rights (IPR) in Defense Production Ecosystem is something people have to look forward for research, design and development of entrepreneurship in the defense sector.