

## **FACULTY TRAINED BY INDUSTRY**

### **2 Days Tata Technologies Training Program to Faculties**



## 10 Days Training Program To Faculties conducted by Dassault systems




**Company: Tata Motors**

**Date: 30/4/2020**

**Topic: Emerging processes in Product Design & Development**

6:17 PM Thu 30 Apr  
Andrew PELLAI is taking

**About the Speaker**



**SANJIV S. MANTRI**

**Chief Engineer**  
**TATA MOTORS LTD**  
Total experience – 35 years

**Work Experience**

- Delivered many projects in domestic & international market
- LEAD – VEHICLE INTEGRATION – Design & Integration of Aggregates to meet the required style & architecture
- Built in required Attributes viz. Ergonomics, Dynamics, & performance to meet competition. Balancing Design, CAE, CFE, ADAMS, Validation of design & Homologation
- Lead Chassis Design – Design Development, Vehicle Dynamics
- Methods & Processes – Design Capability Enhancement Projects
- Lead Management Drive – Design Automation, Strategy Development, for & Others
- Also Worked in – Kirloskar Oil Engines, Jaskol Hindustan Ltd – Design Of Diesel Engines, Scaling & Scaling Systems

**ACHIEVEMENTS**

- Champion Team Award – Tata Motors Ltd.
- Design Recognition / Award by JRL
- Distinction of being recognized for the Patents, Copyrights, Reports, etc.
- Presentations in National & International Conferences

**Education**

- ME Design (1984)
- Strategy Development – Eas. prog. 304 Kolkata (2012)

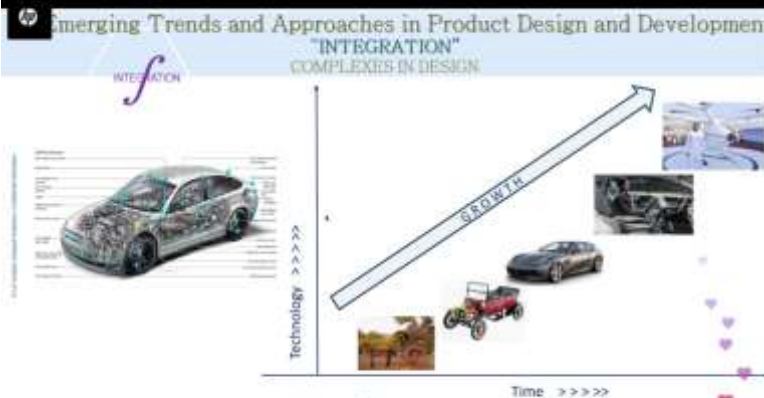
**DESIGNABLE SYSTEMS**  
by Autodesk

8.9K

6:23 PM Thu 30 Apr  
Sanjay Mantri is taking

**Emerging Trends and Approaches in Product Design and Development**

**"INTEGRATION"**  
COMPLEXITY IN DESIGN



**DESIGNABLE SYSTEMS**  
by Autodesk

21.3K

## CERTIFICATE OF PARTICIPATION

Awarded to

**Chetan Papade**

From N.K.Orchid College of Engg. & Tech.

For attending a session

"Emerging Processes in Product Design and Development"

As part of Webinar Series

To Guide Students to Select Meaningful Engineering Projects

April 30, 2020



**Hemant GADGIL**  
Executive Director  
Dassault Systèmes Foundation, India

## CERTIFICATE OF PARTICIPATION

Awarded to

**Dr Shriniwas Metan**

From NKOCET

For attending a session

"Emerging Processes in Product Design and Development"

As part of Webinar Series

To Guide Students to Select Meaningful Engineering Projects

April 30, 2020



**Hemant GADGIL**  
Executive Director  
Dassault Systèmes Foundation, India

**Company: CoE Aerospace and Defence Bangalore**


**Date: 07/05/2020**

**Topic: Skilling Work Force of the Future – Aerospace Domain**

6:18 PM Thu 7 May  
Hemant Sankar is talking

**About the Speaker**

**CD BALAJI, Distinguished Scientist**  
Chairman, Centre of Excellence in Aerospace & Defence (CoE A&D) Former Programme Director (Combat Aircraft) & Director, ADA  
Total experience – 43 years



**Work Experience**

- Commissioned into the Indian Navy in Sep-1978 – Specialized in the Naval Aviation Arm
- Worked in Aeronautical Development Agency in as a Project Director in Light Combat Aircraft (LCA Navy) (then)
- Was Responsible for the design, development, building and flight testing of LCA(Navy) Prototypes at ADA.
- Permanent absorption to ADA and rise to the grade of a Distinguished Scientist
- Secretary ADA for over 10 years. He was appointed in the position of The Programme Director (Combat Aircraft) & Director
- Currently mentoring a Centre of Excellence in Aerospace & Defence which aims to skill enhancement of Engineering students.

**ACHIEVEMENTS**




- Was Responsible for the build of the Air Force Trainer Prototypes, with the first prototype flight in Mar 2009
- Was responsible for conceptualizing and building the Short Based Test Facility (SBTF), replicating the aircraft carrier with air-jump for take off and landing gear for recovery of the aircraft

**Education**

- Mechanical Engineer – Bangalore University
- Masters Degree in Aerospace Engineering from Indian Institute of Science, Bangalore.

**CD BALAJI**


6:25 PM Thu 7 May  
CD Balaji is talking


**Skilling "Work Force of the Future" – Aerospace Domain**

**Webinar-2: 07 May 2020**  
**"To Guide Students to Select Meaningful Engineering Projects"**  
**(La Fondation Dassault Systemes)**

**Comdr. CD Balaji (Retd)**  
**Distinguished Scientist**  
Chairman, Centre of Excellence in Aerospace & Defence  
Former Director, Aeronautical Development Agency (ADA)



**Centre of Excellence in Aerospace & Defence (CoE A&D)**  
Govt. of Karnataka





**Company: L and T**

**Date: 21/5/2020**

**Topic: Integrated systems and innovation in Defence**

WhatsApp chat interface showing a profile card for Nandkumar Athawale.

WhatsApp: 812 PM - Thu, 21 May  
Nandkumar Athawale is talking

**About the Speaker**

**Mr. Nandkumar Athawale**  
Vice President – Design & Engineering Centre – Defence & Aerospace  
Total experience – 36 years

**Work Experience**

- Joined Larsen & Toubro Limited in 1984 after Post Graduation.
- First 17 years, worked as Design and Product Engineer for Process Plant Equipment. He has designed numerous equipment, which were then being designed in India for the first time, e.g. Hydrocracker Reactor, Ammonia Converter, Reformed Gas Waste heat boilers etc.
- He worked in Indonesia for brief period of 2 years, to establish Design & Engineering Centre in emerging Equipment manufacturing industry, before joining back at L&T.
- In 2001, he was moved to Business development of Defence equipment business. He seeded and developed the Radar Systems business in L&T.
- Last 19 years, he has been in Defence business leading various functions such as business development, Design & Engineering, Project Management, Partner development etc.
- Currently he is leading "Design & Engineering Centre" for Defence & Aerospace for L&T – Defence Division.

**Education**

- M. Tech. (Mechanical), IIT, Madras in year 1986.

**Nandkumar Athawale**

WhatsApp chat interface showing a presentation slide titled "INTEGRATED SYSTEMS & INNOVATIONS DEFENCE SYSTEMS".

WhatsApp: 817 PM - Thu, 21 May  
Nandkumar Athawale is talking

**INTEGRATED SYSTEMS & INNOVATIONS  
DEFENCE SYSTEMS**

**WEBINAR – LA FONDATION DASSAULT SYSTEMES**

**BY  
NANDKUMAR ATHAWALE – L&T DEFENCE**




21 May 2020      COMMERCIAL IN CONFIDENCE



5:31 PM Thu 21 May

L&T Defence

## SHIP STABILISED VERTICAL LAUNCHER

- Stabilized Mass :6 T
- Roll :+/- 10 Deg.
- Pitch :+/- 5 Deg.
- Wind Speed :70 kmph
- Error (Roll/Pitch) :Within +/- 1"

21 May 2020 COMMERCIAL IN CONFIDENCE

5:18 PM Thu 21 May

L&T Defence

## Plastisol Coating for Cast Parts




- Uniform thickness
- No drip marks

21 May 2020 COMMERCIAL IN CONFIDENCE 36

**DASSAULT SYSTEMES**  
— La Fondation —

## CERTIFICATE OF PARTICIPATION

Awarded to

**satish kumar**  
From NKOCET SOLAPUR

For attending a session  
"Integrated systems and innovation in Defence"

As part of Webinar Series  
To Guide Students to Select Meaningful Engineering Projects

May 21, 2020

  
**Hemant GADGIL**  
Executive Director  
Dassault Systemes Foundation, India

**DASSAULT SYSTEMES**  
— La Fondation —

## CERTIFICATE OF PARTICIPATION

Awarded to

**Mallikarjun Awate**  
From N. K. ORCHID College of Engineering & Technology, Solapur.

For attending a session  
"Integrated systems and innovation in Defence"

As part of Webinar Series  
To Guide Students to Select Meaningful Engineering Projects

May 21, 2020

  
**Hemant GADGIL**  
Executive Director  
Dassault Systemes Foundation, India



**Company: VGYAN ASHRAM PABAL**

**Date: 28/5/2020**

**Topic: Rural Eco System : Gold mine of opportunities for students to make a mark**



**Company: Dassault Systems**

**Date: 18/06/2020**

**Topic: Launching new Product in 100 days from concepts to Manufacturing**



**Company: Dassault Systems**

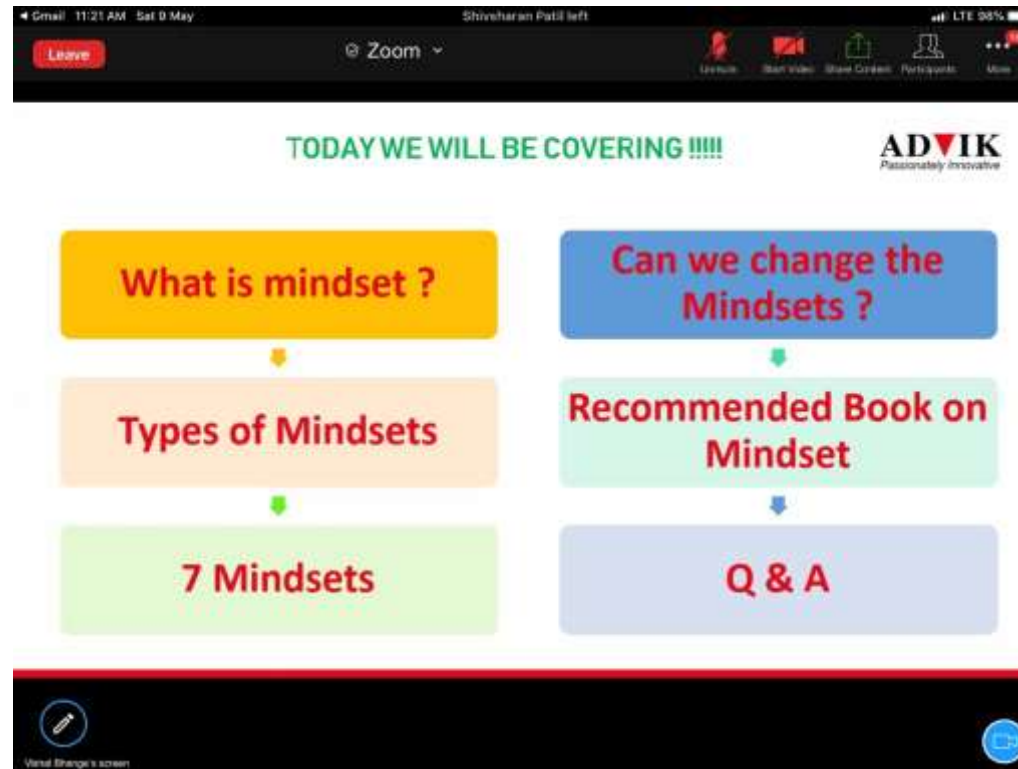
**Date: 04/06/2020**

**Topic: Transforming infrastructure industry opportunity for students of all streams**




**Company: Advik Hitech Pvt Ltd Pune**

**Date: 09-05-2020**




**Company : Eaton India Innovation Centre**

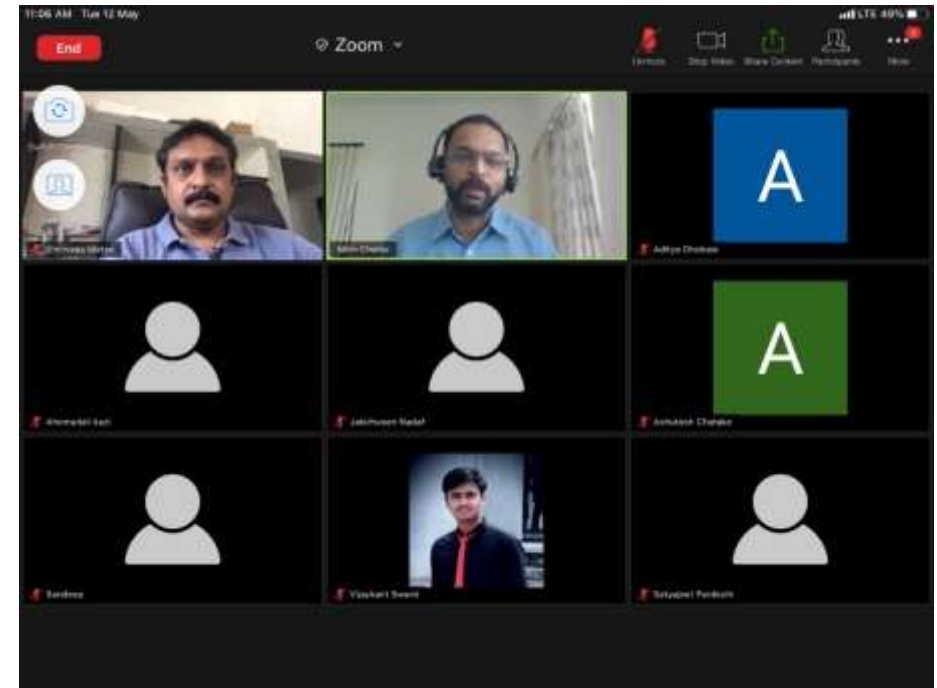

**Date: 12-05-2020**



**ORCHID**  
Hearty Welcome

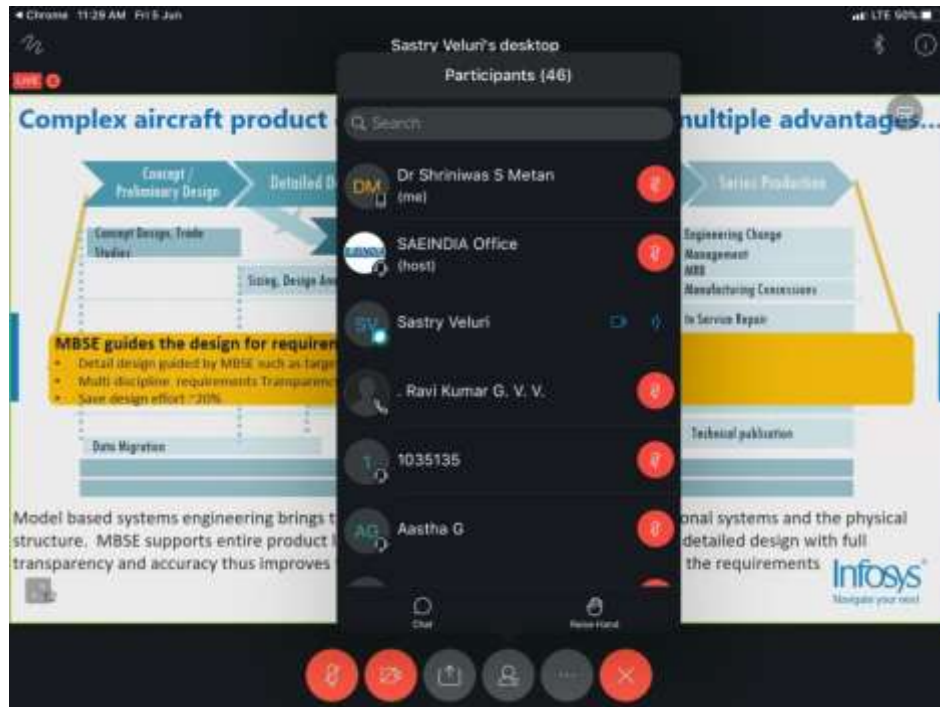


**Mr. Nitin Chalke**  
President – Hydraulics and Vehicle,  
Asia Pacific, Eaton



**Company: SAE India Western Section**

**Date: 05-06-2020**

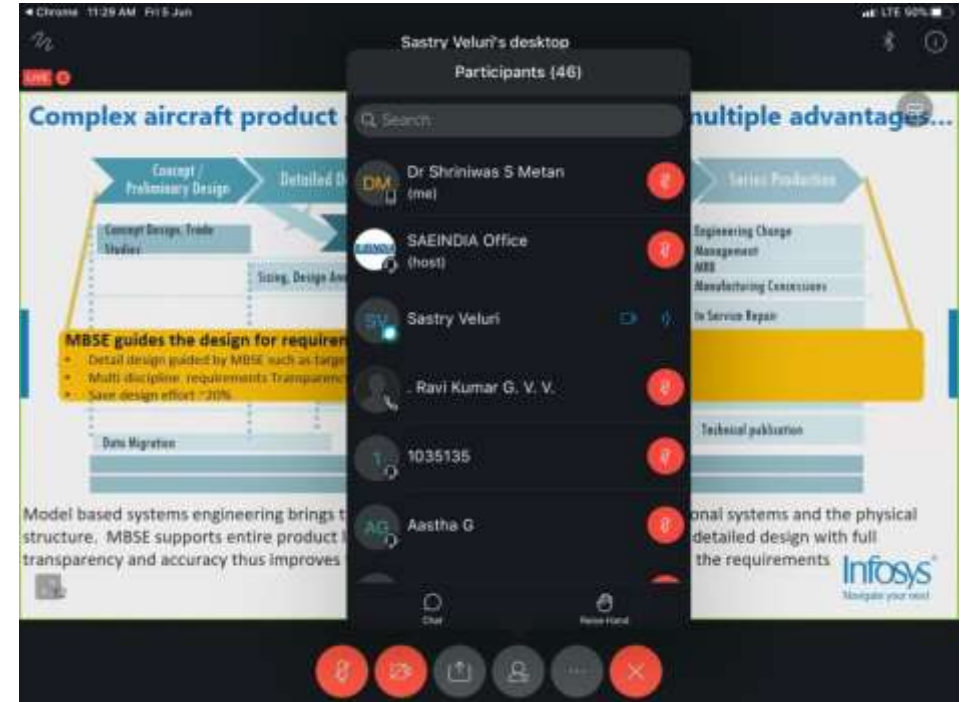
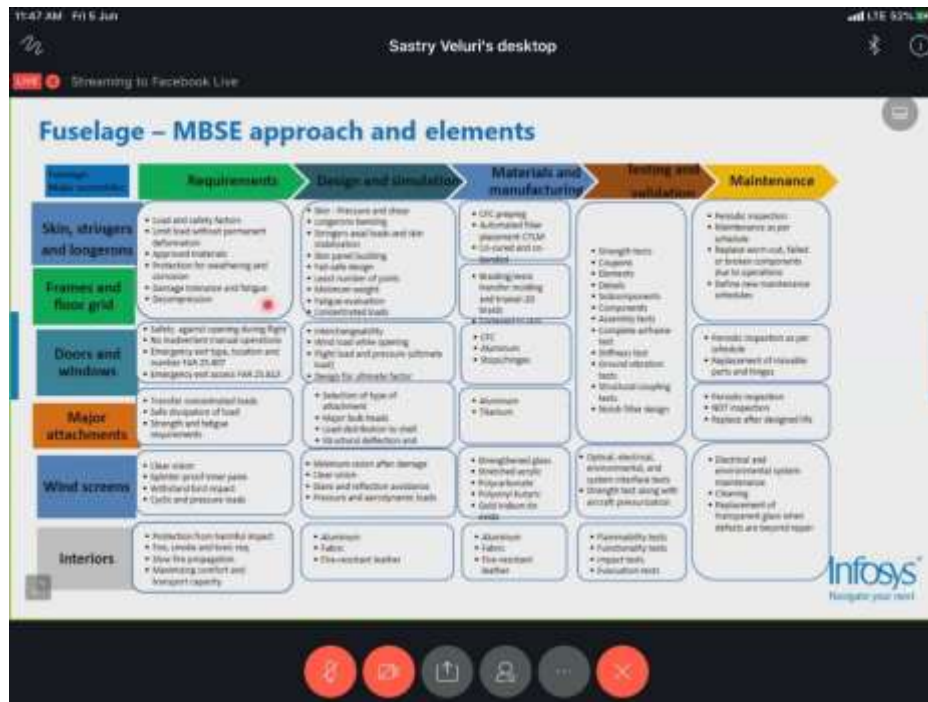


Certificates:



Company: Infosys

Date: 05-06-2020




**Company: Dassault Systemes Pune**

**Date: 30-04-2020**

4:19 PM Thu 30 Apr  
Sangiv Mantri is talking

ENTERING GLOBAL B-UNIVERSITY

- What I have Achieved in College
  - Best individual
  - Little team work – in projects, sports
  - Proved to Work on defined problem
- Requirement in Industry :
  - Team Player – Best Individual
    - Functional expertise
  - Leader – Extracts best from team
  - Deliver results when problem definition is hazy
  - Expanding boundaries, Futuristic vision
  - Conflict management
  - Be A Business Partner not a mere employee
- Role Clarity : Within Overlapping functions & Transparent boundaries
- Understanding sensitivities of other functions
- Strategic Thinking - Looking into future



LaZmoon

11K


4:06 PM Thu 30 Apr  
Sangiv Mantri is talking

ABSTRACT DESIGN - ATTRIBUTES

ABSTRACT ATTRIBUTES, UNEXPECTED IMPROVEMENTS GIVES DELIGHT

► DESIGN FOR

- ▷ APPEARANCE
- ▷ SOUND QUALITY
- ▷ NVH
- ▷ HAPTICS
- ▷ SMELL
- ▷ WEIGHT
- ▷ OPTIMISATION
- ▷ DESIGN VARIATION ANALYSIS

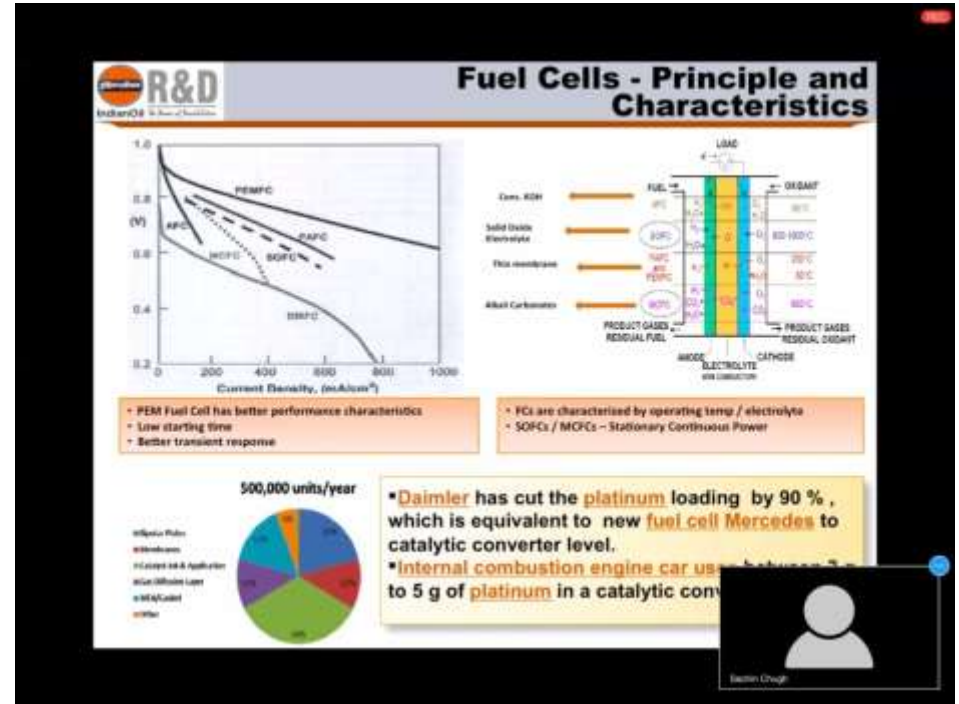
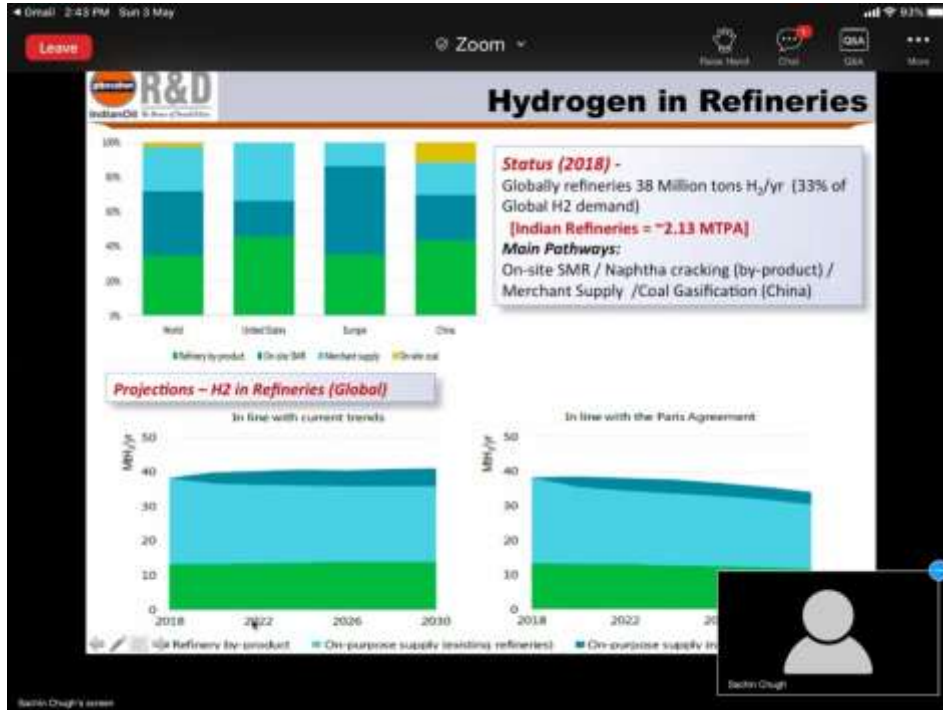


HAPTICS

Artificial skin could help rehabilitati...

23.7K

**Date: 03-05-2020**




**Company: Solid Works**

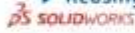

**Date: 05-05-2020**

Chrome 3:12 PM Tue 5 May Rupesh Pawar is talking

## Summary of Challenges without Data Management

- ▶ Backup and Security
- ▶ Finding the Right Documents
- ▶ Version Control
- ▶ Change Management
- ▶ Scalability and Flexibility
- ▶ Multi-user Collaboration
- ▶ Multiple Databases
- ▶ Management across Project Lifecycle
- ▶ Compliance with various Standards
- ▶ Reusing existing and standard Designs



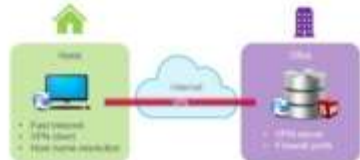
11:  



♥ 194

Chrome 3:16 PM Tue 5 May Rupesh Pawar is talking

## Access data remotely during Lockdown

- ▶ VPN is required to connect PDM with remote machine.
- ▶ Access to Engineering Data remotely.
- ▶ Data is transferred from Server to Client machine using internet via secured VPN.
- ▶ All stake holder have access to the common data.
- ▶ Collaborate while working remotely.



11:  

♥ 270

**Company : La Fondation Dassault Systems**

**Date: 05-05-2020**

5:50 PM Tue 5 May

CamScanner

## Purpose


To build databases of industry-grade 3D CAD models (parts and assemblies)

- Emulate CAD databases of real companies from the manufacturing industry
- Follow industry processes, standards and best-practices
- Use xDesign, xShape, SOLIDWORKS, CATIA V5(if access to other apps not available) and 3DEXPERIENCE Platform for overall project.

To provide industry oriented internship opportunities to students.

- To provide an enriching learning experience to students
- Chance to get acquainted with 3D digital design tools
- Chance to learn and understand industry processes, standards and best-practices

10

 DASSAULT SYSTEMES

5:13 PM Tue 5 May

Microsoft PowerPoint - Library

Design Tools

Paragraph


Arrange


Drawing

## Lifts

Attendees

- Dr. Sanjay Lakade
- Jayesh Pawar
- Makarand Apte
- Manish Mittha
- Nitin Atak
- Prasad Kulkarni
- Principal NKOCET
- Sanjay Matekar
- Vinay Tigadi



 DASSAULT SYSTEMES



**Company: Mastersoft ERP Solutions Pvt**

**Date:20-05-2020**





