



# CHHATRAPATI SHIVAJI MAHARAJ INSTITUTE OF TECHNOLOGY

Affiliated to the Mumbai University, Approved By AICTE - New Dehli.

DTE Maharashtra (DTE Code : 3477)

St. Wilfred's Education Society, Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel - 410206.

Tel.: 0214 - 239091 / 61. Mob.: +91-92234 34581 / 92244 34581. Email : swc.mumbai@gmail.com

## WEBINAR ON FUTURE SCOPE AND CARRER OPPORTUNITIES IN MECHANICAL INDUSTRY

20<sup>TH</sup> JANUARY 2022

Organized by  
Department of Mechanical Engineering

### ABOUT THE PROGRAMME

Revolutionary industry changes along with the severe decline in available opportunities during covid period have caused major impacts on graduates worldwide.

This webinar emphasizes the recent carrer opportunities in mechanical industries. It will bring about awareness among participants on current trends and their applications in industry and research area. Innovation has the capability of saving the world without stopping So, we must take advantage of this seminar for creating a better world.

**CHHATRAPATI SHIVAJI MAHARAJ INSTITUTE OF TECHNOLOGY**  
DEPARTMENT OF MECHANICAL ENGINEERING

### WEBINAR ON

#### Future Scope & Career Opportunities in Mechanical Industry

- How to Secure the 1<sup>st</sup> Job.
- Careers Abroad.
- Guidelines to Secure Job in MNCs.

#### Speakers

**Mr. Nikesh Desai**  
Quality Manager  
Jacobs Engineering

**Mr. Aatish D. Rane**  
Aerospace Industry  
Max Aerospace

**Prof. Prathamesh Sawant**  
Piping Industry  
Patvin Engineering

Dr. Dharmendra Dubey | Er. Manoj Dongare | Er. Neeta Gawade  
Principal | HOD | Webinar Co-ordinator

Excel Career is presenting

**About Prof. Aatish Rane**

Founder of ETI, Excel 360 & Epsilon Consulting Services

- Design Engineer at Max Aerospace and Aviation (2 Years Experience).
- 5 years experience as Trainer for HVAC.

9:06 AM | efu-jhwf-zon

PROF. ATISH RANE, presenting during the conference

Excel Career is presenting

**SCOPE & OPPORTUNITY**

- MANUFACTURING INDUSTRY
- ASSEMBLY UNIT
- TECHNOLOGY PROVIDER
- MRO

9:07 AM | efu-jhwf-zon

Excel Career is presenting

**AEROSPACE AND DEFENCE**

Logos include: HAL, DRDO/IAF/BRD/ISRO, Private Companies, Consultancy, ZEUS NUMERIX, LOCKHEED MARTIN, Max AeroSpace, MANASTU SPACE, DASSAULT AVIATION.

9:11 AM | efu-jhwf-zon

Excel Career is presenting

# DESIGN ENGINEERING

**01**

CALCULATION

DESIGN DATA

1. ASME
2. ASHRAE
3. IS

**02**

COMPUTER AIDED DESIGN (CAD)

SOFTWARES

1. AUTOCAD
2. Solidworks
3. Catia
4. UGNX
5. Inventor
6. Solid edge
7. PDMs
8. SP3D
9. PVELITE

**03**

CAE/CFD

SIMULATION

1. ANSYS
2. Matlab
3. Comsol
4. Caesar II
5. Aspen

9:13 AM | efu-jhwf-zon

Excel Career is presenting

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**03**

CAE/CFD

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9:14 AM | efu-jhwf-zon

Excel Career is presenting

# AEROSPACE AND AVIATION

- 01** SCOPE & OPPORTUNITY
- 02** AEROSPACE AND DEFENCE
- 03** CIVIL AVIATION
- 04** SKILLS

9:07 AM | efu-jhwf-zon

Excel Career is presenting

9:14 AM | efu-jhwf-zon

Windows taskbar: Type here to search, 28°C Light rain, 9:14 AM 1/20/2022

Browser: meet.google.com/efu-jhwf-zon

Participants: Shabih, ETI Sales, Sanmesh Bende, BUKHARI TAABISH, 364\_MANE SURAJ BA..., 259\_UGHADE SOMNA..., 22 others, You

Excel Career is presenting

Figure 7-1 - Total deformation plot for Buckling Analysis of Grip installation unit (21kg down)

9:16 AM | efu-jhwf-zon

Windows taskbar: Type here to search, 28°C Light rain, 9:16 AM 1/20/2022

Browser: meet.google.com/efu-jhwf-zon

Participants: Shabih, ETI Sales, Sanmesh Bende, BUKHARI TAAB..., 364\_MANE SUR..., 23 others, You

People list:

- In call: Mechanical CSMIT (You), O08\_GHARAT PRIYANKA..., O26\_MALI PRATIK RAMC..., O39\_NIDHI SAMEER SANT..., O56\_SHINDE ASMITOSH..., O73\_YAMGAR PAWAN SHL..., 107\_PATIL SWARAJ PRA..., 133\_SHINDE YADNYESH V..., 155\_VASKAR PANKAJ PA...

Excel Career is presenting

## CAD-CAM

BASIC	ADVANCE	DOMAIN	CAM
SKETCHING PART MODELLING ASSEMBLY DRAFTING	WELDMENTS MOTION STUDY PARAMETRIC MODELLING SIMULATION SURFACING	SHEET METAL MOULD DESIGN JIG & FIXTURE DESIGN SPM	MATERIAL PATH GENERATION TOOL SELECTION CODE GENERATION

9:16 AM | efu-jhwf-zon

Windows taskbar: Type here to search, 28°C Light rain, 9:16 AM 1/20/2022

Browser: meet.google.com/efu-jhwf-zon

Participants: Shabih, ETI Sales, Sanmesh Bende, BUKHARI TAAB..., 364\_MANE S..., 313\_YADAV BIRENDRA NANHELAL joined, Shabih

People list:

- BUKHARI TAABISH
- ETI Sales Meeting host
- Excel Career
- Excel Career Presentation
- FabTech Engineers
- NIKESH DESAI
- Omkar Gharat
- Pranav H
- Sanmesh Bende
- SAURABH DESHMUKH
- Shabih

Excel Career is presenting

**About**

**Mr. Nikesh Desai**

He is a Quality Professional working with one of the fortune 500 US based MNC- Jacobs Inc. He is in a diverse role of Audit projects of different sizes and discipline. He holds a total industry experience of 7+ years and has worked with two firm in the past.

He is a certified Lead auditor for ISO 9001, 14001 and 45001. He is internal auditor for IATF 16949 and AS9100D.

9:21 AM | efu-jhwf-zon

28°C Light rain 9:21 AM 1/20/2022

MR. NIKESH DESAI, presenting during the conference

Excel Career is presenting

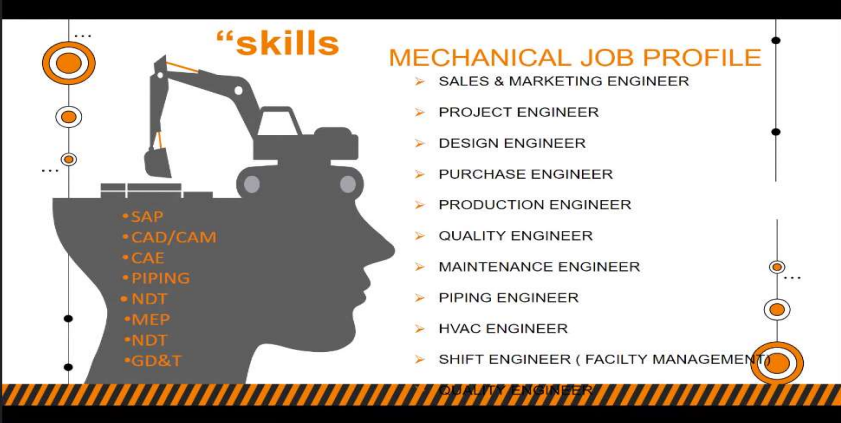
**His role in Quality**

- ❖ Handling Customer Audit & Supplier Audit
- ❖ Product & Process Audit
- ❖ Risk Analysis and Mitigation Plan
- ❖ Internal Quality Process of organization
- ❖ Inspection of process, product and system
- ❖ Root cause Analysis
- ❖ Creating forms, formats, procedures, systems for organization
- ❖ Delivering interdepartmental trainings on various quality topics.
- ❖ And many more....

9:26 AM | efu-jhwf-zon

28°C Light rain 9:26 AM 1/20/2022

Excel Career is presenting



**“skills”**

- +SAP
- +CAD/CAM
- +CAE
- +PIPING
- +NDT
- +MEP
- +NDT
- +GD&T

**MECHANICAL JOB PROFILE**

- SALES & MARKETING ENGINEER
- PROJECT ENGINEER
- DESIGN ENGINEER
- PURCHASE ENGINEER
- PRODUCTION ENGINEER
- QUALITY ENGINEER
- MAINTENANCE ENGINEER
- PIPING ENGINEER
- HVAC ENGINEER
- SHIFT ENGINEER ( FACILITY MANAGEMENT )
- QUALITY ENGINEER

10:11 AM | efu-jhwf-zon

051\_SHAIKH AFTAB A...

ETI Sales

Pranav H

NIKESH DESAI

Sanmesh Bende

Shabih

19 others


You

Type here to search

28°C Light rain

10:11 AM 1/20/2022

Excel Career is presenting



**“skills”**

- +SAP
- +CAD/CAM
- +CAE
- +PIPING
- +NDT
- +MEP
- +NDT
- +GD&T

**MECHANICAL JOB PROFILE**

- SALES & MARKETING ENGINEER
- PROJECT ENGINEER
- DESIGN ENGINEER
- PURCHASE ENGINEER
- PRODUCTION ENGINEER
- QUALITY ENGINEER
- MAINTENANCE ENGINEER
- PIPING ENGINEER
- HVAC ENGINEER ( FACILITY MANAGEMENT )
- SHIFT ENGINEER ( FACILITY MANAGEMENT )
- QUALITY ENGINEER

10:12 AM | efu-jhwf-zon

In-call messages

Messages can only be seen by people in the call and are deleted when the call ends.

051\_SHAIKH AFTAB ALAM NISAR AHMED 1:58 PM  
Sir one question.

Excel Career 1:58 PM  
Yes please @aftab

Excel Career 2:02 PM  
You can put your question here in chat box, will get back to you one by one...

Excel Career 2:03 PM  
NDT Level II  
Get relevant experience n move to NDT level III

NIKESH DESAI 2:12 PM  
Hi Aspirant! You follow me on LinkedIn for more guidance on Quality, production and QMS.  
<https://www.linkedin.com/in/nikesh-d-3b342837/>

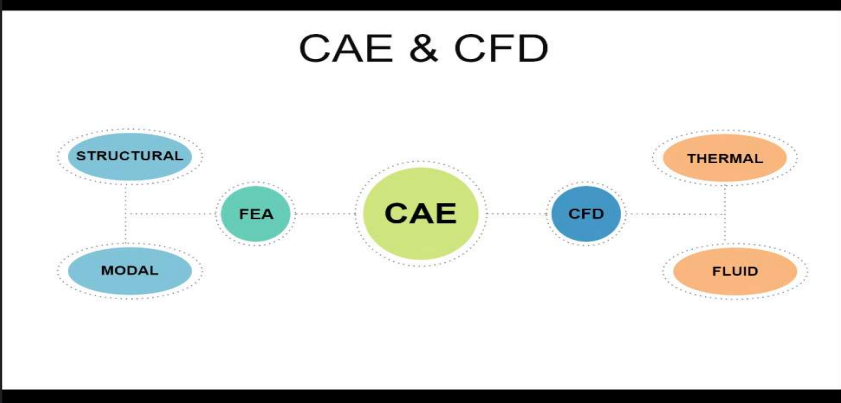
Send a message to everyone

Type here to search

28°C Light rain

10:12 AM 1/20/2022

Excel Career is presenting



**CAE & CFD**

STRUCTURAL

MODAL

FEA

CAE

CFD

THERMAL

FLUID

9:19 AM | efu-jhwf-zon

Shabih

ETI Sales

Sanmesh Bende

BUKHARI TAABISH

364\_MANE SURAJ BA...

Excel Career

23 others

You

Type here to search

28°C Polluted air

9:19 AM 1/20/2022



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## **A Report on “FUTURE SCOPE AND CARRER OPPORTUNITIES IN MECHANICAL INDUSTRY”**

**NAME OF ACTIVITY:**“ FUTURE SCOPE AND CARRER

**OPPORTUNITIES IN MECHANICAL INDUSTRY”**

**DATE :-** 20 JAN, 2022

**TIME :-** & 9:00 am- 11:00am

**TYPE OF ACTIVITY:** “Carrer Guidance”

**ORGANIZER(S):** MECHANICAL INDUSTRY, Chhatrapati Shivaji Maharaj Institute of technology, Panvel.

**EXPECTED OUTCOMES:**

CO1: Understand FUTURE SCOPE AND CARRER OPPORTUNITIES IN MECHANICAL INDUSTRY

CO2: AWARE OF MECHANICAL INDUSTRY & Benefit for Bright Future

**PRINCIPAL**  
(CSMIT)



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CSMIT/MECHANICAL/Jan/2022/01

Date: 15 Jan 2022

### NOTICE

A workshop on “FUTURE SCOPE AND CARRER OPPORTUNITIES IN MECHANICAL INDUSTRY” Mechanical Engineering Chhatrapati Shivaji Maharaj Institute of Engineering, Panvel on 04 September,2023. The activity will be held as per the schedule. Date : 20 Jan 2022

Activity Name : “FUTURE SCOPE AND CARRER OPPORTUNITIES IN MECHANICAL INDUSTRY”

Venue : Seminar Hall CSMIT

Time: -9:00 AM

The Students are to be present before time. For further query you may contact the Faculty.

PRINCIPAL  
(CSMIT)