

**Mechanical Engineering Department**  
**NK Orchid College of Engineering and Technology Solapur**  
**Faculty Providing Training to Industry**



To,  
Prof . B. R. Birajdar  
Assistant professor,  
NKOCET, Solapur.

Date:21/06/2021

Sub: "conducting a session on fundamentals of Design"

Dear Prof Basavraj R. Birajdar & Prof. Mallikarjun B. Awate,  
Thanks for conducting the online training session on Fundamentals of Design on 19/06/2021.  
We're sure that it will help our designers to refresh the basics of design engineering.

For the record,  
Following members got benefited from your session.

Sr. No.	Name	Designation
1	Ajit Deshpande	Team Leader
2	Mayur Borhade	Sr. Design Engineer
3	Pramod Gaikwad	Design Engineer
4	Shubham Deshmukh	Design Engineer

We would appreciate your continued involvement in near future needs as well.

Place: Pune.

Yashwant Chopde  
Engineering Manager



# Dr S.S.Metan Delevering Session to Industry Persons on ASPIRE Platform on 26<sup>th</sup> July 2021

5:18 PM Fri 16 Jul  
Dr. Rohit S Lather is talking

**ANSWERING THE QUESTION TYPES**  
3 Types of Questions

- Critical Thinking/Problem Solving**
  - Understand the problem
  - Determine a way to solve the problem
  - Carry out the procedure you have devised
  - Check your answer - Don't have post-mortems!!
- Multiple Choice Questions**  
Practice questions as on a real test.
  - Self Testing using Practice Questions Books/ Study guide/ Online platforms
  - Look for clues
  - Try to come up with the correct answer
  - Cross off any options you know are incorrect
  - Come back to items you were unsure of
  - Don't change your answers unless you're **sure!**

THE UNIVERSITY OF ARIZONA  
ARIZONA STATE UNIVERSITY

5:07 PM Fri 16 Jul  
Dr. Rohit S Lather is talking

**WHAT ASSESMENT IS MADE OUT OF AN EXAM?**  
Skills students are expected to learn

- Concept Understanding**
  - Ability of a student to understand a topic and proficiently express it.
- Critical Thinking Skills.**
  - Analysis, Interpretation, Inference, Evaluation, Self-Regulation, Open-Mindedness etc.
- Problem-Solving**
  - The ability to tackle unexpected problems and resolve conflicts.
- Writing Skills**
  - Explanation: communicating your findings and reasoning clearly.
- Technical writing**
  - Explanation: communicating your technical understanding and reasoning clearly.
- Visual Understanding**
  - Visually seeing a drawing or graph and interpreting it.

THE UNIVERSITY OF ARIZONA  
ARIZONA STATE UNIVERSITY

5:19 PM Fri 16 Jul  
Dr. Asheesh Chadha is talking

**WEBINAR ON**  
"IMPACT OF COVID-19 ON ENGINEERING STUDENTS"  
UNDER  
AZADI KA AMRUT MAHOTSAV  
"75TH ANNIVERSARY OF INDIA'S INDEPENDENCE"  
16TH JULY | 3:30 PM TO 5:00 PM

**ICAT** Innovation + Service + Excellence

**ASPIRE** For Automotive Foundation

SMT. PAMELA TIKKU  
CHIEF GUEST

DR. (COL) A GARG  
OVERVIEW

DR. SHRINIWAS S METAN  
SPEAKER

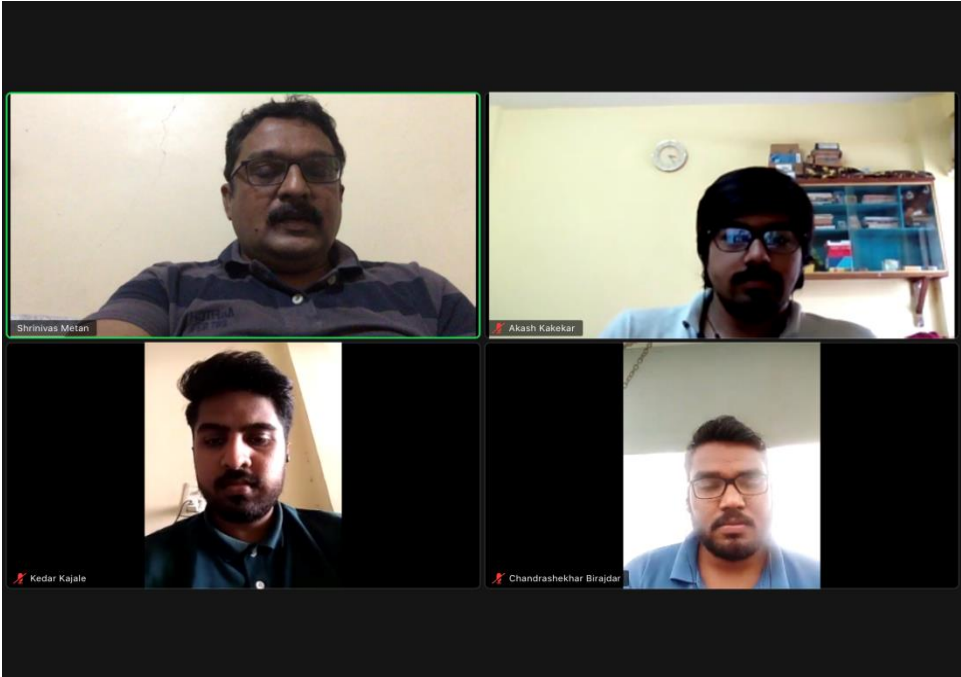
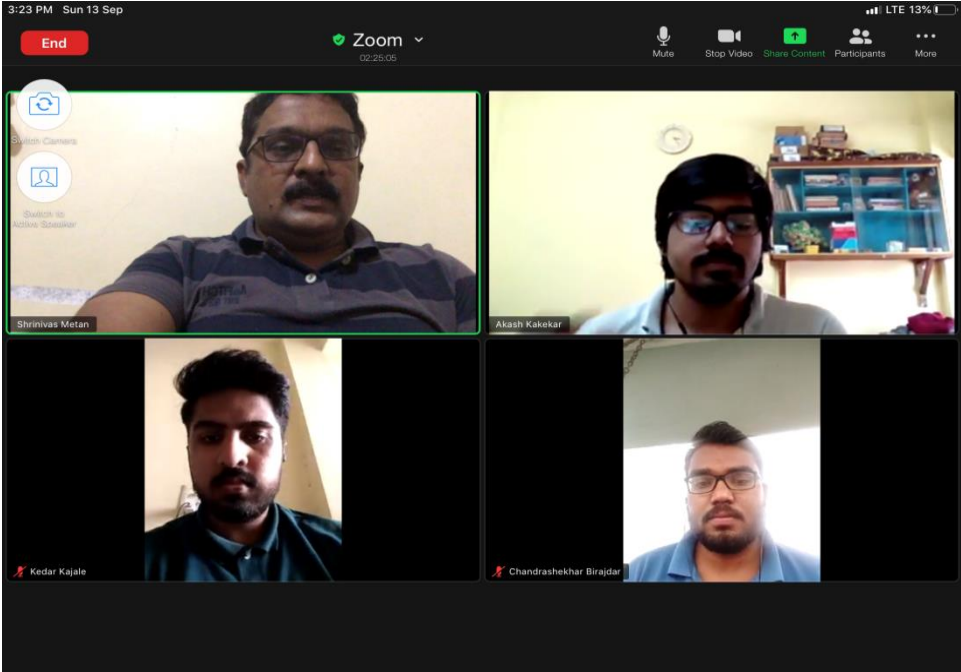
DR. AVINASH WAGHMARE  
SPEAKER

DR. ROHIT S LATHER  
SPEAKER

DR. ASHEESH CHADHA  
MODERATOR

**ORGANISED BY : ENGINEERING & STUDENT ENGAGEMENT BOARD- ASPIRE**

**Dr S.S.Metan Delevering Session to Industry Persons on 17<sup>th</sup> September 2020 on “ Battery Management System in E Vehicle”**





To,  
Prof .B.R.Birajadar  
Assistant professor,  
NKOCET Solapur

Date:29/04/2020

**Sub: "conducting a session on fundamentals of Design"**

Dear Prof Birajadar,  
Thanks for conducting the online training session on Fundamentals of Design on 29/4/2020.  
We're sure that it will help our designers to refresh the basics of design engineering.

For the record,  
Following members got benefited from your session.

Sr. No.	Name	Designation
1	Ajit Deshpande	Team Leader
2	Mayur Borhade	Sr. Design Engineer
3	Pramod Gaikwad	Design Engineer
4	Shubham Deshmukh	Design Engineer

We would appreciate your continued involvement in near future needs as well.

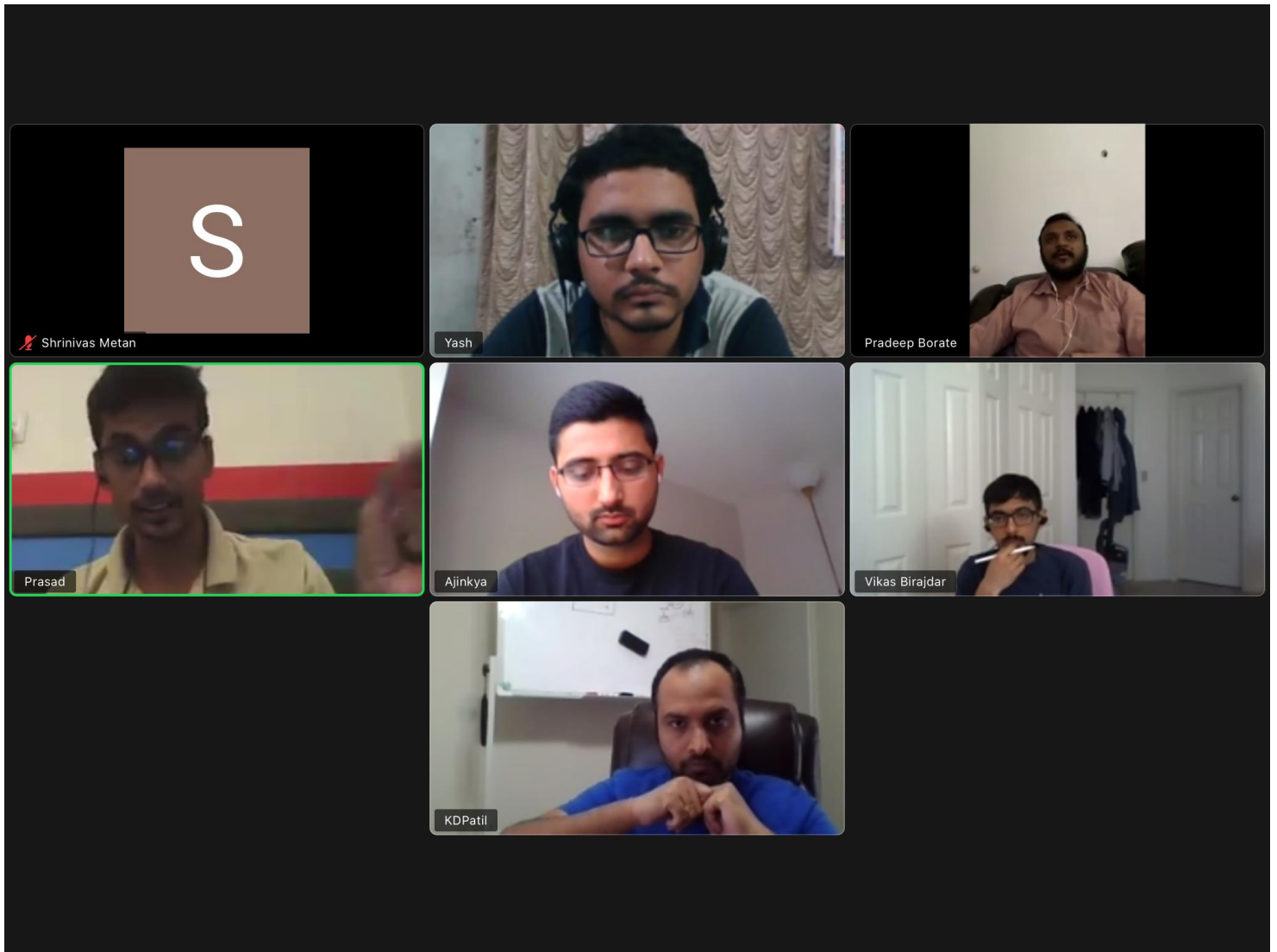
Place: Pune.



  
Yashwant Chopde  
Engineering Manager



Prof P N Kulkarni conducting a session to different industry experts from India and USA on 14/06/2020.



Ref No: VDS/LR/2020-21/CL05

Date: 11-05-2020

To,

**Siddeshwar Khillare**  
**Assistant Professor**  
**Mechanical Engineering Department**  
**N.K.Orchid College of Engineering & Technology,**  
**Solapur.**

Subject: - Thanking Letter for conducting session on Finite Element Analysis using ANSYS software

Dear Sir,

We are very thankful to you for conducting Two day session to our new joining staff those who are from diploma background on "Finite Element Analysis using ANSYS software" From 08/05/ 2020 to 09/05/2020.It has helped our staff to learn latest advances in ANSYS.

Thank you for taking session as a part of our Technical Consultant. Hope to continue your support in the near future also.

For, Vernier Design Solutions Pvt. Ltd



**Authorized Signatory**

**Mr. Swapnil Panke**  
**(Managing Director)**

**N. K. Orchid College of Engineering and Technology Solapur**  
**One-week Students/ Faculty/ Industry Internship Program**

by

**Mechanical Engineering Department**

**Title:** “Product Design - Design Thinking/Innovation/Autodesk Fusion 360”

**Duration:** 8<sup>th</sup> June 2020 to 12<sup>th</sup> June 2020

**Mode:** Online sessions organized using Zoom app

**No. of Participants attended:** 491 (04 from Industry, 11 Faculty, 476 students from engineering colleges)

**Faculty Coordinators and Experts:** 1. Prof. V.P. Kulkarni

2. Prof. A.S. Dhobale

**Programme Objectives**

By the end of this programme, participants will:

- Understand the philosophy and process of design thinking, and be able to practice it in specific settings.
- Understand the importance of the design thinking mindset, and the roadmap to building it as an element of organisational culture.
- Be able to derive and structure relevant insights for unstructured problem situations.
- Enhance and practise skills of rapid prototyping.
- Uncover their own creative potential, through both divergent and convergent techniques.
- Use Autodesk Fusion 360 effectively for Product Design

**Course Schedule:**

Day and Date	Time	Topic
<b>Day 1</b> 8/06/2020	12.00 pm to 12.30 pm	Inaugural Ceremony
	12.30 pm to 1.15 pm	Importance of Design and What is Design Thinking: How does it differ from conventional approaches to problem solving? Writing the Problem Statement: How can creative approaches like storytelling, visualization and journey mapping enable solutions to often intractable problems?
	1.15 pm to 1.45 pm	Autodesk Fusion 360 fundamentals
<b>Day 2</b> 9/06/2020	12.00 pm to 12.45 pm	Understanding Users: How can the Design Thinking process address complex problems across a wide spectrum? Personas, Empathy Maps Current Scenarios to identify pain points

	<b>12.45 pm to 1.30 pm</b>	Sketching
<b>Day 3 10/06/2020</b>	<b>12.00 pm to 12.45 pm</b>	Ideation and Storyboarding Deriving Goals from Ideas
	<b>12.45 pm to 1.30 pm</b>	3D Modelling
<b>Day 4 11/06/2020</b>	<b>12.00 pm to 12.45 pm</b>	Future Scenarios and Moments of Max Impact Prototyping
	<b>12.45 pm to 1.30 pm</b>	Rendering, Animation
<b>Day 5 12/06/2020</b>	<b>12.00 pm to 12.45 pm</b>	Innovation versus creativity. Rapid prototyping The DT mindset- barriers and roadmap
	<b>12.45 pm to 1.30 pm</b>	Drawings

### **Inaugural:**

On 8th June 2020 we inaugurated the online internship program on “Product Design - Design Thinking/Innovation/Autodesk Fusion 360” Hon. Principal Dr. J. B. Dafedar sir gave opening remarks on the session. Dr. S. B. Deosarkar, Registrar and TEQIP Head DBATU, Lonere shared his insights on modes of Learning in this unprecedented situation.

The program was inaugurated by Mr. Deepankar Bhattacharya Head-India Education Experience, Autodesk. Mr Deepankar appreciated the Pivotal role of NKOCET in driving all Autodesk activities in this region. Mr. Anand Pujari, Education Account Manager, who is instrumental in driving PDE- Autodesk Fusion 360 Initiatives in DBATU affiliated colleges was present for this program. Dr. Shriniwas. S. Metan HOD Mech Dept. NKOCET, Solapur Proposed Closing Address and Vote of Thanks.

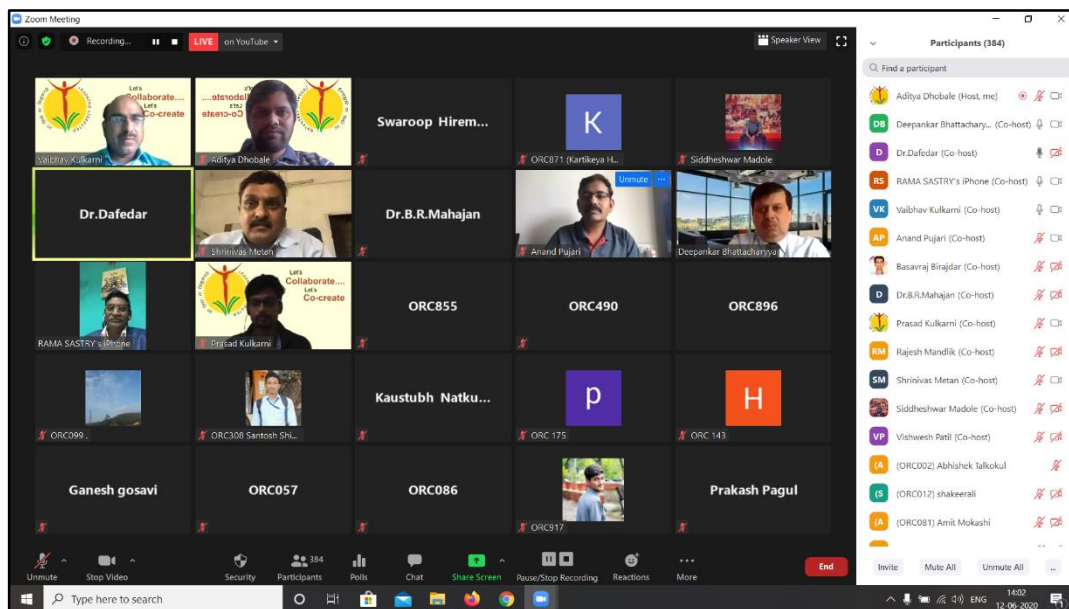
Panel Discussion was arranged where the experts from industry and academia shared their views on Collaborate and Co-create opportunities for Technical Institutes in Pandemic.

Hon. Principal Dr. J. B. Dafedar sir opened the panel discussion and shared initiatives taken by NKOCET in pandemic. Hon. Vice Chancellor appreciated the efforts of NKOCET towards development of Education community. Prof. Vaibhav Kulkarni moderated the event and Prof. Aditya S. Dhobale proposed Vote of Thanks.

More than 450 participants from Maharashtra and Karnataka participated in the course which includes faculty, working professionals and students from various institutes.



The entire course was coordinated by **Prof. V. P. Kulkarni**, **Prof. A. S. Dhobale** and **Prof. P. N. Kulkarni** along with student coordinators **Mr Siddheshwar Madole (Autodesk Catalyst)** and **Mr Vishwesh Patil from Third Year Mechanical.**



**Dr Shrinivas S Metan conducting a session to different industry experts from India and USA on 18/04/2020.**

