

Webinar Topic: - 1. Problem Solving and Ideation 2. Motivational Session By Successful Innovators

Name of College: - A. P Shah Institute of Technology, Kasarwadavli,
Ghodbunder Road, Thane (Maharashtra)

Department: - Information Technology in association with IIC,APSIT

Date: - 29/10/2021

Participants: - 65

Targeted Audience: TE and BE Students of Information Technology

Speaker: -

1. Sandeep Khuperkar, CEO, Data Science Wizards
2. Dr. Amol Madane, Solution Architect, TCS Ltd

Mr. Sandeep Khuperkar is Chief Executive Officer (CEO) at Data Science Wizards, a visionary tech start-up specializing in AI/ML and data-driven products, platform solutions, services, and data science training. Sandeep earned his Bachelor of Engineering in Electronics from Kolhapur University, India. He brings 25 years plus of Industry experience, with 19 plus years in open source and building open source and Linux business models.

Dr. Amol R. Madane completed doctorate of philosophy (PhD) under the guidance of Dr. Uttam D. Kolekar in the image/video security area in Jan 2015. He holds a masters of engineering degree in Electronics Engineering from Mumbai University. He is an associate of Tata Consultancy Services Ltd. from last 14+ years. Currently, he is working as Solution Architect with TCS, Pune.

Faculty Accompanied: -

1. Prof. Kiran Thombre
2. Prof. Anagha Aher
3. Prof. Geetanjali Kalme
4. Prof. Dipali Rajguru
5. Prof. Sonal Jain

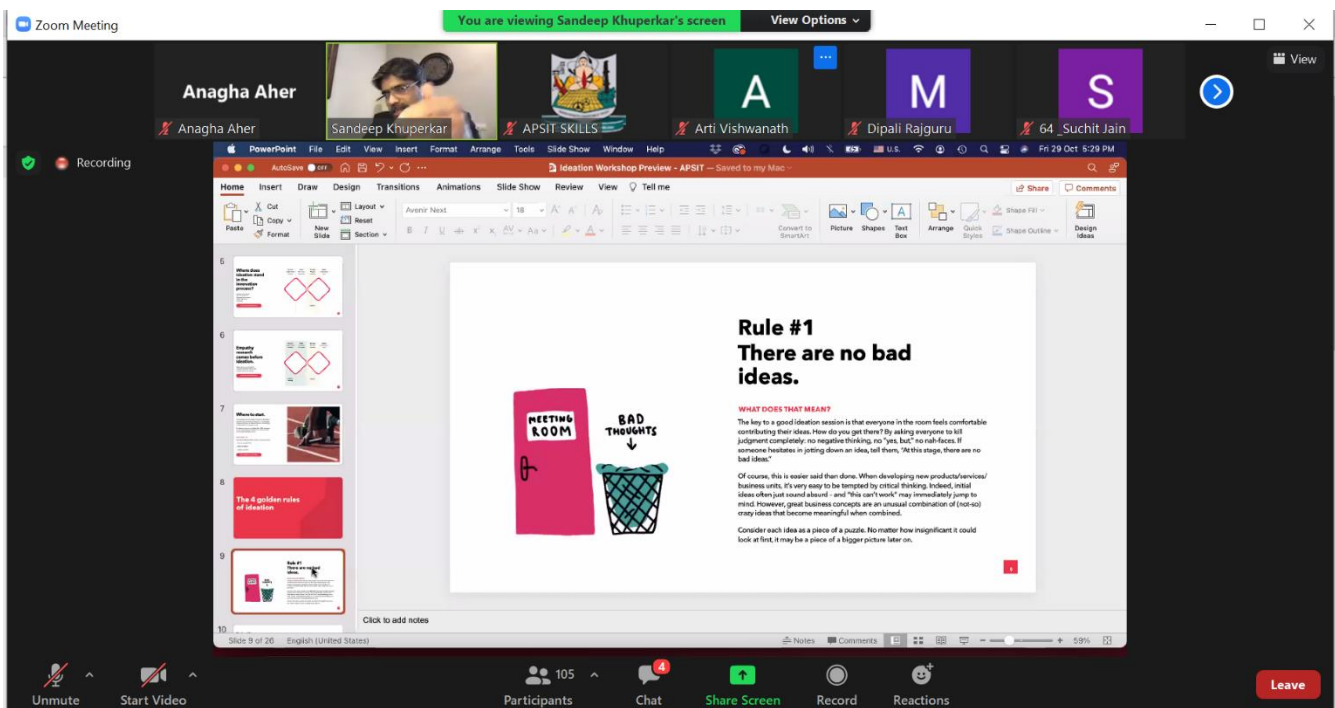
6. Prof. Vijitha Nair

Aim of webinar: -

The first webinar aimed to motivate students and inculcate the skills of problem solving. It focuses on improving student's problem analysing and ideation techniques. This also helped students understand society's problems and mediate to build technologies that would help the society further. Webinar also had points on improvement of business with technology and ways for upliftment.

The second webinar aimed to motivate students for innovation and enhancement in ability to think. Webinar covered 'design thinking building block' cycle and automotive feature development & validation. It discussed fog rendering in different densities, rain streaks removal technique, technologies to detect potholes on roads and color transfer techniques using specific algorithms. Webinar had a tele-shopping point which included product understanding discussion. It ended with content-based and text-based search discussion.

Some Screenshots:




The screenshot shows a Zoom meeting interface. At the top, it says "You are viewing Sandeep Khuperkar's screen". Below this, there are several video thumbnails for participants: Anagha Aher, Sandeep Khuperkar, APSIT SKILLS, Arti Vishwanath, Dipali Rajguru, and 64 Suchit Jain. The main content is a PowerPoint slide titled "Rule #1 There are no bad ideas." The slide features a diagram of a pink door labeled "MEETING ROOM" and a green trash can labeled "BAD THOUGHTS". To the right of the diagram, the text reads: "Rule #1 There are no bad ideas." followed by "WHAT DOES THAT MEAN?" and a paragraph explaining the importance of not dismissing ideas. Below this, it lists "The 4 golden rules of ideation". The Zoom meeting controls at the bottom show 105 participants, a chat icon, a share screen button, a record button, and a reactions button. A "Leave" button is visible in the bottom right corner.

Zoom Meeting | You are viewing Amol Madane's screen | View Options

Anagha Aher | **Amol Madane** | **Anand Morye**


Fog Rendering: Night Time

Fog in Day Time



- Atmospheric light is constant

Fog in Night Time



- Contains active light sources such as headlights, street lamps which introduces prominent glow around light source.

Participants (93)

45_Pranav Parab, 50_Abhay Sharma, 52_Mansi gupta, 62_Pratham Jain, 64_Suchit Jain, A_46_Mansi Gharat, Abhishek Jagtap, Abhishek Singh, Adwait Datir, Ajay Nirmal, Akansha Rawat, Akshay Bura

Unmute | Start Video | Participants | Chat | Share Screen | Record | Reactions | Leave

31°C | 18:25 | 29-10-2021

Zoom Meeting | You are viewing Amol Madane's screen | View Options

Anagha Aher | **Sandeep Khupe...** | **64_Suchit Jain**

Background

Limited or no correlation between test plan and test data

Scenario recreation for algorithm KPI generation

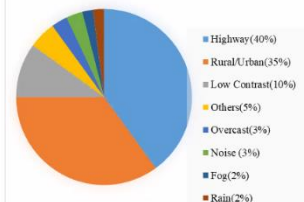
Time and cost prohibitive data collection drives

Testing for different weather/geographical conditions

Automotive Feature development & validation

Proposed Image Virtualization Tool

Sample Data collection plan for a typical ADAS feature



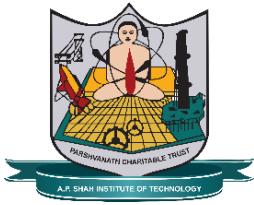
Category	Percentage
Highway	40%
Rural/Urban	35%
Low Contrast	10%
Others	5%
Overcast	3%
Noise	3%
Fog	2%
Rain	2%

Participants (104)

50_Abhay Sharma, 52_Mansi gupta, 62_Pratham Jain, 64_Suchit Jain, A_46_Mansi Gharat, Abhishek Jagtap, Abhishek Singh, Adarsh Rai, Adwait Datir, Ajay Nirmal, Akansha Rawat, Akshay Bura

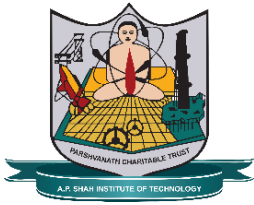
Unmute | Start Video | Participants | Chat | Share Screen | Record | Reactions | Leave

32°C | 18:12 | 29-10-2021



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