



Shree Santkrupa Shikshan Sanstha's

Shree Santkrupa Institute of Engineering and Technology

Ghogaon (Shivajinagar), Tal-karad, Dist-Satara

EVENT REPORT

1	Name of the Activity/Event	Faculty Development Program
2	Name of the Speakers	<p>1) Mr. V. G. ANDURKAR Former space scientist, Principal Designer & MD, Gladiance Automation Pvt. Ltd., Kolhapur.</p> <p>2) Dr. AMITKUMAR SHELAR Asst. Professor, Automobile Engineering Department SVPM's Institute of Technology & Engineering, Baramati.</p> <p>3) Dr. PRASHANT S. JADHAV Asst. Professor, Mechanical Engineering Department Rajarambapu Institute of Technology(RIT), Sangli.</p> <p>4) Mr. GAJANAN M. GAMBHIRE Asst. Professor, Mechanical Engineering Department Vishwakarma Institute of Technology(VIT),Pune.</p> <p>5) Mr. SHIVAPRASAD KALLURAYA Director, Cosmic Refrigeration Pvt. Ltd, Pune.</p>
3	Date of Activity/ Event	16 to 20 December 2025
4	Organized by	Mechanical Engineering Department, Shree Santkrupa Institute of Engineering and Technology.

5	Name of Association	Shree Santkrupa Institute of Engineering and Technology, Ghogaon.
6	Place of Activity/ Event	Online
7	Type of Activity/ Event	Faculty Development Program
8	Activity/ Event Description	<p>Mechanical Engineering Department, Shree Santkrupa Institute of Engineering and Technology Organized an online Faculty Development Program titled “Automation and Sustainability: Practices in Manufacturing, Logistics, and Modern Living Spaces”, From 16/12/2025 to 20/12/2025, 2.30 pm to 4.00 pm.</p> <p>Topics Covered :</p> <ol style="list-style-type: none"> 1) Realities of modern living paces by automation. 2) Sustainability and automation in industry 4.0: best practices for the future. 3) Sustainable machining of aerospace alloys. 4) Sustainable manufacturing & logistic practices. 5) Automation in HVAC.



SHREE SANTKRUPA SHIKSHAN SANSTHA
SHREE SANTKRUPA INSTITUTE OF ENGINEERING & TECHNOLOGY
 Approved by AICTE New Delhi, Govt of Maharashtra, DTE Mumbai, Affiliated to DBATU Lonere and MSBTE Mumbai.



FACULTY DEVELOPMENT PROGRAM

On
**Automation and Sustainability: Practices in
 Manufacturing, Logistics, and Modern Living Spaces**

16th to 20th Dec 2025
2:30 PM to 4:00 PM

ORGANISED BY

DEPARTMENT OF MECHANICAL ENGINEERING
 &
DEPARTMENT OF MECHATRONICS ENGINEERING



RESOURCE PERSONS

Day 1



MR. V. G. ANDURKAR
 Former space scientist
 Principal Designer & Managing Director
 Gladiance Automation Pvt. Ltd., Kolhapur.

Day 2



DR. AMITKUMAR SHELAR
 Asst. Professor
 Automobile Engineering Department
 SVPM's Institute of Technology & Engineering, Baramati.

Day 3



DR. PRASHANT S. JADHAV
 Asst. Professor
 Mechanical Engineering Department
 Rajarambapu Institute of Technology(RIT), Sangli

Day 4



MR. GAJANAN M. GAMBHIRE
 Asst. Professor
 Mechanical Engineering Department
 Vishwakarma Institute of Technology(VIT),Pune.

Day 5



MR. SHIVAPRASAD KALLURAYA
 Director
 Cosmic Refrigeration
 Pvt. Ltd, Pune.



CONTACT US

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• Prof. Sudhir S. Gaikwad (8805475600)
 • Prof. Pranesh B. Bamankar (9309595521)
 • Prof. Sujit D. Patil (9503020806)
 • Prof. Ajit S. Naik (8600032646)

- **Mode of the FDP:** Online Google Meet.
- **Who can Participate?:** Faculties, Research scholars and Corporate Professionals with Mechanical/ Mechatronics/ Automobile/ Production/ Electrical/ Electronics background.
- **Registration Charges:** Free registration.
- **Certification:** E- certificate will be provided to all the successful participants.
 (Minimum of 80% attendance is required, and submitting feedback is compulsory.)

Last Date to Register - 11/12/2025

Registration Link :

<https://forms.gle/pDoLxSrTW3zVpb5R9>



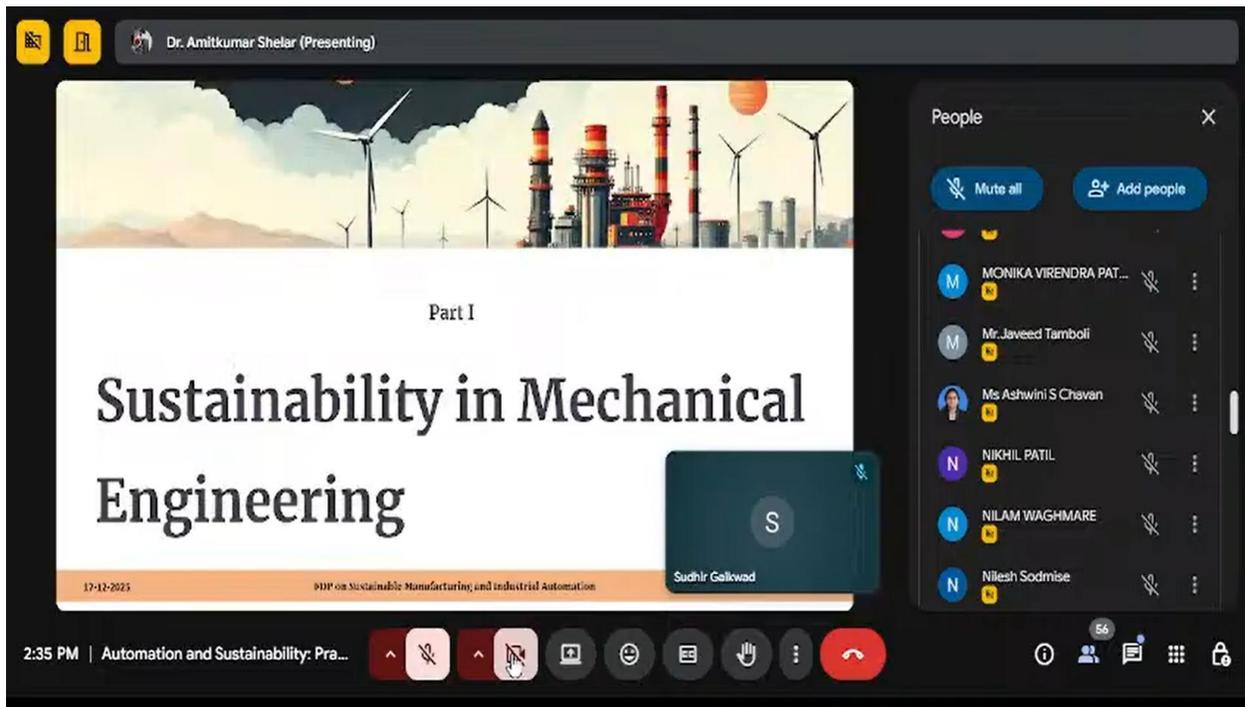
श्री संत कृपा

PHARMACY, ENGINEERING, SCHOOL, JUNIOR COLLEGE

Day 1

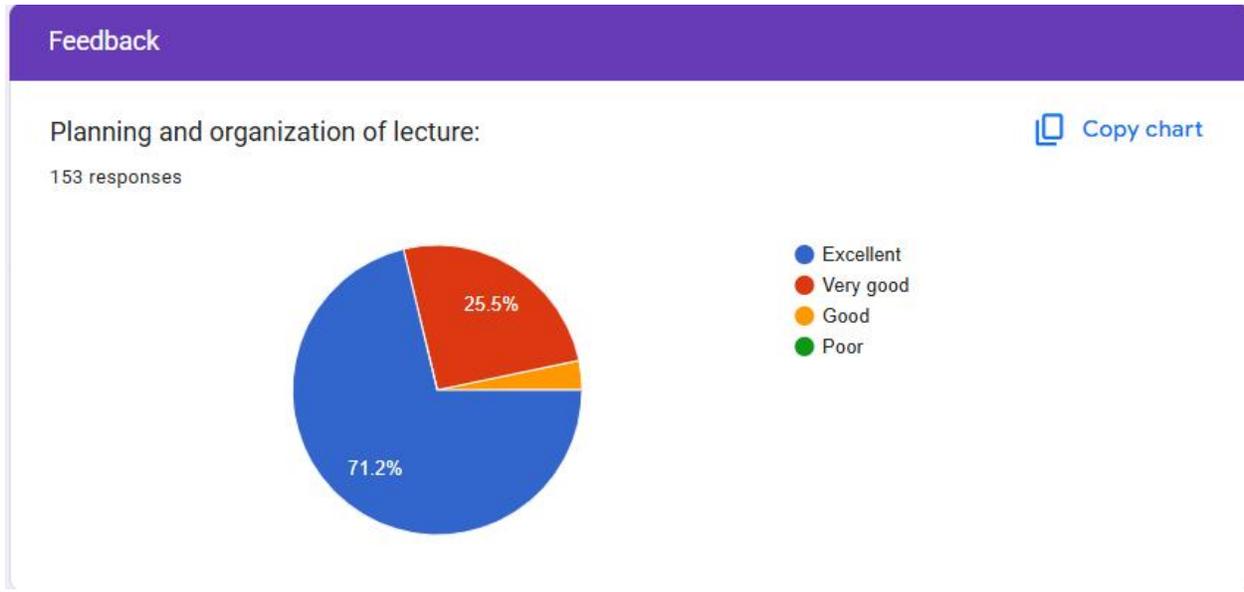


Day 2



Day 3

Feedback



Day 4

Navigation bar: Gmail, YouTube, MasterSoft ERP Sol..., Webmail Login, NAAC - Google Drive, SSSS - Zoom Class..., Mechanical NAAC D..., Sign In dbatu, All Bookmarks

Presenter: Gajanan Gambhire (Presenting)

LET'S EXPLORE AND DISCUSS

- ❖ Sustainability
 - Evolution of Sustainability as Concept
- ❖ Logistics & Supply Chain
 - Transport, Logistics, Supply Chain and many more
- ❖ Sustainability in Logistics and Supply Chain
- ❖ Industry Insights
- ❖ Research Directions

Participants: abidali surati, Aishwarya Apshingekar, Amit Gawale, Amita Mane, Anupam Dey

2:39 PM | Automation and Sustainabil... | 29°C Sunny | 14:39 19-12-2025

Day 5

Shivaprasad K (Presenting)

Beyond robotics or AI or IOT

Today I will not be covering the technicalities of robotics, AI & IOT here. I will delve in to the technological upgradation required in equipment, machines & processes, to make them compatible for automation.

- Using all these technology, what we do is " better resource management" – that is
- "to get the best out of available resources in a sustainable way."

Automation for sustainability : by Shivaprasad Kalluraya, Cosmic Refrigeration P Ltd

2:43 PM | Automation and Sustainabilit...

26°C Sunny

14:43 20-12-2025

Shivaprasad K (Presenting)

Parameter measurement & processing

- Selection of right sensors and / or transducers for above, (sensor senses and converts in to a signal, transducer converts one energy form to another.),

Automation for sustainability : Shivaprasad Kalluraya, Cosmic Refrigeration P Ltd

2:49 PM | Automation and Sustainabilit...

26°C Sunny

14:49 20-12-2025