

## Arraigning workshops, guest lectures and seminars for students:

### Objective:

- Attending seminars and workshops offers the opportunity to speak with professionals in the course.
- Students typically learn about the most recent facts and new abilities linked to the course at hand by having discussions about the relevant issues of the particular course.



**Figure 5.5.1: Industry Expert Lectures conducted for students**

**Table 5.5.1: Work Shop, Industry Expert Lectures Conducted for Students:**

<b>CAY (2023-24)</b>									
<b>Sr. No.</b>	<b>Name of Course coordinator</b>	<b>Topic Covered</b>	<b>Objective</b>	<b>Date</b>	<b>Resource person with Designation</b>	<b>Class</b>	<b>% Students Attended</b>	<b>Relevance to PO and PSO</b>	<b>Impact/ Outcome</b>
<b>1</b>	<b>Prof A S Kulkarni</b>	Advanced Manufacturing Processes	To get knowledge to the students about recent trends in manufacturing processes	03/01/2023	Prof. S. A. Jeurkar (Owner Saj Consultancy Services)	Class: SY	88%	PO1, PO2, PO12, PSO1, PSO2	At the end of this session students are acquainted with advanced manufacturing processes like 3D printing, selective laser sintering etc.
<b>CAYm1 (2022-23)</b>									
<b>1</b>	<b>Dr. B S Gandhare</b>	My story- Motivational speech by successful Innovator	To motivate students for Entrepreneurship as Carrier	25/01/2023	Mr. Suraj Doke Spartan Technology, Mangalwedha	Class: LY	90%	PO6, PO8, PO9, PO10, PO12	Students aware about entrepreneurship as carrier
<b>2</b>	<b>Dr. S R Koli</b>	Electric & Hybrid Vehicles	To understand the current advances in electric vehicles	13/09/2023	Prof. Somnath Pise Manager Shivkrupa Enterprises Electric Vehicle Akluj	Class: TY	80%	PO1, PO6, PO12, PSO1	Students benefited for selection of seminar topics in the subject

3	Prof. D R Giram	Energy audit and conservation	To aware about essentiality of energy conservation	15/05/2023	Prof. M. M. Wagh Faculty, Petroleum Conservation Research Association (PCRA)	Class: SY	80%	PO1, PO2, PSO1, PSO2	Students got ideas and methods of energy conservation
4	Prof. U S Gholap	Design thinking by using CAD/CAM	To get latest knowledge in the field of CAD	19/09/2022	Prof. Alim Shaikh Assistant Professor Mechanical Engineering NBN SCOE Solapur	Class: TY	90%	PO1, PO5, PO12, PSO1	Subject Knowledge enhancement
5	Prof A S Kulkarni	Unconventional Machining Processes	To get knowledge of non-traditional machining processes	12/06/2023	Prof. S. A. Jeurkar (Owner Saj Consultancy Services)	Class: SY	90%	PO1, PO2, PO12, PSO1, PSO2	Students have understood the working, applications of electric discharge machining, abrasive water jet machining etc.
<b>CAYm2 (2021-22)</b>									
1	Dr. A S Aradhye	Creative Projects and Patents	To aware students about how to convert the project ideas into patents	23/03/22	Dr. Bhalchandra Kelkar Director CISTED Centre for Innovation in science and technology and entrepreneurship development)	Class: LY	67%	<b>PO12</b>	Students got information about how to make project ideas patentable. Two students filed patent based on their project.

2	<b>Prof. P P Kulkarni</b>	Prototype and process design	To get introduce with prototype design process and its application	06/05/2022	Mr. Vaibhav Kulkarni Department of Mechanical Engineering Orchid college of Engineering, Solapur	Class: TY and LY	80%	PO1, PO5, PO12, PSO1	Students implemented rapid prototyping through use of CAD software's
3	<b>Prof. U S Gholap</b>	Artificial Intelligence and Robotics	To get latest knowledge in the field of Artificial Intelligence and robotics	29/09/2021	Dr. Tanaji Khadtare, Head Department of IT Sinhgad Institute of Science and Technology, Narhe, Pune	Class: SY	90%	PO1, PO2, PO12, PSO1, PSO2	Students got knowledge of AI and Automation
4	<b>Prof. A D Jadhav &amp; Prof. U S Gholap</b>	Webinar series on CAD/CAM/CAE	To get latest knowledge in the field of CAD	28/10 to 31/10 2021	Mr. Apurv Bapat, CEO.	Class: SY	80%	PO1, PO5, PO12, PSO1	Subject Knowledge enhancement
5	<b>Prof. A D Jadhav</b>	Webinar series on Industry 4.0	To know latest technology in the field of production and automation	27/09 to 29/09 2021	DR. Manohar Paragi, Professional trainer	Class: SY	80%	PO1, PO5, PO12, PSO1	Subject Knowledge enhancement
6	<b>Prof. A D Jadhav</b>	Automation in sensors	To get knowledge about recent technologies in the field of automation.	06/08/2021	Prof. A. B. Jagdale & Prof. S. V. Pingale Assistant Professor, SKNSCOE, Pandharpur	SY	75%	PO1, PO5, PO12, PSO1	Subject Knowledge enhancement

7	<b>Prof A S Kulkarni</b>	Non- Conventional machining Processes	To get knowledge of non-traditional machining processes like electro chemical machining, ultrasonic machining etc.	07/06/ 2022	Prof. S. A. Jeurkar (Owner Saj Consultancy Services)	Class: SY	78%	PO1, PO2, PO12, PSO1,PSO2	Students have got knowledge about non-traditional machining processes with working principle, advantages, limitations, applications.
8	<b>Prof R K Shinde</b>	One Day Workshop on Recent Trends in Electric Vehicles	To aware students about advances in Automobile	25/01/ 2023	Mr. Suraj Doke Spartan Technology, Mangalwedha	Class: TY	80%	PO1, PO6, PO8, PO12, PSO1,PSO2	Knowledge enhanced and present trend in industry understood.
9	<b>Prof. R K Shinde</b>	Part design of plastic materials	To get knowledge about recent technologies in the field of design of plastic components.	19/05/ 2022	Prof. S. A. Jeurkar (Owner Saj Consultancy Services)	Class: TY	82%	PO1,PO12,P SO1,PSO2	Students got knowledge of design of plastic parts.
10	<b>Prof. S C Mali</b>	System Application Product	To aware students about recent technologies in the field of system application product.	12/04/ 2022	Mr. Nikhil Sapkal Master of Engineering	Class: LY	80%	PO1,PO12,P SO1,PSO2	Subject Knowledge enhancement