

**Certification Course on Advance Solid Works by Indo German Tool  
Room, Indore (MSME Technology Centre, Indore)**



**INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY**  
Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal



**INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY**

**DEPARTMENT OF MECHANICAL ENGINEERING**

**ACTIVITY NAME:**

**“Certificate Course on Advanced Solid Works”**

**DATE OF ACTIVITY:**

**15/05/2023 to 19/05/2023**

**ACTIVITY COORDINATOR:**

**Mr. Navdeep Jain**

Opposite Indian Institute of Management, Rau - Pithampur Rd, Rau, Indore, M.P. 453331

Toll Free: 1800 103 3069





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**ACTIVITY REPORT**

Academic Year -2022-23

Session: Jan-June 2023

Name of Event: **Certificate Course**

Date of Event: 15/05/2023 to 19/05/2023

Topic: **Certificate Course on Advanced Solid Works**

Organizing Dept.: **ME**

Event Coordinator: **Mr. Navdeep Jain**

Name of Partner / co-organizer (If Industry is involved): MSME Technology Centre, IGTR

Address: Sanwer Road, Indore-452015 (M.P.)

Contact No.: **9584817708**

Email Id: **msme@igtrindore.com**

Name of Industry Representative: **Mr. Prakhar Joshi**

Contact No.: **9584817708**

Email Id: **prakhar.joshi@igtrindore.com**

Name of Expert/Guest: **Mr. Prakhar Joshi**

Institute / Company:

Designation: **Trainer**

Department:

Address: IGTR Indore

Contact No.: **9584817708**

Email Id: **prakhar.joshi@igtrindore.com**

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT/EC/ME/CM/ESH		
<b>1</b>	<b>31</b>	<b>ME</b>	<b>01</b>	<b>NA</b>

\*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary on event. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)

HOD  
(ME)

Principal

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**APPROVAL LETTER**

Date: 01/05/2023

To,

The Principal  
Indore Institute of Science and Technology  
Indore

Respected sir,

Department is going to organize a Certificate Course on Advanced Solid Works from 15/05/23 – 19/05/23 at IGTR MSME Training Centre Indore for our undergraduate students, so that they have hands-on knowledge on Solid Works. The proposal for the program is attached with this application. We also request you to kindly provide necessary funding & facilities to make this program successful.

Thanking You

Yours faithfully  
Mr. Navdeep Jain  
Assistant Professor  
Mechanical Engineering Department  
IIST Indore

  
HOD  
(ME)

  
Principal

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**POSTER**

**IST** Indore Institute of Science & Technology  
AICTE (New Delhi) & Affiliated to RGPV (Bhopal)

**Department of Mechanical Engineering**  
(in Association with MSME Tool Room, Indore)  
Semester IV (Jan-June 2023)

**CERTIFICATE  
COURSE ON**  
**Advanced Solidworks**

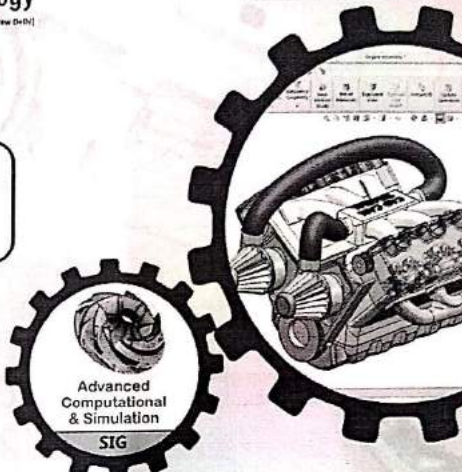
From: 15<sup>th</sup> May, 2023

**Instructor:**  
  
**Mr. Prakhhar Joshi**  
Training Head, ICTR, Indore

Faculty Coordinator: Mr. Navdeep Jain  
Contact: +91 95865 29133

**INSTITUTION'S  
INNOVATION  
COUNCIL**  
Member of IIT & IGT

**Advanced  
Computational  
& Simulation  
SIG**



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Course Content	
Date	Topics
15/05/2023	INTRODUCTION TO CAD, APPLICATION OF CAD, INTRODUCTION TO SOLIDWORKS SOLIDWORKS GUI, DIFFERENCE BETWEEN CAD,CAM & CAE
16/05/2023	SKETCHING MODE- SKETCH ENTITIES, SKETCH RELATION, SKETCH DIMENSIONS & SKETCH TOOLS
17/05/2023	INTRODUCTION TO PART MODELLING-CREATING EXTRUDE, REVOLVE, SWEEP & LOFT FEATURES, CREATING PART MODELLING FEATURES
18/05/2023	ASSEMBLY MODELLING-COMMANDS ON ASSEMBLY MODELLING, MECHANISMS INSERTING AND APPLY STANDARD MATES
19/05/2023	DRAFTING & DRAWING- ANGLE OF VIEWS, DRAWING AN ASSEMBLY ASSIGNMENT

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## OBJECTIVES & OUTCOMES

### Objectives:

SOLIDWORKS makes it quick and simple to share designs in 2D or 3D formats, meaning you can get instant feedback and continue to work on your designs. Designs can even be shared as 3D animations, which allows you to accurately demonstrate new products and features.

### Outcomes:

Demonstrate competency with multiple drawing and modification commands in SolidWorks.

Create three-dimensional solid models.

Create three-dimensional assemblies incorporating multiple solid models.

Apply industry standards in the preparation of technical mechanical drawings.

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**RESOURCE PERSON PROFILE**



**Mr. Prakhar Joshi**

Mr. Prakhar Joshi is presently working as Design Head at IGTR, Indore. He is Mechanical Engineering graduated from Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV), Bhopal, Madhya Pradesh. He has an experience over 5 years in the field of Design and Drafting. His expertise is in CAD software as well as in CAE Softwares. He is also Corporate trainer in the field of CAD.





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**CERTIFICATE**

MSME TECHNOLOGY CENTRE  
(INDO-GERMAN TOOL ROOM, INDORE)  
Ministry of Micro, Small & Medium Enterprises  
(A Govt. of India Society)

IGTR

Certificate No. 54469

*This is to Certify that*

Shri/Ms. **NIKHIL BEDI**

of **INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE**

has attended and successfully completed the **CERTIFICATE COURSE**

on **SOLIDWORKS**

conducted by IGTR, Indore From **15-05-2023** to **19-05-2023**

Course Co-Ordinator  
Date : **19-05-2023**

IGTR (TRG.)  
Vineet Kumar Garg  
H.O.D.  
Training

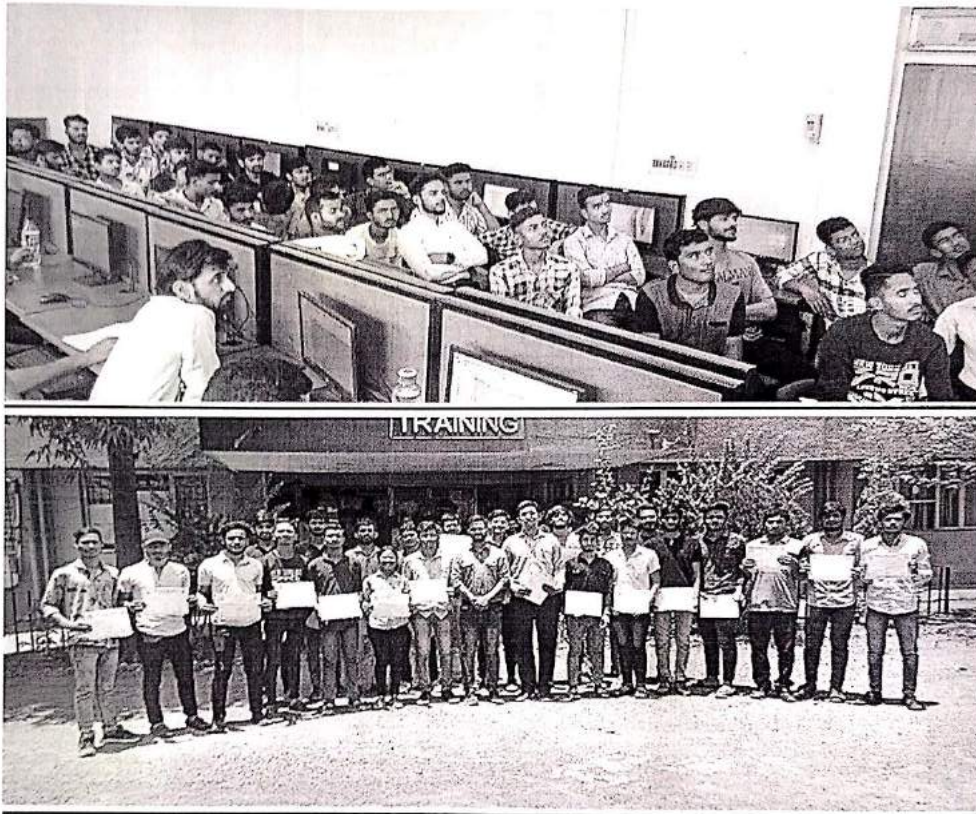
SECTOR-E, INDUSTRIAL AREA, SANWER ROAD, INDORE - 452 015 (M.P.)

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**PHOTOS**



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**EVENT SUMMARY**

A 5 day "Certificate Course on Advanced Solid Works" has been organized under Advanced Simulation & Computation SIG by Mechanical engineering department, IIST from 15/05/2022 to 19/05/2023 at IGTR, Indore. The resource Person for the Course was Mr. Prakhar Joshi. The participants were Second Year students fourth Semester Students of Mechanical Engineering Department. Total 31 students participated in the Programme. The session begins with the introductory session on CAD Software. The session ended with query solving by the expert.

The vote of thanks has been given by faculty coordinator.

Student Coordinator

Prajwal Pal  
Deepti Verma

Faculty Coordinator

Mr. Navdeep Jain  
Assistant Professor  
ME Dept.  
IIST

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