

Department: Civil and Mechanical Engineering

Name of the Event: Six-week Training session on CAD/CAM in association with CIHT Jalandhar in civil and mechanical Engineering by Dr. Ranjodh Singh, Assistant Professor, Department of Civil Engineering, DAV University Jalandhar and Dr. Sharanjit Singh, Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar from 16 February 2026.

Date of the Event: 16 February, 2026 onwards

Name of the Resource Person (if applicable): Dr. Ranjodh Singh, Assistant Professor, Department of Civil Engineering, DAV University Jalandhar, Mr Ved Raj Khullar, Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar and Mr Vikramjit Attri, CIHT Jalandhar.

Teacher Coordinator: Dr. Ranjodh Singh, Assistant Professor, Department of Civil Engineering, DAV University Jalandhar, Dr. Sharanjit Singh, Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar

Report:

The primary objective of the training was to provide students with comprehensive knowledge and hands-on experience in Computer-Aided Design (CAD) and Computer-Aided Manufacturing (CAM), focusing on their applications in civil and mechanical engineering domains. The session aimed to bridge the gap between theoretical concepts and practical implementation by exposing participants to modern design tools, software, and manufacturing practices.

Throughout the six-week program, students were trained in various CAD modeling techniques, drafting standards, 3D design, and simulation, along with CAM processes such as tool path generation and basic manufacturing integration. Emphasis was placed on industry-relevant practices to enhance the technical competency and employability of the participants.

The training session proved to be a highly beneficial learning experience. It significantly enhanced the students' understanding of design and manufacturing processes while strengthening their practical skills. Overall, the program successfully contributed to the professional development of students in both Civil and Mechanical Engineering disciplines.

Geotagged Pictures of the event:



Attendance/List Sheet of Trainers containing name of the event, department, type of the event, date on the top of the attendance sheet.

Solid Works

DAV UNIVERSITY JALANDHAR
 DEPARTMENT OF MECHANICAL ENGINEERING (Attendance Sheet Format)

Name of event/Expert talk/Seminar/Viva/Workshop/STC/EP/Industrial visit: Training
 Date: 16/12/20 Venue/Room No: CADLAB Total: 25/26

S. No.	Name	ID/Reg. No.	Designation/Institute	Sign.
1	Harvi Singh Bhan	12401291	B-Tech (Mechanical)	[Signature]
2	Meerida	12400025	B.Tech. Mech.	[Signature]
3	Mamika	12401215	B.Tech. Mech.	[Signature]
4	Gaganpreet	12302209	B.Tech. Mech.	[Signature]
5	Gurpreetpreet	12402061	B.Tech. Mech.	[Signature]
6	Shabbir Siddiqui	12401291	B.Tech. Mech.	[Signature]
7	Vishal Singh	12301204	B.Tech (M.E)	[Signature]
8	Sudhanshu Singh	12401548	B.Tech (M.E)	[Signature]
9	Ashu Kumar	12301591	B.Tech (M.E)	[Signature]
10	Hansraj Singh	12400255	B.Tech (M.E)	[Signature]
11	Tanya	12401865	B.Tech (M.E)	[Signature]
12	Pranshu	12300569	B.Tech (M.E)	[Signature]
13	Shivam	12500001	B.Tech. Mech	[Signature]
14	Shilpi	12500004	B.Tech (M.E)	[Signature]
15	Navi Binti	12500036	B.Tech (M.E)	[Signature]
16	Kanpreet Kaur	12500512	B.Tech (M.E)	[Signature]
17	Manjot Singh	12500273	B.Tech (M.E)	[Signature]
18	Harsh Kumar	12500349	B.Tech (M.E)	[Signature]
19	Sushant	12500099	B.Tech (M.E)	[Signature]
20	Vishal Singh	12501035	B.Tech (M.E)	[Signature]
21	ANUSH YADAV	12502502	B.Tech (M.E)	[Signature]
22	Daniel Kumar	12500270	B.Tech (M.E)	[Signature]
23	Anshu Singh	12500153	B.Tech (M.E)	[Signature]
24	Anush	12200491	B.Tech (M.E)	[Signature]
25				

Total No. of participants: _____
 Sign. with Name & Employee ID of Faculty: _____

DAV UNIVERSITY JALANDHAR

DEPARTMENT OF MECHANICAL ENGINEERING

Name of event/department/venue/area/workshop/ST/CPDP/Industrial visit: Boys

Date: 12/11/20 Workshop No: COBES Term: 2020

S. No.	Name	ID/Reg. No.	Designation/Branch/Year	Sign
1	Sudhanshu Singh	12500928	B-Tech ME 4 th Sem	MSC
2	Ujjwal Singh	12401170	B-Tech ME 4 th Sem	Ujj
3	Sandeep	12401145	B-Tech ME 4 th Sem	Sandeep
4	Harish Singh	12300550	B-Tech Mech 4 th Sem	Harish
5	Satish Kumar	120022	B-Tech ME 4 th Sem	Satish
6	Bhaskar Singh	12200220	B-Tech Mech 4 th Sem	Bhaskar Singh
7	Arjun	12400015	B-Tech Civil 4 th Sem	Arjun
8	Randeep Singh	12200446	B-Tech Mech 4 th Sem	Randeep
9	Rohit Kumar	12201353	B-Tech Mech 4 th Sem	Rohit K
10	Parth Sharma	12200632	B-Tech Mech 4 th Sem	Parth
11	Harsh Singh	12200075	B-Tech Mech 4 th Sem	Harsh
12	Rajat Kumar	12500417	B-Tech Mech 4 th Sem	Rajat
13	Anurag Singh	12500221	B-Tech [Civil]	Anurag
14	Rishi Singh	12501953	B-Tech [Civil]	Rishi
15	Shubham	12500277	B-Tech [Civil]	Shubham
16	Shreyas	12500110	B-Tech [Civil]	Shreyas
17	Arshdeep	12500186	B-Tech (Civil)	Arshdeep
18	Jaspreet	12400301	B-Tech (Civil)	Jaspreet
19	Siddhant	12500041	B-Tech (Civil)	Siddhant
20	Harsh	12200572	B-Tech (Civil)	Harsh
21				
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Total no. of participants: _____

Sign. with Name & Employee ID of Faculty: _____

(Handwritten signatures)



भारत सरकार
Government of India
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small & Medium Enterprises
विकास आयुक्त का कार्यालय
Office of Development Commissioner



Certificate No.: 77179/E-SDP/2025-26/24

प्रतिभागिता प्रमाण-पत्र
Certificate of Participation

प्रमाणित किया जाता है कि श्री तरुण सेनी सुपुत्र श्री नरेश कुमार ने संस्थान द्वारा आयोजित उद्यमिता-सह-कोशल विकास कार्यक्रम (ई-एसडीपी), दिनांक 06/02/2026 से 23/03/2026 तक, विषय कैड कैम-ऑटोकैड स्थान डीएवी विश्वविद्यालय, जालंधर पर सफलतापूर्वक पूर्ण किया है।

This is to certify that Mr. TARUN SAINI S/o. Mr. NARESH KUMAR has successfully completed the ENTREPRENEURSHIP-CUM-SKILL DEVELOPMENT PROGRAMME (E-SDP) during the period from 06/02/2026 to 23/03/2026 on the topic CAD/CAM-AUTOCAD organized at DAV UNIVERSITY JALANDHAR.

स्थान / Place : DAV UNIVERSITY JALANDHAR
दिनांक / Date : 01-04-2026

नाम और हस्ताक्षर, कार्यक्रम समन्वयक
Name & Signature of Programme Coordinator
VIKRAMJIT

हस्ताक्षर प्रभारी अधिकारी
एमएसएमई-विकास कार्यालय/ब्रांच डीएफओ/प्रौद्योगिकी केंद्र
Signature of Officer In-charge MSME DFO/Branch
DFO/Technology Centre
MSME-TC - CIHT, JALANDHAR
Seal with name and Designation



भारत सरकार
Government of India
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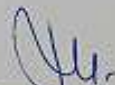
प्रतिभागिता प्रमाण-पत्र
Certificate of Participation

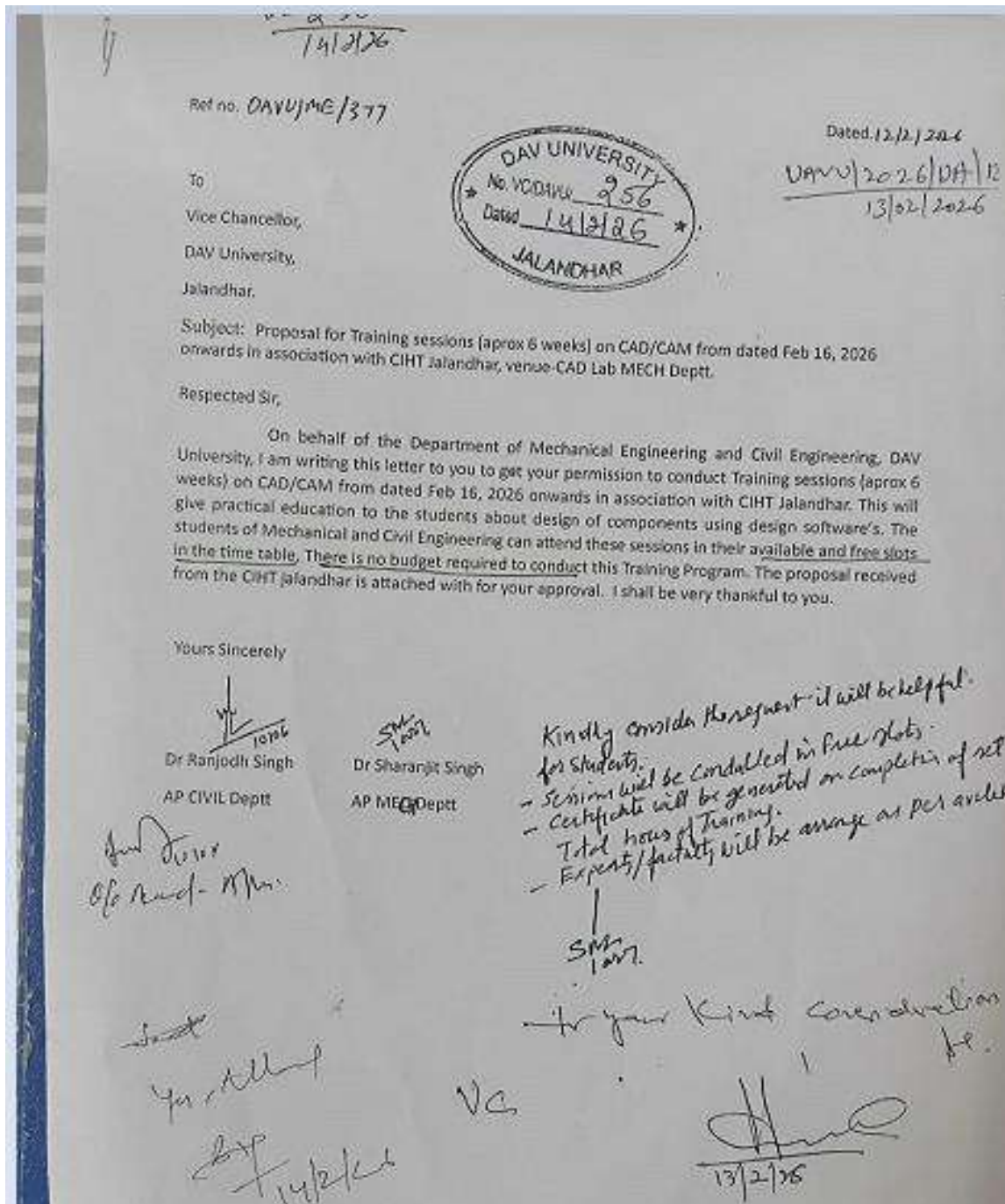
प्रमाणित किया जाता है कि श्री तरुण सेनी सुपुत्र श्री नरेश कुमार ने संस्थान द्वारा आयोजित उद्यमिता-सह-कौशल विकास कार्यक्रम (ई-एसडीपी), दिनांक 06/02/2026 से 23/03/2026 तक, विषय कैड कैम-ऑटोकैड स्थान डीएवी विश्वविद्यालय, जालंधर पर सफलतापूर्वक पूर्ण किया है।

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स्थान / Place : DAV UNIVERSITY JALANDHAR
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नाम और हस्ताक्षर, कार्यक्रम समन्वयक
Name & Signature of Programme Coordinator
VIKRAMJIT


हस्ताक्षर प्रभारी अधिकारी
एमएसएमई-विकास कार्यालय/ब्रांच डीएफओ/प्रौद्योगिकी केंद्र
Signature of Officer In-charge MSME DFO/Branch
DFO/Technology Centre
MSME-TC - CIHT, JALANDHAR
Seal with name and Designation



Learning Outcomes:

- Understand core principles of **CAD/CAM** and their role in modern design and manufacturing.
- Create and modify **2D drawings and 3D models** using industry-standard CAD software.
- Generate and simulate **CNC programs/toolpaths** for various machining operations.
- Analyze designs for **functionality and manufacturability**, improving efficiency and accuracy.