

Report on AutoCAD Training Program for Students

1. Introduction

A 7-Day AutoCAD Training Program was organized for students with the objective of enhancing their technical skills in computer-aided drafting and design. The training program aimed to provide students with practical exposure to AutoCAD software, which is widely used in engineering, architecture, and construction industries.

The program focused on developing students' abilities in 2D drafting and basic 3D modeling, enabling them to create professional drawings and layouts required in civil engineering and related disciplines. This program was conducted from 27.09.2025 to 18.10.2025.

2. Objectives of the Training Program

The main objectives of the AutoCAD training program were:

- To introduce students to the AutoCAD interface and fundamental tools.
- To develop students' skills in 2D drafting and drawing modification techniques.
- To familiarize students with dimensioning, annotations, and layer management.
- To provide basic knowledge of 3D modeling and visualization tools.
- To enable students to create professional engineering drawings and layouts.

3. Duration of the Program

The AutoCAD training program was conducted for 7 days, with each session lasting 2 hours per day, making the total training duration 14 hours.

4. Target Participants

The training program was designed for:

- Students with little or no prior experience in AutoCAD.
- Students interested in civil engineering, architecture, design, and drafting.
- Students seeking to develop industry-relevant software skills.

5. Training Schedule

The training program was conducted according to the following schedule:

Day	Topic	Details
Day 1	Introduction to AutoCAD	Overview of AutoCAD interface, basic commands, coordinate systems, and drawing setup
Day 2	Basic Drawing Tools	Drawing lines, circles, arcs, and modifying objects such as move, copy, scale, and rotate
Day 3	Precision Drawing Techniques	Using snap, grid, polar tracking, dimensioning, and annotations
Day 4	Advanced Drawing Tools	Working with polylines, splines, hatches, blocks, and attributes
Day 5	3D Modeling Basics	Introduction to 3D tools, creating basic 3D shapes, extrusion, and 3D views
Day 6	Advanced 3D Modeling	Advanced operations such as revolve, sweep, loft, and basic rendering
Day 7	Final Project and Review	Students prepared a simple 2D or 3D model and participated in a review and discussion session

6. Training Methodology

The training program followed a hands-on learning approach to ensure maximum student participation. The methodology included:

- **Demonstrations:** Live demonstrations of AutoCAD tools and commands by the instructor.
- **Practice Sessions:** Students practiced drawing and modeling exercises based on the day's topic.
- **Interactive Discussions:** Students were encouraged to ask questions and clarify doubts.
- **Final Project:** Students completed a small project to apply the skills learned during the training.

7. Resources Required

The following resources were used during the training program:

- Software: AutoCAD software (educational license).
- Hardware: Computers with the required system configuration.
- Instructor: An experienced AutoCAD instructor with practical industry knowledge.

8. Outcome of the Training Program

The AutoCAD training program proved highly beneficial for students as it:

- Improved their technical drafting and design skills.
- Provided practical exposure to industry-standard software.
- Helped students understand engineering drawings and layouts more effectively.
- Enhanced students' confidence in using AutoCAD for academic and professional applications.

9. Conclusion

The AutoCAD Training Program was successfully conducted and provided valuable technical exposure to students. The program helped participants develop essential drafting and modeling skills, which are highly relevant for careers in civil engineering, architecture, and infrastructure development. Such training programs play a vital role in bridging the gap between theoretical knowledge and practical application.

Attendance Sheets

Attendance for AUTOCAD (27.09.2025)			
S.No.	Enrollment	Name	Sign
1.	BICE401002	Abhishek Sharma	Abhishek
2.	BICE240108	Saigam Sharma	Saigam
3.	BICE210108	Shivendra Patel	Shivendra
4.	BICE210102	Divyanshu Sharma	Divyanshu
5.	BICE200103	Prashant Sharma	Prashant
6.	BICE201006	Prashant Sharma	Prashant
7.	BICE201006	Priyanshu	Priyanshu
8.	BICE210108	Harshit Sharma	Harshit
9.	BICE210108	Harshit Sharma	Harshit
10.	BICE210108	Harshit Sharma	Harshit
11.	BICE210108	Harshit Sharma	Harshit
12.	BICE210108	Harshit Sharma	Harshit
13.	BICE210108	Harshit Sharma	Harshit
14.	BICE210108	Harshit Sharma	Harshit
15.	BICE210108	Harshit Sharma	Harshit
16.	BICE210108	Harshit Sharma	Harshit
17.	BICE210108	Harshit Sharma	Harshit
18.	BICE210108	Harshit Sharma	Harshit
19.	BICE210108	Harshit Sharma	Harshit
20.	BICE210108	Harshit Sharma	Harshit
21.	BICE210108	Harshit Sharma	Harshit
22.	BICE210108	Harshit Sharma	Harshit
23.	BICE210108	Harshit Sharma	Harshit
24.	BICE210108	Harshit Sharma	Harshit
25.	BICE210108	Harshit Sharma	Harshit
26.	BICE210108	Harshit Sharma	Harshit
27.	BICE210108	Harshit Sharma	Harshit
28.	BICE210108	Harshit Sharma	Harshit
29.	BICE210108	Harshit Sharma	Harshit
30.	BICE210108	Harshit Sharma	Harshit
31.	BICE210108	Harshit Sharma	Harshit
32.	BICE210108	Harshit Sharma	Harshit
33.	BICE210108	Harshit Sharma	Harshit
34.	BICE210108	Harshit Sharma	Harshit
35.	BICE210108	Harshit Sharma	Harshit
36.	BICE210108	Harshit Sharma	Harshit
37.	BICE210108	Harshit Sharma	Harshit
38.	BICE210108	Harshit Sharma	Harshit
39.	BICE210108	Harshit Sharma	Harshit
40.	BICE210108	Harshit Sharma	Harshit
41.	BICE210108	Harshit Sharma	Harshit
42.	BICE210108	Harshit Sharma	Harshit
43.	BICE210108	Harshit Sharma	Harshit
44.	BICE210108	Harshit Sharma	Harshit
45.	BICE210108	Harshit Sharma	Harshit

28/09/2025, Session-2
2PM - 4PM

No.	Enrollment No.	Name of student	Signature
1	0901CE231021	Arjun Singh Tomar	Arjun
2	0901CE231023	Harshit Sharma	Harshit
3	0901CE231007	Aditya Narmayan Mishra	Aditya
4	0901CE231012	Ansh Gauram	Ansh
5	0901CE231034	Sunny Rajput	Sunny
6	0901CE231074	Ramendra Pratap	Ramendra
7	0901CE23106	Vishnu Sharma	Vishnu
8	0901CE231003	Abhinav Mishra	Abhinav
9	0901CE231002	Anam Sharma	Anam
10	0901CE231020	Anshu Shrivastava	Anshu
11	0901CE231004	Vikas Choudhary	Vikas
12	0901CE231073	Raj Yadav	Raj
13	0901CE231004	Saksham Khosla	Saksham
14	BICE401059	Nitin Jaiswal	Nitin
15	BICE2401031	Golu	Golu
16	BICE2401039	Janak Chakrad	Janak
17	0901CE231003	Shivam Rathore	Shivam
18	0901CE231000	Tushar Soni	Tushar
19	0901CE231007	Priyanshu Sharma	Priyanshu
20	0901CE231028	Deviendra Arya	Deviendra
21	0901CE231017	Anuj Yadav	Anuj
22	0901CE231026	Baldev Kumar	Baldev
23	0901CE231063	Prashant Vyas	Prashant
24	0901CE231052	Mahim Rajput	Mahim
25	0901CE231035	Hansh Hans	Hansh
26	0901CE231048	Khushboo Kaushal	Khushboo
27	0901CE231007	Vishvansh Singh Rajput	Vishvansh
28	0901CE231081	Shashank Agrawal	Shashank

S.No.	Enrollment No	Name of Student	Signature
29	0901CE231051	Jaydeep Sharma	Jaydeep
30	0901CE231037	Hansom Prakash Mishra	Hansom
31	0901CE221051	Kuldeep Patel	Kuldeep
32	0901CE221092	Sheetal Tomar	Sheetal
33	BTCE2401024	Divansh Sarsal	Divansh
34	BTCE2503D03	CHANCHAL VERMA	Chanchal
35	BTCE2401054	Nandini Sharma	Nandini
36	BTCE2401027	Diya Sharma	Diya
37	BTCE2401024	Ashit Gaur	Ashit
38	BTCE2401032	Hakim Singh Jyoti	Hakim
39	BTCE2401066	Pranjali Sharma	Pranjali
40	BTCE2401095	Vaidika Saxena	Vaidika
41	BTCE2401070	Priyanshu	Priyanshu
42	0901CE233D07	Prasima Bhanawat	Prasima
43	0901CE221066	Rupal Shrivastava	Rupal
44	0901CE231044	Habshita Rajawat	Habshita
45	0901CE231065	Lakshika Soni	Lakshika
46	0901CE231053	Khushi Bahare	Khushi
47	0901CE231037	Sweta Bhadouriya	Sweta
48	0901CE231030	Sacha Yadav	Sacha
49	0901CE231065	Naapuri Dhakad	Naapuri
50	BTCE2401054	Anushika Dhakad	Anushika
51	BTCE2401081	Satyam Sharma	Satyam
52	BTCE2401084	Shivcha Patel	Shivcha
53	0901CE221111	Yogita Lalshah	Yogita
54	0901CE233D05	Bhuvanendra Mishra	Bhuvanendra
55	0901CE233D03	Anoop Shukla	Anoop
56	0901CE221030	Divyanshi Dahifate	Divyanshi
57	0901CE221055	Manish Sagar	Manish

S.No.	Enrollment No	Name of Student	Signature
58	0901CE221023	Rishu Pandey Dhakad	Rishu Pandey
59	0901CE221062	Nitesh Pathak	Nitesh
60	0901CE221021	Shounika Pathak	Shounika
61	0901CE221024	Chhatu Chhatu	Chhatu
62	0901CE221112	Zahid Khan	Zahid
63	0901CE233D01	Akhilraj Rajput	Akhilraj
64	0901CE221076	Ritesh Soni	Ritesh

Attendance for Day-3 Autocad Workshop

(09/10/2023)

S.No.	Enrollment Number	Name	Sign.
1	0901CE221111	Kajita Parashat	<u>Kajita</u>
2	0901CE221112	Zahid Khan	<u>Zahid</u>
3	0901CE232D01	Abhishhek Prasad	<u>Abhishhek</u>
4	BTCE2401070	Piyanshu	<u>Piyanshu</u>
5	BTCE2401095	Vaideti sharma	<u>Vaideti</u>
6	BTCE2401027	Diya sharma	<u>Diya</u>
7	BTCE2401074	Rohit Gaur	<u>Rohit</u>
8	BTCE2401052	Makam Singh	<u>Makam</u>
9	BTCE2503003	CHANCHAL VERMA	<u>Chanchal</u>
10	BTCE2503004	Diksha kadam	<u>Diksha</u>
11	BTCE2503005	Manas Bhargava	<u>Manas</u>
12	BTCE2401110	Anuj Kumar Saini	<u>Anuj</u>
13	BTCE2401054	Naraina Sharma	<u>Naraina</u>
14	0901CE231055	Lakshika Sonu	<u>Lakshika</u>
15	0901CE231052	Kavitha Kanya Parashat	<u>Kavitha</u>
16	0901CE231065	Nadpur Chahad	<u>Nadpur</u>
17	0901CE231095	Supriya Tripathi	<u>Supriya</u>
18	0901CE221051	Kuldeep Patel	<u>Kuldeep</u>
19	0901CE221092	Sheetal Tomar	<u>Sheetal</u>
20	0901CE221052	Mahim Bajpai	<u>Mahim</u>
21	0901CE221053	Makam Singh	<u>Makam</u>
22	0901CE231028	Bhupendra Singh	<u>Bhupendra</u>
23	0901CE231021	Demendra Singh	<u>Demendra</u>
24	0901CE231043	Arjun Singh Tomar	<u>Arjun</u>
25	0901CE231026	Hasthi Dwivedi	<u>Hasthi</u>
26	0901CE231069	Baldev Kumar	<u>Baldev</u>
27	0901CE231094	Rushant vyas	<u>Rushant</u>
28	0901CE231106	Sunny Rajat	<u>Sunny</u>
29	0901CE231072	Vishnu Sharma	<u>Vishnu</u>
		Raj Yadav	<u>Raj Yadav</u>

30	0901CE231074	Amendra Prasad	<u>Amendra</u>
31	0901CE231073	Amrati Sharma	<u>Amrati</u>
32	0901CE231104	Vikas Choudhary	<u>Vikas</u>
33	0901CE231083	Shivam Rathore	<u>Shivam</u>
34	0901CE231067	Pramshu Sharma	<u>Pramshu</u>
35	0901CE231076	Ritesh Soni	<u>Ritesh</u>
36	0901CE221062	Nitika Kushwah	<u>Nitika</u>
37	0901CE221092	Bhoomika Kushwah	<u>Bhoomika</u>

Photographs

