



NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

APPROVED BY AICTE, NEW DELHI AND DEPT OF SCIENCE & TECHNOLOGY, GOVT. OF BIHAR
AFFILIATED TO BIHAR ENGINEERING UNIVERSITY, PATNA
AMHARA, BIHTA, PATNA-801106

Date:-11-03-2023

Notice

All 3rd Semester students of Civil Engineering (CE) Department are here by informed that a certificate course on “ **AutoCAD**” is going to be organized by CE Department in association with “**National Design School, PATNA**” from 20th Mar 2023 to 27th Mar 2023. The registration fees is Rs. 500 /-. The interested student should register their name on or before 15th Mar, 2023.

Mithlesh

Mithlesh Kumar Jha
(HOD, CE Department)

Head of Department
Department of Civil Engineering
Netaji Subhas Institute of Technology

Copy to:

1. Dean, NSIT
2. Notice Board



J. J. J.
Director
Netaji Subhas Institute of Technology
Amhara, Bihta, Patna, Bihar
PIN-801106

Organizing Committee

Patron

Mr. M. M. Singh, Founder Secretary, NSIT
Mr. Krishna Murari, Registrar, NSIT
Dr. S. Singh, Director, NSIT

Convener

Dr. J. Dalei, Dean, Academic, NSIT

Coordinators

Mr. Mithlesh Kumar Jha, NSIT Patna
Mr. B.K. Mandal, NSIT Patna

Organizing Members

Mr. Rajeev Ranjan Kr.
Mr. Akash Singh
Mr. Satya Prakash
Mr. Ranjeet Kumar
Mr. Anup Kumar

CIVIL ENGG. Department, NSIT BIHTA

Objective of Workshop

The primary objective of this workshop is to teach the student the basic commands necessary for professional 2D drawing, design, and drafting using AutoCAD. Upon completion of this course, the student will:

- Become familiar with the AutoCAD user interface.
- Understand the fundamental concepts and features of AutoCAD.
- Use the precision drafting tools in AutoCAD to develop accurate technical drawings.
- Present drawings in a detailed and visually impressive manner.
- Develop a level of comfort and confidence with AutoCAD through hands-on experience.

About the Institute

Netaji Subhas Institute of Technology established in 2007, with first batch started in 2008 has its magnificent campus at Amhara in the district of Patna, Bihar. The nearest railway station is Bihta about 2 kilometres from the institute campus and about 25 KM from Patna A railway junction the state capital and major business and Educational hub of the state. Bihta is the industrial hub and blessings nerve centre of the entire state of Bihar. NSIT, A Degree level Engineering Institute has become a "An effective source of Technocrats to the nation", with its unique infrastructural facilities of 4,00,000 Sq.Ft. of built up area on approximately 18 acres of green lustre land at Amhara, Bihta, Patna. Ambience at the campus serve and Ashram like. The college offers 4 years B.Tech courses in CSE, ECE, EEE, ME and CE.

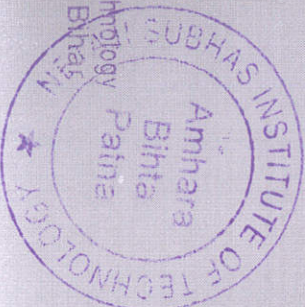
About the Department

The Department of Civil Engineering was established in the year 2008 and affiliated to Bihar Engineering university, Patna, and has grown over the years into one of the finest Department of training in the field of Civil Engineering. The laboratories are equipped with excellent and advanced equipment and provide all required facilities for advanced research in specific fields of Civil Engineering, like Geotechnical Engineering, Material Testing and Evaluation, Transportation Engineering etc.

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One Week-Workshop

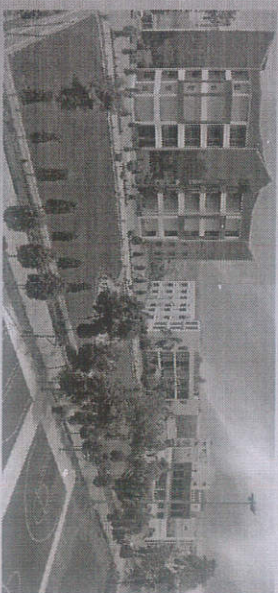
on

AUTOCAD



Date: 20th to 27th Mar, 2023

Organized by:
Department of Civil Engineering
NSIT Bihta Patna



Course Contents

- This course aims to include the following topics
- Introduction to AUTOCAD
 - Drawing and Creating Complex object
 - Preparing to Print and Annotation Drawing
 - AutoCAD- Beyond Basic and Creating Block
 - AutoCAD Advanced and Printing & Extra topic

Vision of Department

To become a premier Civil Engineering Department offering excellent engineering education in design methods and advanced technologies to the students, to pursue research in new areas and to offer professional services to the society.

Mission of Department

The Department is committed to develop competent professionals by offering need based curriculum in Civil Engineering areas, promoting research and innovation to prepare the students for higher study, life-long learning and societal responsibility. The department is also committed to provide good learning environment to develop professional ethics and skills in our students and to provide engineering services to the society.

Resource Persons

Ujjawal Kumar, Centre Head
National Design School, Patna

REGISTRATION

This workshop is open to the faculty members of AICTE/ UGC approved Engineering Institutes/ Universities/ under graduate students.

The participation fees Rs 500/- only
Mode of registration: - Spot
For More Information Contact us on:-
7781020359, 7781020361, 9102403270



REGISTRATIONFORM

Name: _____
Designation: _____
Organization: _____
Gender: M/F
Area of Work: _____
Email: _____
Contact no: _____
Address: _____
Date: _____
Signature: _____


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NETAJI SUBHAS INSTITUTE OF TECHNOLOGY, BIHTA

Session 2022-23

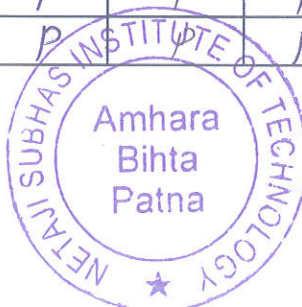
Workshop Course on "AUTOCAD"

Attendance Sheet

Sr.No	Name of Student	20-Mar	21-Mar	22-Mar	23-Mar	24-Mar	25-Mar	27-Mar
1	AMIT KUMAR	P	P	P	P	P	P	P
2	ALOK KUMAR SINGH	P	P	P	P	P	P	P
3	AMIT KUMAR RAI	P	P	P	P	P	P	P
4	SAURABH KUMAR SUMAN	P	P	P	P	P	P	P
5	ADITYA RANJAN KUMAR	P	P	P	P	P	P	P
6	AYUSH KUMAR	P	P	P	P	P	P	P
7	RAHUL KUMAR	P	P	P	P	A	P	P
8	SHREYA BHARTI	P	P	P	P	P	P	P
9	MAHIRAH TAASEEN	P	P	P	P	P	P	P
10	SWATI KUMARI	P	P	P	P	P	P	P
11	VISHAL KUMAR	P	P	P	P	P	P	P
12	SHIVAM KUMAR	P	P	P	A	P	P	P
13	RAHUL KUMAR	P	P	P	P	P	A	P
14	HARSH RANJAN JHA	P	P	P	P	P	P	P
15	ADITYA SINGH	P	P	A	P	P	P	P
16	DIVYANSH RAJ	P	P	P	A	P	P	P
17	HIMANSHU SAINI	P	P	P	P	P	P	A
18	RISHU RAJ	P	P	P	P	P	P	P
19	AJAY YADAV	P	P	P	P	P	P	P
20	KUNAL KUMAR	P	P	P	P	P	A	P
21	ROUSHAN KUMAR	P	P	P	P	P	P	P
22	CHANDAN KUMAR	P	P	P	P	P	P	P
23	SUMIT KUMAR	P	P	A	P	P	P	P
24	OMKAR CHAUBEY	P	P	P	P	P	P	P
25	RANJEET KUMAR	P	A	P	P	P	P	P
26	ASHISH RANJAN	P	P	P	P	P	P	P
27	ANKIT KUMAR	P	P	P	P	P	P	P
28	RAHUL KUMAR	P	P	P	P	P	P	P
29	AMITESH KUMAR	P	P	P	P	P	P	P

J. Singh
Director

Netaji Subhas Institute of Technology
Amhara, Bihta, Patna, Bihar
PIN-801106



NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

Department of Civil Engineering

Session2022-23

CONTENT

Name of the Workshop: AutoCAD

Duration (in Hrs.): 30 Hours

Course Content:

UNIT I :Introduction to AutoCAD			
Day	Topic	Sub Topic	Duration (in Hours)
1	Getting started with AutoCAD	Starting AutoCAD	3
		AutoCAD's screen layout	
		Working with commands	
		Opening an Existing drawing file	
		Saving your work	
		AutoCAD's Toolbars	
1&2	Basic Drawing & Editing Command	Drawing lines	3
		Erasing Objects	
		Drawing lines with Polar tracking	
		Drawing Rectangle , Circle	
		Drawing with SNAP & GRID	
		Polar Tracking setting	
		Move , Copy, Rotate Scale command	
		Mirroring object & Editing object	
		Undoing & redoing actions	
		Object snap Tracking	
Function key F1 & F12			

UNIT 2 : Drawing & Creating Complex Object			
Day	Topic	Sub Topic	Duration (in Hours)
2	Organising your Drawing with layer	Creating new drawings with Templates	2
		Layer & Layer state	
		Changing an object layer	
		Creating LAS file with Import & Export	
3	Advance object type , Getting information & Editing commands	Drawing Arcs , Polylines	3
		Editing Polyline ,	
		Drawing Polygon & Ellipses	
		Measure Object & Properties	
		Create fillets & Chamfers	
		Offsetting object	
Creating Array of object			




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		Inserting Block & Tool Palettes	
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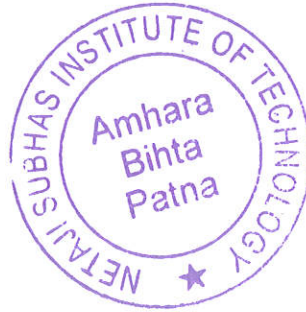
UNIT 3 : AutoCAD – Preparing to Print & Annotation Drawing			
Day	Topic	Sub Topic	Duration (in Hours)
3&4	Setting up Layout & Print	Print Concept	3
		Creating View Ports	
		Setting up Layouts	
		Guide line for Layouts	
		Print Layouts	
		Printing a check Plots	
4	Annotating your Drawing	Work with Annotation	3
		Adding text in Drawing	
		Modifying & Formatting Multiline Text	
		Hatching	
		Adding Linear & Radial Dimension	
		Adding Note to your Drawing	

UNIT 4 : AutoCAD- Beyond Basic & Creating Block			
Day	Topic	Sub Topic	Duration (in Hours)
4	Working Effectively & Accurate Positioning	Setting up the interface	3
		Using keyboard effectively	
		Working in the multiple Drawing	
		Using Grip effectively	
		Additional Layer tool	
		Locating Point & Tracking	
5	Creating & organizing Block	Constructing Lines & Placing Reference	3
		Creating Block	
		Editing Block & removing unwanted thing	
		Adding Block to Tool Palettes	
		Modifying tool properties in tool Palettes	




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UNIT 5 : AutoCAD Advanced Layout & Printing & Extra topic			
Day	Topic	Sub Topic	Duration (in Hours)
5&6	Drawing Setup & Utilities	Creating Templates	3
		Controlling units Display	
		Adding standard layouts to Templates	
		Creating Annotation	
		Creating Dimension & Multilayer Style	
6	Advanced Layouts , Printing & Extra	Creating & Using Named View	4
		Creating Additional Viewports	
		Layer overrides in Viewports	
		Additional annotative Scale	
		DWF plotting & Viewing	
		Publishing Drawing set	
		Additional Zoom Command	
		Creating Model Space viewports	
		Advanced objection selection	
		Single line text & additional Dimensioning	
		Creating Boundaries	
		Working with Region	
		Total	




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CERTIFICATE OF COMPLETION

This Certificate is awarded to
Ranjeet Kumar

has Completed in the workshop held from 20/03/2023 to 27/03/2023 on
the topic of AutoCAD organized by Civil Department, NSIT, Bihta, Patna

[Signature]
Director

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PIN-801106

29.03.2023

Certificate Issue Date

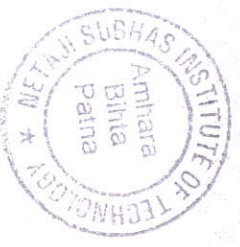
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Dean Academic, NSIT
Dean (Academics)
Netaji Subhas Institute of Technology

Amhara, Bihta, Patna,
National Design School, Patna

HOD, CIVIL, NSIT

[Signature]





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CERTIFICATE OF COMPLETION

This Certificate is awarded to
Rishu Raj

has Completed in the workshop held from 20/03/2023 to 27/03/2023 on
the topic of AutoCAD organized by Civil Department, NSIT, Bihta, Patna

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Netaji Subhas Institute of Technology
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PIN-801106

Signature of Director

29.03.2023

Signature of Dean

Signature of HOD

Certificate Issue Date

Dean Academic, NSIT

HOD, Civil, NSIT

Dean (Academics)
Netaji Subhas Institute of Technology
National Design School, Patna

