SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sindalagundu Post, Dindigul – 624 002, Tamilnadu   Ph: 0451-2448800

DEPARTMENT OF CIVIL ENGINEERING

DETAILS OF THE VALUE ADDED COURSES (FOR 2019-20 EVEN SEMESTER)

Year	Semester	No. of Batches	Total No. of Students (Batch-wise)	Name of the course	Name of the Internal Coordinator	Details of External Agencies (If any)			
						Name of the external Agency	Contact details (Address with Phone number & Email Id)	Name of the course handler	Contact details (Address with Phone number & Email Id)
II	IV	1	Batch-1 34	AUTOCAD	Mr. R. Kesava Moorthy	CADD Technologies School of Design - Coimbatore	33, Rajaji Road, Ram nagar Coimbatore-9	Er.Meenatchi Sundharam	7667851415
III	VI	2	Batch-1 44 / Batch-II 44	RIVET ARCHITECTURE	Mr. S. Tamil Vasanthan	CADD Technologies School of Design - Coimbatore	33, Rajaji Road, Ram nagar Coimbatore-9	Er.Thoufeeq	9961968539

HoD 6/11/19

PRINCIPAL

CCADD

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul – Palani Highway, Dindigul 624 002

Date: 10.01.2020

CIRCULAR

It is planned to conduct Value Added Course for II year students by Department of Civil Engineering along with CADD technologies school of design Pvt. Ltd.

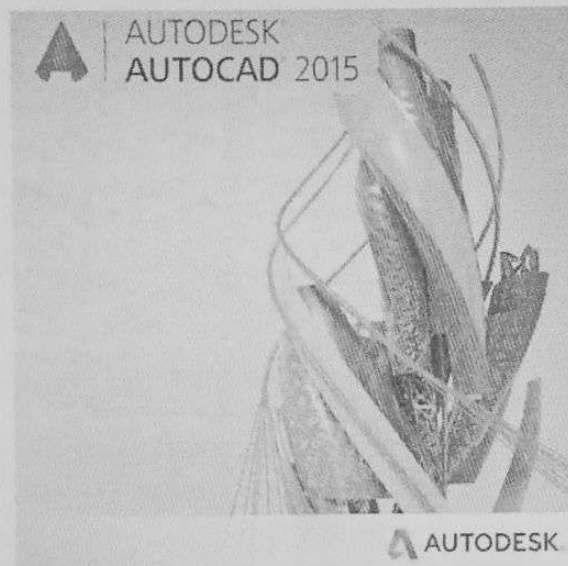| S.No	Year	Name of the Course	Period	No. of days
1.	II Year	AUTO CAD	20.01.20 to 24.01.20	5 days

Faculty In-charge

HoD/Civil

SSM Institute of Engineering and Technology, Dindigul – 624 002

DEPARTMENT OF CIVIL ENGINEERING

Cad Technologies School of design Pvt. Ltd.

Technology Training

AUTOCAD

Second year (19-20)

AutoCAD

S.NO	CONTENT
1	Introduction to CAD/CAM/CAE & Introduction to AutoCAD & Design Basics
2	Units, Limits, Drafting Settings, Selection Methods
3	Modify(Erase, Move, Copy, Rotate, Trim, Extend)Draw(Polyline, rectangle, Polygon)
4	Draw(Arc, Ellipse, Spline, Point, Hatch, Region, Revision Cloud, Wipe Out, Construction Line, Ray, Donut)
5	Modify(Array, Break, Break at point, Fillet, Chamfer, Scale, Lengthen, Stretch, Explode, Join, Align)
6	Annotation(Text, Dimensions)
7	Annotation(Leaders, Table, Scaling)
8	Property Tool bar, Layer Tool bar, Draw order
9	Drafting Settings(Infer Constraint) & Parametric Constraints
10	Block & Dynamic Block
11	Isometric View, Customize Hatch
12	Layout & Plotting
13	Introduction of 3D,Views,Viewports,Orbit,Visual styles
14	Solid Creation,3D Modify & UCS
15	Solid Editing & Material
16	Surface Creation
17	Surface Editing
18	Mesh (Creation& Editing),Section
19	Rendering Materials, Lighting
20	Motion Path Animation

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL.
DEPARTMENT OF CIVIL ENGINEERING - VALUE ADDED COURSE (AutoCAD)
II YEAR

S.No	NAME	20.1.2020		21.1.2020		22.1.2020		23.1.2020		24.1.2020	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Abimani V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Akash M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Balaji S	✓	✓	AB	AB	✓	✓	✓	✓	✓	✓
4	Dhanasubhaa C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Divya Priya S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Gokul P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Gowtham L	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Karunya Lakshmi M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Kirubakaran V J	AB	AB	✓	✓	✓	✓	✓	✓	✓	✓
10	Kishor R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Mohamed Rafiq J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Mohanya G	✓	✓	✓	✓	AB	AB	✓	✓	✓	✓
13	Mouna Jyothigaa S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Nandha Kumar K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	Naveen Kumar M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	Rahul P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Rishi S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	Rohini K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	Saran NR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	Sathya M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	Siva Chandran T	✓	✓	✓	✓	✓	✓	AB	AB	✓	✓
22	Tamil Selvan S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	Kiruthiga N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24	Kishore Kumar R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25	Krishna Veni P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
26	Manonmani A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	Maria Andrews J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
28	Sathasivam	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	Ugesh B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	Saranya R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

HoD/Civil

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B. Y
C. Z
D. WCS

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C. Hyperlink
D. Elevation

26. In MLine tool editor, symbol tool can be found on which panel?

A   Tools
B   Insert
C   Options
D   Formatting

27. What is the default design workspace in AutoCAD 2022?

A   AutoCAD Classic
B   Drafting & Annotation
C   3D Basics
D   3D Modelling

28. What time (according to the clock) are 180 degrees according to the conventional time?

A   12 exactly
B   6 exactly
C   9 exactly
D   3 exactly

29. Which coordinate option can be used to reset the orientation of UCS to its default?

A   UCS, World
B   UCS, Named UCS
C   UCS, Previous
D   UCS Icon, Properties

30. An object can be obtained from a block by using,

A   EXPLODE
B   OVERKILL
C   REDEFINE
D   UNGROUP

31. The symbol that shows snap point to the closet point,

A   With circles and dots in the centre
B   With two triangles
C   With three orthogonal
D   With Diamond

32. In order to measure the dimensions of a land, the surveyor uses which of the following system,

A   No one method
B   Related cartesian coordinates
C   Absolute polar coordinates
D   None of the above

33. The command that is used to convert a block into a drawing object,

A   EXPLODE
B   OVERKILL

C   REDEFINE
D   UNGROUP

34. The function of a polar array is to create object,

A   In a grid pattern
B   In a circular pattern
C   In a straight line
D   All the above

35. Fillet in various corners can be created simultaneously using which command,

A   Loop
B   Chain
C   Multiple
D   Edge

36. The command used to convert separate entities into a polyline,

A   Union
B   Subtract
C   Join
D   Polyline

37. Command used to create a rectangle 8 units in length and 6 units in width, starting not from the origin,

A   8,6
B   6,8
C   @8,6
D   @6,8

38. AutoCAD commands can be accessed in,

A   Drawing area
B   Status bar
C   Tool bars
D   Command window

39. Various methods to access PAN command,

A   Right click and select PAN from contextual menu
B   PAN command
C   Press and hold middle mouse button
D   All of the above

40. The file extension that cannot be accessed by AutoCAD,

A   dwg
B   dxf
C   doc
D   dws

41. Plagiostomi angle can be created by which angle,

A. chamfer
B. filet
C. offset
D. mirror

42. In AutoCAD, polar coordinate is used for creating,

A. arc
B. ellipse
C. angular lines
D. none of the above

43. To print the entire project, you will choose to regulate what to plot

A. display
B. Extends
C. Limits
D. Window

44. The layer that can be deleted from the layer property manager,

A. Layer 0
B. Defpoints
C. Layer containing objects
D. Frozen layer not containing objects

45. The maximum number of layers that a drawing can have?

A. 1
B. 2
C. As many as depending on the complexity
D. None of the above

46. The hatch pattern used to fil a closed area,

A. ANSI31
B. ANGLE
C. SOLID
D. Filled area can't be made with hatch command

47. Which state grid is used to design perspective?

A. Parametric
B. Isometric
C. Pro-optic
D. Rectangular

48. The position of the camera can be tuned accurately using,

A. Pan
B. Zoom
C. Orbit
D. Navigation Wheel

49. What is the highest value of layer transparency?

A. 100
B. 50
C. 30
D. 90

50. An inclined angle can be produced using which command.

A. <
B. >
C. @
D. #

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Department of Civil Engineering

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5	Coverage of syllabus			✓		
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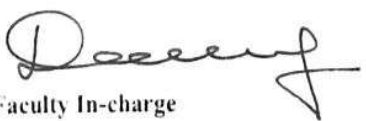### STUDENT FEEDBACK FORM

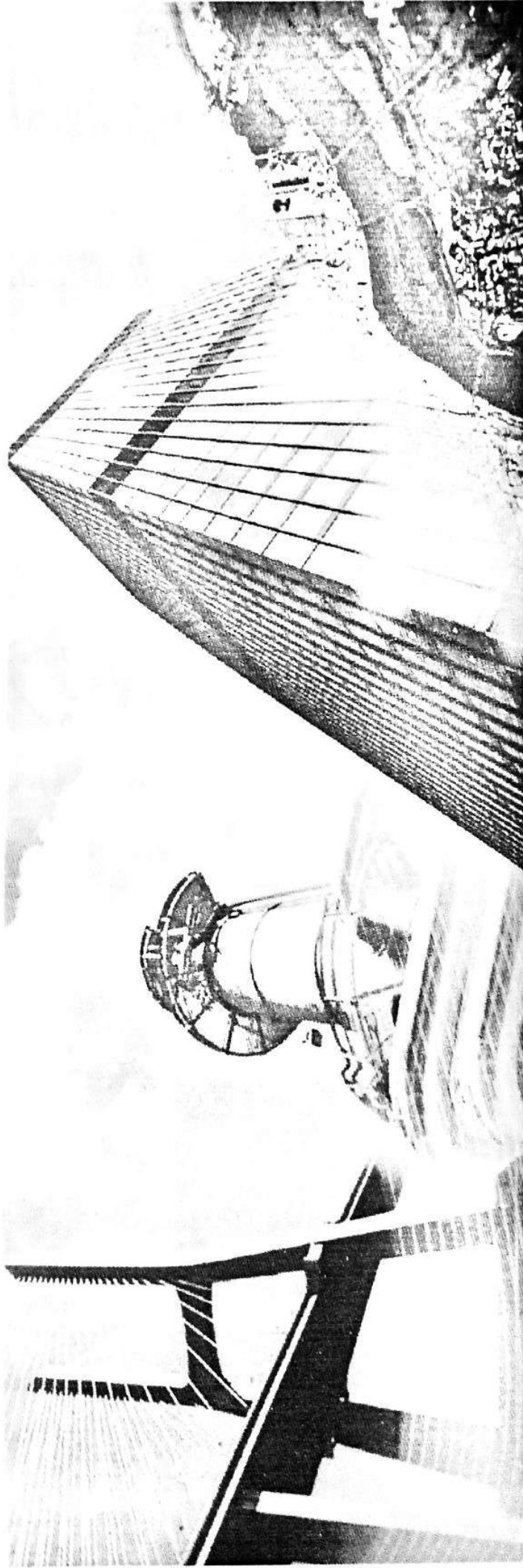Name of the Student: Krishna Veni P

Year/Sem: II yr

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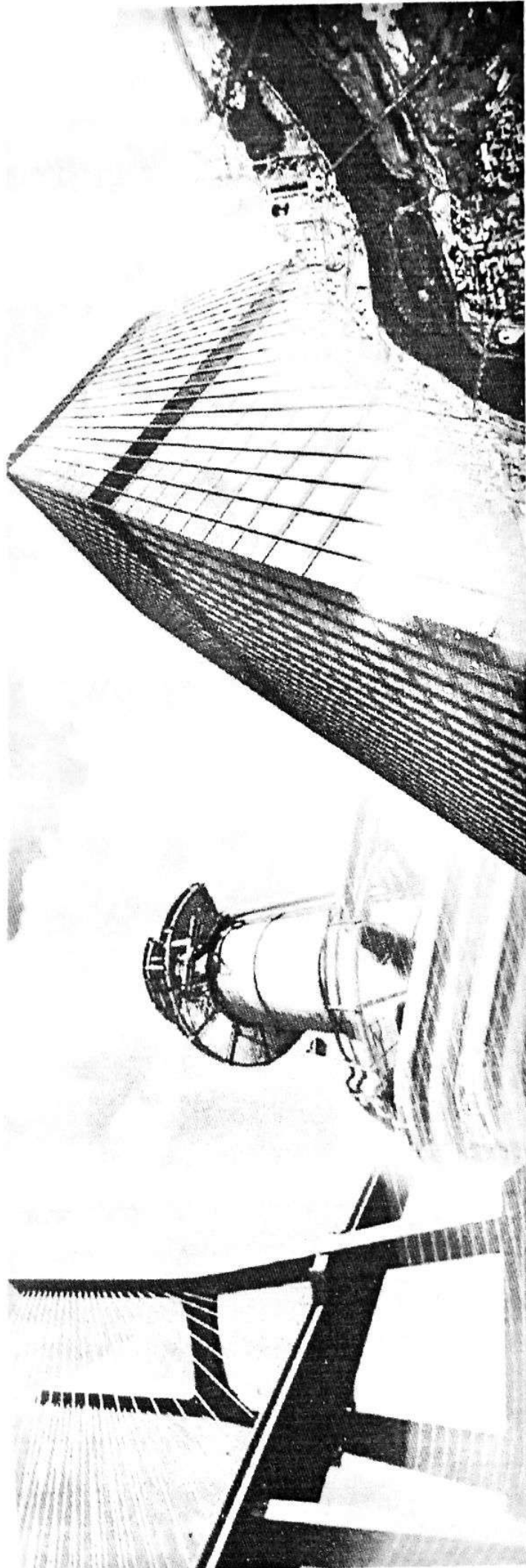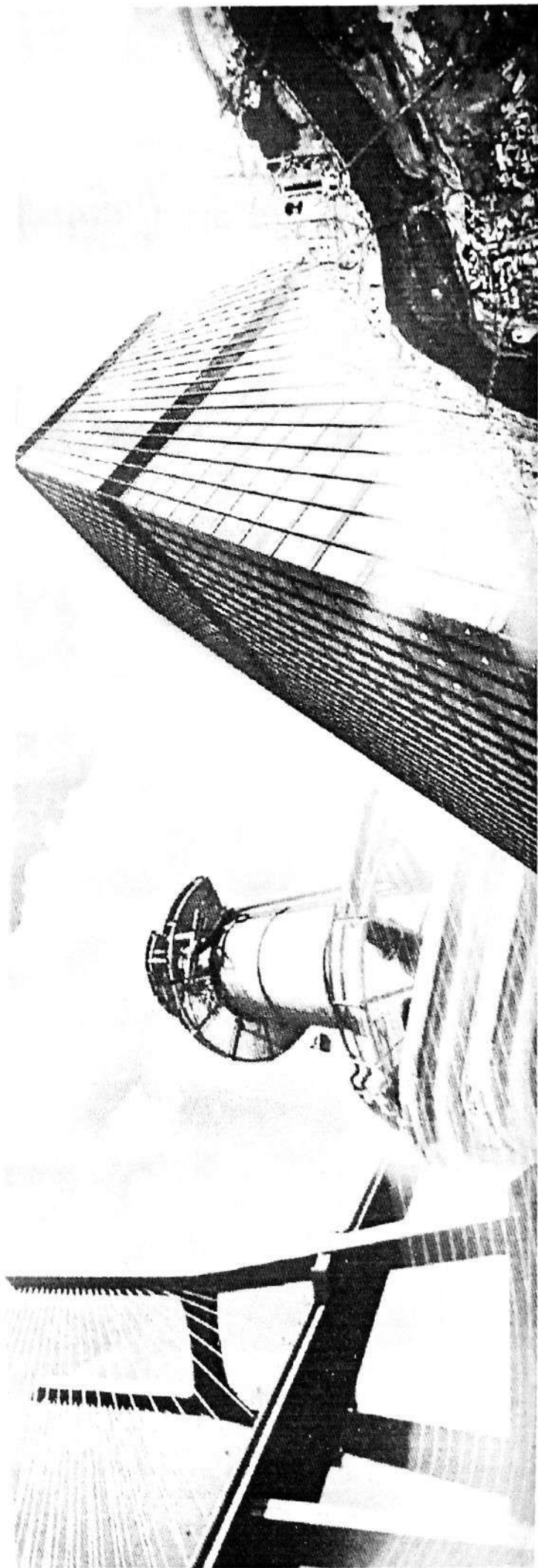**AUTO CAD**
Course Title

DEVENDIRAN K
Instructor

20/1/2020
Course Starting Date

24/1/2020
Course Ending Date

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KRISHNA VENI P
Name

AUTO CAD
Course Title

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SARANYA R
Name

AUTO CAD
Course Title

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Course Duration

DEVENDIRAN K
Instructor

20/1/2020
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