

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul - Palani Highway, Dindigul 624 002

Date: 10.09.18

CIRCULAR

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

S.N o	Year	Name of the Course	Period	No. of days	
			17.09.18		
1.	IV Year	STAAD PRO	То	5 days	
			21.09.18		

Faculty In-charge



SSM Institute of Engineering and Technology, Dindigul-624002.

DEPARTMENT OF CIVIL ENGINEERING

Cadd Technologies School of design Private limited, Coimbatore-641 009.

Technology Training

STAAD PRO

2018-19

FINAL YEAR 2018-19

STAAD PRO V8i

o	Content
	Introduction to basic principles of Structural, Analsis and Design
	Co-ordinate Systems , Umts
	Model Generation, Creating Nodes & Members
	Model Editing Tools, Select Menu, Add Beam, Insert Node
	Support Specification, Member Property and Material Specification
	Loading - Creating a Primary Load
	Loading - Nodal Load , Member Load
	Wind Load, Moving load, Creating Load Combination
	Introduction to Analysis
1	Perform Analysis, Overview of Output Page, Pre-analysis Print and Post-analysis Print
1	RC Design - Column and beam
2	TEM Modelling , Generate Plate Mesh
2	599
1	FEM Modelling , Generate Plate Mesh
1	FEM Modelling , Generate Plate Mesh Member Truss, Plate Load
1	FEM Modelling , Generate Plate Mesh Member Truss, Plate Load Slab Design- One way and Two way
1	FEM Modelling , Generate Plate Mesh Member Truss, Plate Load Slab Design- One way and Two way Shear wall Modelling and Design

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL. DEPARTMENT OF CIVIL ENGINEERING - VALUE ADDED COURSE (STAAD PRO) IV YEAR

S.No	NAME	17.5	17 9 2018 18.9		2018	19.9.2018		20.9.2018		21.9 2018		
		FN	AN	FN	AN	FN	AN	FN	AN	FN	Lan	
1	Walid Karsem H. A	1	1	1	1	,	1	,	1		AN	1
2	Abusesh K	1	1	1	-	-	1	-	1	-	1	01
3	Abes Chandralaka K	1	1	1	-	-	1	-	1	/	1	IN/
4	April Kennar M	1	1	,	1	-	1	-	-	-	1	134
5	Akash Raj M	1	1	1		1	-	-	1	1	4	Ser.
6	Amurithi V	1	1	1	-	-	-	-	1	1	/	W
?	Anba Daria M	1	1	1	1	1	-	-	1	-	1	VA
8	Arul Selvam K	1	1	1	,	-	-	1	-	-	1	N
9	Arunkumar B	1	1	1	1		1	-	-	-	/	1
10	Amen Victorials Kap S	/	1	AB	AB	-	1	1	-	/	-	Parti
11	Assorba R	1	1	- CID	70	-	1	-	/	/	-	151
12	bala Keerthiga, B	1	1	1	1	-	-	-	-	/	1	Air
13	Bhayani Sri, P	1	1	1	-	1	-		1	/	/	1 in
14	Chandrakumar M	1	1	1	1	1	-	-	-	/	1	100
15	Deepalakshini, G	1	1	1	1	-	-	/	1	-	1	Chr
16	Gavathin K	1	,	1	-	-	1	-		1	1	126
17	Geethan, M. K	1	-	1	,	-	1	-	-	-	-	10
18	Cokul Nath R	1	1	1	-	-	-	-	1	/	/	din
19	Cowsalva A	1	1	,	9	-	-	-/-		_/	-	Jaroll.
20	Cowtham 1	1	1	1	,	1	- /	1	-	_/	4	MIL
21	Conethamraj V S	,	1		-		-	-	1	AB	48	ri-
22	Harikrishnan M	1	1	1	1	1	-	1	-	1	1	Um
23	Hema Pinya S	1	1	,	1	-	5	-	-	1	-	High
24	Jananii N	1	1	1	1	-	,	-	-	-	-	4 1000
25	leevanaudham, K	,	1	1	-	-	-	1	-	-	-	July
26	lecvariantham V	1	1	1	5	-	-	-	-	1	-	1/1/6
27	legar P	1	1	1	1	-	,	-	-	-	-	Jan
28	Jovetiristy V	,	,	1	1	1	1	-	1	-	-,-	200
29	Kaliya Perumal S	1	1	1	-,	AB	40	1	-	1,	-	h
30	Kannan K	1	1	,	1	APD	40	-	-	-	-/-	7
31	Fonnangan M	1	-	1	1	-	-	1	-	1	-	6
32	Pensuresh M	1	1	1	1	1	1		-	1,	-	for
33	Prakash L	1	1	1	1	1	7	4	-/-	-	-	District
34	Prayeen Kumar, A	1	/	1	1	1	1	1	-	-	-,	111
35	Preethad	1	1	/	1	1	1	1	-	-	-/-	Chr. A
6	Ragavendran M	/	/	/	1	/	1	1	-	-	,	17
7	Ragul K	,	1	1	,	,	/	1	/	-	1	V
8	Rajakumaran J	1	1	1	1	-,	7	6	-	-	,	LAND
39	Kesavan R	1	1	As	As	-	7	0.0	1	/	-	T
0	Muruganandham M	1	1	-	/	1,	7	4	-	1	-,	130
11	Mohammed Fayaz, M	1	1	1	/	1	1	7	1	-	-	MAL
12	Raja Sekaran, K	1	/	1	1	1	1	1	1	-	/	1
13	Rajashree K	1	1	1	1	,	1	5	5	1	-	Aug-P-
14	Rajesh, P		/	1	1	1	1	-	1	/	5	KYW

45	Sindhu S V	1								2000		1-1.
46	Sivakumar 5	/	-/-	1	1	/	/	1	/	1	1	Gran
47	Sonika S		1,	-/	-	/	/	-/	1	1	1	Lieb
48	Srinath A		-/-	/	/	/	/		1	1	1	CI
49	Srinivasan G		-	-	/	1	1	1	/	/	1	News
50	Sudharshan V	- '	/	AB	AB	/	/	1	1	1	1	Pme
51	Sudhesh J	/	-/,	-	/	/	/	-1	1	1	1	SIL
52	Surendar 5			/	/	/	1	1	1	1	1	Silled
53	Swetha.G	- /		/	/	/	/	1	1	1	1	C.Sugar
54	Tharanya K		-/	1	1	1	1	1	1	/	1	ST-SWG
55	Vignesh 5		-/-	_	/	/	1	1	1	1	1-	thomas
56	Vignesh S		-/,	-	1,	1	/	1	1	1	/	SM
57	Vijayakumar K			-	/	/	/	1	/	1	1	Silve
58	Vimal S			-	1	AB	AB	1	/	1	1	K. VIV
59	Sindhu S V	- /	-	-/-	/_	_	/	_	1	/	1	SV.NEX
60	Sivakumar S			-/	/	/	/	1	1	1	1	SV.S
61	Sonika S	-	-	-	/	1	1	1	1	1	1	Carle
62	Srmath A	/	-	-	1		/	/	1	1	1	34
63	Srimivasan G		-	-	1	/	/	-/	1	1	1	Swall
64	Sudharshan V	48	-	-	-	1	/	-	1	1	/	Some
65	Sudhesh J	45	Ab		-	_	/	1	/	1	/	Codura

NLL_ HoD/Civil

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

STAAD PRO ASSESSMENT:

TOTAL MARKS: 20

- 1. The new generation of STAAD is:
- A) STAAD-III for Windows
- B) STAAD-III for DOS
- C) STAAD Pro for DOS
- D) STAAD Pro V81
- 2. In the input file and under Joint Coordinate, one of the following statement is true?
- A) 1,0,0,0
- B) 1000
- C) 1:0.0:0
- D) 100
- 3 What is Structure Wizard?
- A) Allows user to import AUTOCAD DWG files
- B) A Library of pre-defined structural shapes
- C) Brings Excel sheet to STAAD.Pro
- D) All of the Above
- 4 In the mirror function which of the following statements is true
- A) I can mirror around any of the three main planes
- B) I can define a user-defined plane to mirror around it
- C) I can only mirror around X-Z plane
- D) There is only copy mode in mirror
- 5. If you delete nodes, the beams and plates attached to them will be intact
- A) True
- B) False
- 6. Instead of inputting cross section we can input lx,ly, Iz
- A) True but only for circular section
- B) False, you have to input cross-section always
- C) You have use the standard section available in wizard

D) True for all sections
7. You can't assign a prismatic cross-section to steel beam
A) True
f.) False
S STAAD Pro
A) Has facility to declare Truss members
B) In space model can't differentiate between beams and Truss members
C) Will treat Truss members as ordinary members in Space structure
D) All of the above
9 You can't edit the floor load from the data area:
A) Tene
B) False
10 STAAD Pro perform Analysis is
A) Taking into consideration the displacement of nodes
B) Taking into consideration the stiffness correction
C) Multi-iteration Analysis
D) None of the above
11 STAAD Pro Perform Analysis is
A) Taking into consideration the Displacement of Nodes
B) Taking into consideration the Stiffness Correction
C) Multi- Iteration Analysis
D) None of the Above
12. You can also edit the parameters in structure wizards models
A) True B) False
13 In Concentrated Load, P is
A) Value of Load B) Force Direction C) Perpendicular distance from the member
D) All of the above
14 How many types of meshing we have in STAAD.Pro?
A) 1 B) 2 C) 5 D) 4

15. The manamum and ma	current limits of number	of divisions of each side are 1 to 100
A) True B) Fa		
16. For Plates, Which one A) In order to release a Pl B) You can release the No C) You can release more to D) Options B & C.	ate you can release the Be des of the Plates. han one Nodes of the Plat	
the second secon	- of X X 72	
A) Cincular Repeat B) M	irror C) Translational l	Repeat D) Insert Nodes
Frame is 3	Reduction Factor Value to C) 6 D) 5	r Special RC Moment Resisting
19 In floor load. Y is the		
A) Affective height		
B) Floor height		
C) Building height D) All of the Above		
	c dialog box, by default, b B) Bias is 1 Divi is 11	ias value is and divi value is C) Bias is 2 Divi is 10

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

STAAD PRO ASSESSMENT:	TOTAL MARKS: 20
1. The new generation of STAAD is:	
A) STAAD-III for Windows	1 16 -
B) STAAD-III for DOS	
C) STAAD Pro for DOS	
DISTAAD Pro V8i	1 000
2) STATE OF THE ST	\ \ \ / /
2. In the input file and under Joint Coordinate, or	ne of the following statement is true?
A) 1,0,0,0	
BT 1000	
C) 1,0:0.0	
D) 100	
3. What is Structure Wizard?	
A) Allows user to import AUTOCAD DWG files	
BA Library of pre-defined structural shapes	
C) Brings Excel sheet to STAAD.Pro	
D) All of the Above	
4. In the nurror function which of the following s	statements is true
A) I can mirror around any of the three main pla	nes
B) I can define a user-defined plane to mirror are	
can only mirror around X-Z plane	/
D) There is only copy mode in mirror	\propto
5 651	
5 If you delete nodes, the beams and plates attac	thed to them will be intact

- 6 Instead of inputting cross section we can input Ix,ly, Iz
- A) True but only for circular section

B) False

- B) False, you have to input cross-section always
- C) You have use the standard section available in wizard

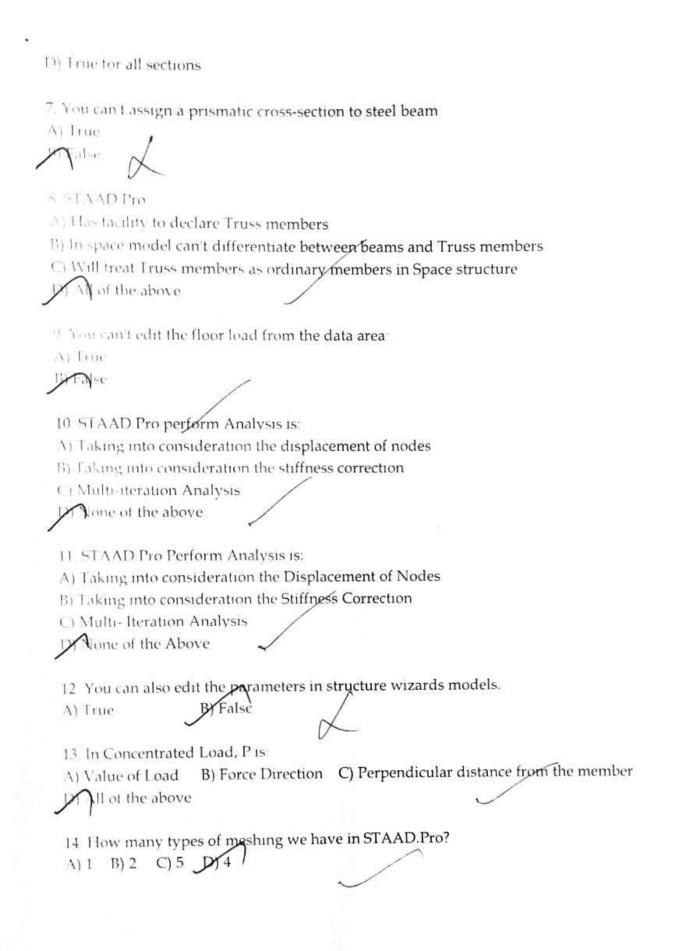
True for all sections
7. You can't assign a prismatic cross-section to steel beam
A) True
Soll like
S. STAAD Pro
A) Has facility to declare Truss members
B) In space model can't differentiate between beams and Truss members
C) Will treat Truss members as ordinary members in Space structure
If all of the above
9 You can't edit the floor load from the data area:
Nue .
B) False
10 STAAD Pro perform Analysis is:
A) Taking into consideration the displacement of nodes
B) Taking into consideration the stiffness correction
C) Multi-iteration Analysis
D) None of the above
11 STAAD Pro Perform Analysis is:
A) Taking into consideration the Displacement of Nodes
B) Taking into consideration the Stiffness Correction
C) Multi- Iteration Analysis
Dy None of the Above
12. You can also edit the parameters in structure wizards models.
Frud B) False
13. In Concentrated Load, P is
A) Value of Load B) Force Direction C) Perpendicular distance from the member
of the above
14 How many types of meshing we have in STAAD.Pro?
A) 1 B) 2 C) 5 D)4

The minimum and maximum limits of number of divisions of each side are 1 to 100 Time B) False
For Plates, Which one of the following is true? (a) In order to release a Plate you can release the Beams holding the plate (b) You can release the Nodes of the Plates (c) You can release more than one Nodes of the Plates (d) Options B & C
7 With the help of which of the following functions, you can duplicate Nodes, Beams, and Plates, in the direction of X, Y, Z? (A) Circular Repeat B) Mirror (Translational Repeat D) Insert Nodes (S) By default, Response Reduction Factor Value for Special RC Moment Resisting Frame is?
9 In floor load, Y is the A) Affective height Building height D) All of the Above
20 In Meshing Parametric dialog box, by default, bias value is and divi value is Bias is 1 Divi is 15 B) Bias is 1 Divi is 11 C) Bias is 2 Divi is 10 D) Bias is 1 Divi is 10

Porrange M.

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

STAAD PRO ASSESSMENT:	TOTAL MARK5: 20
The new generation of STAAD is:	
A) STAAD-III for Windows	11.6
B) STAAD-III for DOS	117/1
C) STAAD Pro for DOS	1201
DISTAAD Pro V8i	19-1
D) TIMAD TIO VOI	
2. In the input file and under Joint Coordinate, one of the following	lowing statement is true?
A1 1,0,0,0	
BY 1000	
C) 1.0.0.0	
D) 100	
100	
3 What is Structure Wizard?	
Allows user to import AUTOCAD DWG files	
B) A Library of pre-defined structural shapes	
C) Brings Excel sheet to STAAD.Pro	
D) All of the Above	
4 In the mirror function which of the following statements is	s true
Ikan mirror around any of the three main planes	/
B) I can define a user-defined plane to mirror around it	
C) I can only mirror around X-Z plane	
D) There is only copy mode in mirror	
	m will be intact
5 If you delete nodes, the beams and plates attached to the	III WIII OC IIIIIC
A) True	
B) False	
~	
6 Instead of inputting cross section we can input lx,ly, lz	
A) True but only for circular section	
B) False, you have to input cross-section always	1
O You have use the standard section available in wizard	



15 The mini	mum and ma	aximum lin	nits of number	of divisions of	each side are 1 to 100
X) True	B) Fa	alse		0. 4.1.1510115 01	cuen side are 1 to 100
			~		
16 For Plate	s, Which one	of the follo	owing is true?		
A) In order t	o release a P	late you car	n release the Be	ams holding t	he plate
B) You can r	elease the No	odes of the	Plates.	neram ₆	ne plate
C) You can r	elease more	than one N	odes of the Pla	tes	
DOptions I	3 & C				
		/			
17. With the	help of whic	h of the fol	lowing function	ns, you can du	plicate Nodes, Beams
andPlates, ii	n the directio	n of X, Y, Z	?		
A) Cırcular	Repeat B) M	lirror 🔎	Translational	Repeat D) I	nsert Nodes
9799 NACC 09 70	P20 150				
18 By defau	ilt, Response	Reduction	Factor Value fo	r Special RC N	Ioment Resisting
Frame is? A) I	D) 2				
Α) 1	B) 3	C) 6	ا 5 (طر		/
19. In floor	load, Y is the				
A) Affective		ž.			
B) Floor hei	4.0				
C) Building	Section (Co.)				
D) All of the	e Above	_ /			
20 In Mesh	ing Parametr	ic dialog bo	x, by default, b	ias value is	and divi value is
A) Bias is 1	Divi is 15	B) Bias is	1 Divi is 11	C) Bias is 2	
D) Bias is 1	Divi is 10		/		
			\propto		

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL - 624 002

Department of Civil Engineering

STUDENT FEEDBACK FORM

Name of the Student	Sonika. S

Year/Sem Iv yr

Date 21.09.18

Dear Student,

You are required to give your feedback on the following aspects

S No	Criteria	Rating					
		Excellent	Very	Good	Fan	Satisfactory	
1	Course content						
2	Skill development						
3	Motivation						
4	Regularity and Punctuality of trainer			1			
5 6	Coverageof syllabus Interaction						
7	Individual attention						
8	Outcome			`			

Faculty In-charge

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL - 624 002

Department of Civil Engineering

STUDENT FEEDBACK FORM

20021000000	0.000			
Name	off	10	Stuc	ent

Sulhesh . J

Year/Sem Ny Date 21.09/18

Dear Student,

You are required to give your feedback on the following aspects.

S No	Criteria	Rating					
		Excellent	Very	Good	Fair	Satisfactory	
1	Course content						
2	Skill development			/	7		
3	Motivation				,		
4	Regularity and Punctuality of trainer			5			
5 6	Coverageof syllabus Interaction		1				
7	Individual attention						
8	Outcome						

Faculty In-charge

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL - 624 002

Department of Civil Engineering

STUDENT FEEDBACK FORM

		/
Name of the Student:		Vima
varie office student.	2.	Vima

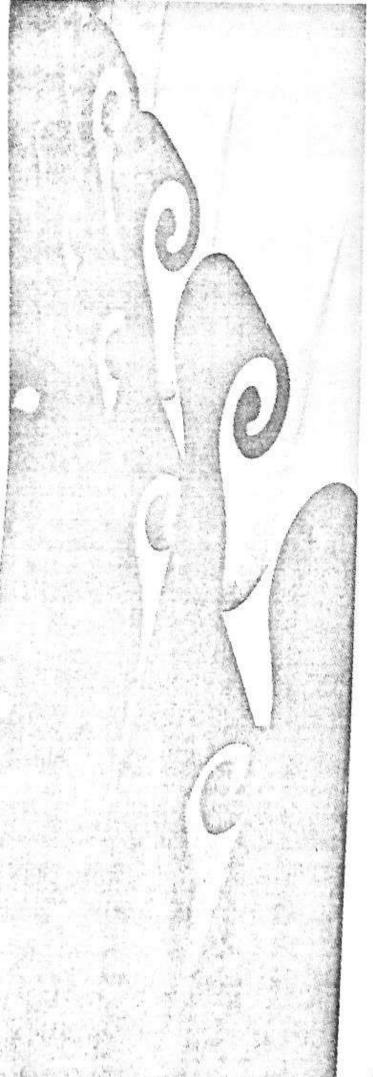
Year/Sem IV YV
Date 21.09.18

Dear Student.

You are required to give your feedback on the following aspects

S No	Criteria	Rating					
		Excellent	Very good	Good	Fair	Satisfactory	
1	Course content						
2	Skill development						
3	Motivation	-					
4	Regularity and Punctuality of trainer				7		
5	Coverageof syllabus						
6	Interaction						
7	Individual attention						
8	Outcome						

Faculty In-charge



Certificate of Completion

CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE UNITED Courses will facilitate the development of engineering and fedinological



CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED

website: www.caddtechnologies.com

Congratulations

skills with a purpose to argment employability and durign excellence.

CADD TECHNOLOGIES terps suidents/professionals to aphieva excellence in design using CAD/ICAM/CAB products

Janani N

Name

STAAD PRO

STAAD PRO

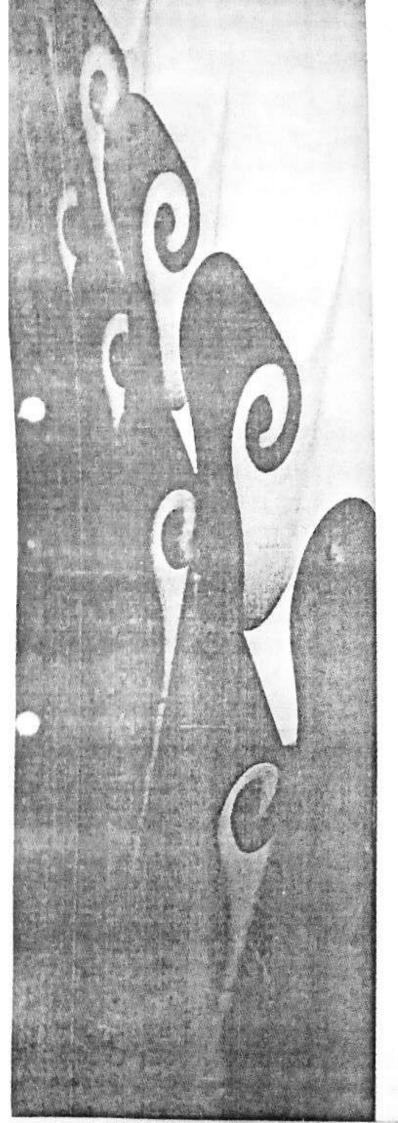
Course Tittle

SIVA

25/09/18

40 Hours

CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED



Certificate of Completion

Congratulations

OF DESIGN PRIVATE LIMITED Courses well factinate the development of engineering and fectionogical skills with a purpose to augment employability and design excellence CADID TETHNOLOGIES SCHOOL

CADD TECHNOLOGIES helps students/prefessionals to achieve excellence in design using CAD/CAM/CAE products

1, CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED

Rajesh P

Name

STAAD PRO

STAAD PRO

Course Title

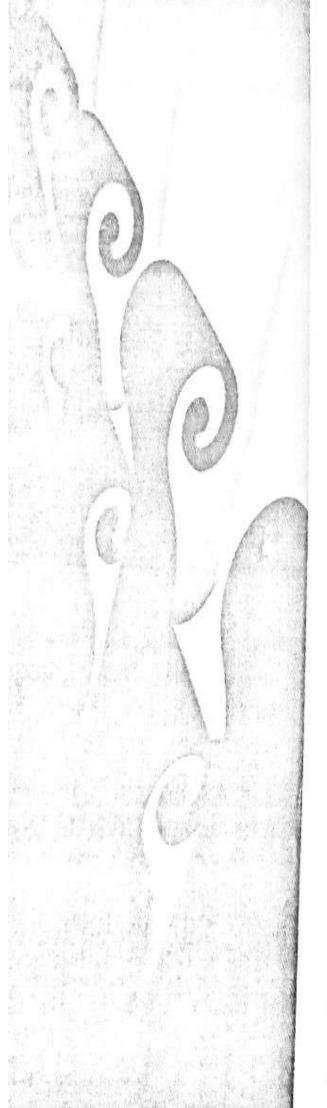
Instructor SIVA

25/09/18

40 Hours

CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED Franchy Hold at

Head Training



Certificate of Completion

Congratulations

CADD 15,045,0623 1909 N. exemplos in desprisable card, CADD

CADD TECHNOLOGIES

Prakash p

STAAD PRO

STAAD PRO

25/09/18

SIVA

40 Hours

CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED

