



தமிழ்நாடு தமில்நாடு TAMILNADU

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Cadd Technologies School of
design Pvt Ltd.
CSE

M. MANICKAM
STAMP VENDOR
8/7 1st Floor 1st Street,
Gopalapuram, Coimbatore - 64
L.No 7571/01/93



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding made and executed on this 23rd day of August '2017

BETWEEN

M/s.SATHYABAMA UNIVERSITY, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai- 600119 represented by Dr.Marizeena Johnson, B.E., MBA., M.Phil., Ph.D., Pro Chancellor, hereinafter referred as "Client" the party of the First part.

AND

M/s. CADD Technologies School of Design Private Limited, having its office at ,27/2 Rajaji Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009 ,represented by its Managing Director and an Alumni of Sathyabama University Mr.V.Kumaresh, hereinafter referred to as the "Service Provider", the party of the Second part.

CADD Technologies School of Design Private Limited;


Managing Director


Dr. MARIAZEENA JOHNSON
PRO CHANCELLOR
SATHYABAMA UNIVERSITY
(Established under section 3 of the UGC Act, 1956)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

The party of the first part and the party of the second part which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns.

WHEREAS, The Service Provider is an Authorized Training cum Certification Partner of M/s.Autodesk, M/s.PTC, M/s.Tata Technologies, M/s.Innovent ANSYS and M/s.Bentley Institute for South India. The service provider is in the business of Training, Engineering Services and Project Support in the field of CAD/CAM/CAE for more than a decade.

WHEREAS, The Service Provider is willing to setup a "Center of Excellence for Digital Manufacturing" and has approached the Client to support the same on a mutually beneficial basis;

WHEREAS, The Client has expressed its interest in setting up "Center of Excellence for Digital Manufacturing" at its premises and is committed to working towards making it a success; and

NOW, THEREFORE, in consideration of the mutual covenants and agreements herein contained, the parties hereto, intending, to be legally bound, agrees as follows:

1. SERVICES PROVIDED

In order to meet the increasing demand of technically skilled students, the Service Provider has come out with a proactive idea of Setting up **Center of Excellence and allied program** to share its knowledge with the students at the Client's location. The Service Provider has agreed to manage and run the **COE and Allied training Program** at the Client's premises for a period of **Five years**.

2. GENERAL TERMS OF SERVICE

- a. The Service Provider will set up a "Center of Excellence for Digital Manufacturing" and come out with an **Innovative Industry Centric Training Programs semester wise from the First Year to Final Year** at the Client's premises for the students of **Mechanical, Automobile, Production, Aeronautical and Civil Engineering Students** for the period of **Five years** as per the details given in the Annexures.
- b. All correspondence between the Service Provider and the Client will be done in writing. The Client will nominate an authorized person who will be the figurehead for all future correspondence.
- c. A program schedule will be provided by the Client within 7 days of signing of this agreement. This schedule will be designed in close coordination with the Service Provider and Client's authorized person.
- d. All items related to Course Name, Course content, Course Duration, Course schedule and Certification Details are given as per information furnished below.

- | | |
|------------|--|
| Annexure A | - Details of Courses offered to Mechanical/Production Engg |
| Annexure B | - Details of Courses offered to Automobile Engineering |
| Annexure C | - Details of Courses offered to Aeronautical Engineering |
| Annexure D | - Details of Courses offered to Civil Engineering |

For CADD Technologies School of Design Private Limited

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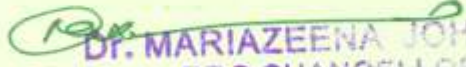
3. OBLIGATIONS OF THE SERVICE PROVIDER:-

The Service Provider confirms the following commitments as its obligations in setting up the Center of Excellence at the Client's Premises.

1. Being the Authorized Training, Certification and Academic Adoption Partner of M/s.Autodesk, The Service Provider will get the License Grant for 33 Different Software Products of Autodesk at Free of Cost which will support the need of Mechanical, Automobile, Production, Aeronautical, Civil, Electrical and Electronics and Computer Science Department. This Software suit grant is worth about Rs. 1.25 Crores and the List of Software given in Annexure E.
2. For Autodesk On-line Exam and Certification, Account will be created in the name of University and get it approved by M/s.Autodesk, to enable to conduct exams at University Premised itself.
3.
 - a. Establishing M/s.PTC Authorized Training Centre as a Joint Venture between SATHYABAMA UNIVERSITY and by CADD TECHNOLOGIES to impart training on PTC Products mainly on Creo 3.0 for Design Engineer, Industrial Design, Manufacturing and Analysis. This initiative attracts and Investment of Rs.10 Lakhs for running the ATC Program at University for Five years and the total Investment of this Set UP will fullyborne by CADD TECHNOLOGIES as an Alumni Contribution to the University.
 - b. Investment structure on SATHYABAMA UNIVERSITY - CADD TECHNOLOGIES PTC ATC setup as follows.Rs.5,00,000/- as an initial investment for licenses for the first two years. Third year renewal cost Rs.5, 00,000/-, Totally Rs. 10,00, 000/-.
 - c. Fifth year the further renewal will be done on mutually agreed terms with university that time.
4. All Programs involved in this COE Implementation and Training mapped at par with UGC, ABET, NBA & NAAC Accreditation.
5. All the Training Program contents are Industry Centric, approved by the Parent company and delivered by the Certified Professionals.
6. Setting up Innovation and Start up Hub also part of this COE.
7. Support given for getting MHRD, AICTE, DST, DRDO and ISRO Funds.
8. Support given for Patent document preparation and filing for innovative projects.

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9. Support given for execution of Consultancy Works.
10. Setting up PTC—IOT Lab in future.
11. Interactive Board with Projector will be provided by CADD Tech which is worth about Rs.1, 50, 000/- as a part of COE Set up.
12. CADD Tech will invest on Setting up an additive manufacturing Laboratory with 3D Printer. 3D Printer will be purchased and given to the university by CADD TECH as a Part of COE and the contribution of its Alumni.
13. We will provide the Furniture (Tables) and Interior décor of lab (Displays) and signage boards

4. BENEFITS TO THE STUDENTS THROUGH COE:-

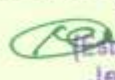
1. Students will be trained on Industrial centric Curriculum developed by the parent company.
2. Technically qualified and certified by the parent company trainers to impart training to the students with Own and International certification.
3. Training of Technology Domain such as GD & T, Plastic Design, Sheet Metal Design, and BIM (Building Information Modelling) are part of curriculum.
4. Training on the Latest version of Software with all updates is key for the students to
Get ready with industry expectations.
5. All the students will be provided Free Software from Autodesk, and PTC on Enrollment.
6. Support given for all National level design competitions like SUPRA, BAJA, etc.,
7. Students can be given an exposure to take a Prototype using 3D printer.
8. Advance Hands on Manufacturing and Tool Room exposure at Advanced Training Center, Guindy- Chennai.
9. Students will be supported for Patent filing.
10. Placement support at CADD Tech, Its Industrial Division CDES and other Companies.

1. BENEFITS TO THE FACULTIES THROUGH COE:-

1. Faculty Development Program on Latest Technologies.
2. Real Time Industry centric Training
3. Inter and Intra personal skill development training for non-teaching staffs.
4. Autodesk, PTC and ANSYS online webinar will be provided.

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5. Support to participate in International conference and seminar (INDIA & Abroad).
6. Tech Support for getting R&D funds from AICTE, DRDO, DST, SERB, IET etc.,
7. Support given for developing Industry Centric Curriculum and syllabus.
8. Technical Support for Testing and writing journal.
9. Support given for Patent Document writing and filing.

2. OBLIGATIONS OF THE CLIENT

The Client (Sathyabama University) given the following commitments to the Service Provider (CADD Technologies) to establish Center of Excellence for Digital Manufacturing at its Premises.

- a. Two Laboratories with 30 seater each (I.e. Computer with Basic Software such as Original OS,Furniture (Chairs), Networking and other Required S/w and H/w items) for setting up Design & Simulation Lab and Analysis & Manufacturing Lab.
- b. Necessary Power back up and Internet facilities.
- c. One Program Coordinator and Course Coordinator for smooth operation.
- d. In order to make the Training Program a great success a minimum of 30 students per Program per Department per Year is required to be enrolled. The Client will ensure that an enrollment reaches 30 prior to commencement of the course. The Client will provide at no cost to the Service Provider relevant publicity measures in order to meet the minimum requirement of 30 students for the program.
- e. The Client has assured the Service Provider to provide the training program for Five years. The cost involved in Establishing COE and Software cum Hardware commitments given by the Service Provider is purely based on this commitment and conducting the training program cost per student has been arrived and mutually agreed accordingly as the Investment on this total set up is high and fully bourne by the Service Provider.
- f. The Client will undertake all measures towards effective collection of fees for the program conducted by the Service Provider and the Training Fees share per Program to the Service Provider is.Rs.2000/- per Semester.

I.e.Fees per Program is	= Rs.2500/- Per Student
8 Programs in 4 years	= Rs.20, 000/-
Sharing Ratio	= 80% to the Service Provider
	20% to the University

So, The Service Provider will get = Rs.16, 000/-

I.e. Per year/ Per Student would be = Rs.4, 000/- & Rs.2, 000/-

- g. The Client will settle the payment to the Service Provider at the end of every program on completion of Training and Certification submission.

For CADD Technologies School of Design Private Limited

[Signature]

Managing Director

[Signature]

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- h. Food & Accommodation of the Resource persons will be taken care by the Client.
- i. Transportation, Accommodation and other monetary benefits incurred in organizing guest lecture by the Industry Expert/IV will be borne by the client.

3. TERM OF THE CONTRACT

The Service Agreement will be valid for a term of Five years from the date of signing of this agreement and further extension of MOU can be done on mutual consent.

4. TERMINATION BY THE SERVICE PROVIDER

The Client and Service Provider may terminate this agreement and stop acting if;

- a. The Service Provider or Client doesn't comply with the agreement; or
- b. Service Provider or the Client forms the opinion, on reasonable grounds, that mutual confidence and trust do not exist between both parties; or
- c. Service Provider and the Client believes on reasonable grounds that, by continuing to act for both the parties, it may breach the professional conduct rules which are binding upon professionals in the education industry.

5. MUTUAL SUPPORT AND COOPERATION

The Service Provider and the Client agrees that it will take all steps reasonably necessary, at its own expense, to;

- a. To designate key individuals to perform its obligations here under.
- b. To conduct periodic meetings of all such key individuals and others as necessary.
- c. To fully cooperate with all reasonable requests for assistance.

The parties will make diligent efforts through their respective key individuals to identify the causes of any problems in the services and to make adjustments, in an equitable fashion, in order to address and resolve such problems.

6. NON EXCLUSIVE NATURE

Both parties agree that this agreement represents a non-exclusive relationship between the parties and nothing contained herein shall preclude either party from participating/initiating similar relationships with third party. However the Client shall not engage another Service Provider in similar domain conducting similar activities for the period of association.

7. NON DISCLOSURE

The Client undertakes not to disclose or allow to be disclosed or copy or allow to be copied any material, collateral, training guides, books or manuals, strategies etc provided by the Service Provider to any other third party or institutions.

8. NON SOLICITATION

The Service Provider and the Client recognize that their individual employees, consultants and other resource personnel are invaluable assets for the respective organizations and undertake that they will not recruit, attempt to recruit, employ or offer any work or consulting to any employee, consultant or resource person from each other's organizations either directly or indirectly during the MoU period for a period of a year after the termination of the MoU.

ICT CADD Technologies School of Design Private Limited


Managing Director


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Jepplaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

9. NOTICES

All notices, requests, demands and other communications under this agreement or in connection herewith shall be given to or made upon the respective parties as follows:

a) On behalf of CADD Technologies

b) on Behalf of Sathyabama University

CADD Technologies School of Design Private Limited

Managing Director

Signature/ Seal

Name: V. Kumaresh

Designation: Managing Director

Witness:-

1. 1. 

T. R. RAMSANKAR

S/o. T. S. RAMASUBRAMANIAM

7A-12/10, Rajiv Gandhi Nagar,

RAJAPALAYAM - 626108.

2.


Signature/ Seal

Name: Dr. Mariazeena Johnson

Designation: Pro Chancellor

DR. MARIAZEENA JOHNSON
PRO CHANCELLOR
SATHYABAMA UNIVERSITY
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Jeppiaar Nagar, Rajiv Gandhi Salai,
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Dr. K.V. Narayanan

Vice Chancellor

Sathyabama University

Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai-600 119, Tamilnadu

2.



Dr. S. PRAKASH, M.E., Ph.D.,

Faculty Head - Mechanical

Faculty of Mechanical Engg

Sathyabama University, Chennai-119, India

facultyhead.mech@sathyabamauniversity.ac.in

Annexure A

Department: Mechanical Engineering / Production Engineering

S.No.	Semester	Name of the Course / Programme	Duration in Hours	Modules	Certification	Remarks
1	I	Advanced AutoCAD 2D	50	1. Plane and Projection Concepts 2. 2D Drafting 3. Isometric View 4. Layer Concepts	Autodesk Course Completion Certification	-
2	II	Algodoo	30	1. Basics of Kinematics 2. Dynamics of Particles 3. Dynamics of Body 4. Rigid Body Dynamics 5. Basics of Conceptual Simulation	CADD Technologies & Sathyabama University Joint Certification	During this semester students undergo this two course
3	II	Advanced AutoCAD 3D	20	1. 3D Creation Concepts 2. Creation of Solid Primitives 3. Boolean Operations 4. Solid Editing 5. Rendering and Lighting Concepts	Autodesk Course Completion Certification	
4	III	Basics of Autodesk Inventor (or) Solidworks	50	1. Sketch 2. Part Modeling 3. Assembly 4. Detailing	- Autodesk Course Completion Certification (Inventor) - CTs Certification (Solidworks)	During this semester students can choose any one software

For CADD Technologies School of Design Private Limited.

K. P. S.

Managing Director

Red

Dr. MARIAZEENA JOHNSON
PRO CHANCELLOR

SATHYABAMA UNIVERSITY

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Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

5	IV	Advanced Autodesk Inventor (or) Solidworks	30	1. Advanced Assembling 2. Weldments 3. Sheetmetal Design 4. Surface Modeling 5. Simulation	- Autodesk Course Completion Certification (Inventor) - CTs Certification (Solidworks)	Student can choose and study the advanced module based on the previous semester selected course
		Basics of Creo or CATIA	20	1. Sketch 2. Part Modeling 3. Assembly 4. Detailing		During this semester students can choose any one software.
6	V	Advanced Creo or CATIA	30	1. Advanced Assembling 2. Flexible / Direct Modeling 3. Surface Modeling 4. Sheetmetal Design 5. Mold Design (CREO) 6. Mechanism Simulation	- PTC Certification (Creo) - TATA Technologies Certification (CATIA)	Student can choose and study the advanced module based on the previous semester selected course
		Basics of ANSYS	20	1. Basics of FEA 2. Ansys Sketching 3. Ansys Modeling 4. Meshing 5. SFD & BMD Extraction 6. Structural Analysis		During this semester students undergo this two course (Adv. CREO (or) CATIA + ANSYS)
7	VI	ANSYS Structural (or) CFD	30	1. Advanced Structural Modules (or) 1. CFD Modules	ANSYS Certification	Student can choose any one module based on their engineering stream or interest or his / her field of project.
		Technology Course GD&T (or) Plastic Design (or) Sheetmetal	20	Detailed syllabus and module given during the time of programme	CADD Technologies & Sathyabama University Joint Certification	During this semester students undergo this two course / Programme (ANSYS Structural (or) CFD + any one technology course)

8	VII	Core Technology Training	15	Students will be supported with core technology training according to their requirements or requirements from the industry where he / she got placed	-	-
	VII	Project Support	30	Students will be supported with designing, simulating or prototyping according to their requirements for their major project	-	-
	VIII	Reverse Engineering	40	Part to Art	CADD Technologies & Sathyabama University Joint Certification	During this semester students undergo all the programmes
9		3D Printing		Art to Part		
		Industrial Collaboration Training	10	Technology based Industrial Training provided based on students requirements (Option will be given during the time of programme)	CADD Technologies & Industry Joint Certification	

Reed

Dr. MARIAZEENA JOHNSON
PRO CHANCELLOR

SATHYABAMA UNIVERSITY
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[Signature]
Managing Director

S.No.	Semester	Name of the Course / Programme	Duration in Hours	Modules	Certification	Remarks
1	I	Advanced AutoCAD 2D	50	1. Plane and Projection Concepts 2. 2D Drafting 3. Isometric View 4. Layer Concepts	Autodesk Course Completion Certification	-
2	II	Algodoo	30	1. Basics of Kinematics 2. Dynamics of Particles 3. Dynamics of Body 4. Rigid Body Dynamics 5. Basics of Conceptual Simulation	CADD Technologies & Sathyabama University Joint Certification	During this semester students undergo this two course
3	II	Advanced AutoCAD 3D	20	1. 3D Creation Concepts 2. Creation of Solid Primitives 3. Boolean Operations 4. Solid Editing 5. Rendering and Lighting Concepts	Autodesk Course Completion Certification	
4	III	Basics of Autodesk Inventor (or) Fusion 360	50	1. Sketch 2. Part Modeling 3. Assembly 4. Detailing	Autodesk Course Completion Certification (Inventor)	During this semester students can choose any one software

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5	IV	Advanced Autodesk Inventor (or) Fusion 360	30	1. Advanced Assembling 2. Weldments 3. Sheetmetal Design 4. Surface Modeling 5. Simulation	Autodesk Course Completion Certification (Inventor)	Student can choose and study the advanced module based on the previous semester selected course
		Basics of CREO or	20	1. Sketch 2. Part Modeling 3. Assembly 4. Detailing	CADD Technologies & Sathyabama University Joint Course Completion Certification	
		Basics of Alias		1. Sketch 2. Design Tool 3. Transform Model 4. Surface Model	Autodesk Course Completion Certification (Alias)	
6	V	Advanced CREO or	30	1. Advanced Assembling 2. Flexible Modeling 3. Surface Modeling 4. Sheetmetal Design 5. Mold Design 6. Mechanism Simulation	PTC Certification(Creo)	Student can choose and study the advanced module based on the previous semester selected course
		Advanced Alias		1. Advanced Surface Modeling 2. Advanced Modelling 3. Alias Meshing 4. Surface Evaluation 5. Surface Painting 6. Rendering	Autodesk Course Completion Certification (Alias)	
		Basics of ANSYS	20	1. Basics of FEA 2. Ansys Sketching 3. Ansys Modeling 4. Meshing 5. SFD & BMD Extraction 6. Structural Analysis		

For CADD Technologies School of Design Private Limited,

V. Johnson
Managing Director

Dr. Marijazeena Johnson
PRO CHANCELLOR

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7	VI	ANSYS Structural (or) CFD	30	1. Advanced Structural Modules (or) 2. CFD Modules	ANSYS Certification	Student can choose any one module based on their engineering stream or interest or his / her field of project. During this semester students undergo this two course / Programme (ANSYS Structural (or) CFD + any one technology course)
		Technology Course GD&T (or) Plastic Design (or) Sheetmetal	20	Detailed syllabus and module given during the time of programme	CADD Technologies & Sathyabama University Joint Certification	
8	VII	Core Technology Training on Automotive Internet of Things (IoT)	30	1. Introduction to IoT Platform and Connectivity 2. Smart Driving Assistance 3. Cloud based infotainment 4. Predictive Maintenance	CADD Technologies & Sathyabama University Joint Certification	Students will be supported with core technology training according to their requirements
		Project Support	20	Students will be supported with designing, simulating or prototyping according to their requirements for their major project	-	
9	VIII	Reverse Engineering 3D Printing	40	Part to Art Art to Part	CADD Technologies & Sathyabama University Joint Certification	During this semester students undergo all the programmes
		Industrial Collaboration Training	10	Technology based Industrial Training provided based on students requirements (Option will be given during the time of programme)	CADD Technologies & Industry Joint Certification	

S.No.	Semester	Name of the Course / Programme	Duration in Hours	Modules	Certification	Remarks
1	I	Advanced AutoCAD 2D	50	1. Plane and Projection Concepts 2. 2D Drafting 3. Isometric View 4. Layer Concepts	Autodesk Course Completion Certification	-
2	II	Algodoo	30	1. Basics of Kinematics 2. Dynamics of Particles 3. Dynamics of Body 4. Rigid Body Dynamics 5. Basics of Conceptual Simulation	CADD Technologies & Sathyabama University Joint Certification	During this semester students undergo this two course
3	II	Advanced AutoCAD 3D	20	1. 3D Creation Concepts 2. Creation of Solid Primitives 3. Boolean Operations 4. Solid Editing 5. Rendering and Lighting Concepts	Autodesk Course Completion Certification	
4	III	Basics of Autodesk Inventor (or) Solidworks	50	1. Sketch 2. Part Modeling 3. Assembly 4. Detailing	- Autodesk Course Completion Certification (Inventor) - CTs Certification (Solidworks)	During this semester students can choose any one software

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5	IV	Advanced Autodesk Inventor (or) Solidworks	30	- Advanced Assembling - Weldments - Sheetmetal Design - Surface Modeling - Simulation	- Autodesk Course Completion Certification (Inventor) - CTs Certification (Solidworks)	Student can choose and study the advanced module based on the previous semester selected course
6	V	Basics of Fusion 360 or CATIA	20	- Sketch - Part Modeling - Assembly - Detailing	- Autodesk Course Completion Certification (Fusion) - CTs Certification (CATIA)	During this semester students can choose any one software.
		Advanced Fusion 360 or CATIA	30	- Advanced Assembling - Flexible / Direct Modeling - Surface Modeling - Sheetmetal Design - Mold Design (CREO) - Mechanism Simulation	- Autodesk Course Completion Certification - TATA Technologies Certification (CATIA)	Student can choose and study the advanced module based on the previous semester selected course
		Basics of ANSYS	20	- Basics of FEA - Ansys Sketching - Ansys Modeling - Meshing - SFD & BMD Extraction - Structural Analysis	-	During this semester students undergo this two course (Adv. Fusion 360 (or) CATIA + ANSYS)
		ANSYS Structural (or) CFD	30	Advanced Structural Modules (or) CFD Modules	ANSYS Certification	Student can choose any one module based on their engineering stream or interest or his / her field of project.
7	VI	Technology Course GD&T (or) Plastic Design (or) Sheetmetal	20	Detailed syllabus and module given during the time of programme	CADD Technologies & Sathyabama University Joint Certification	During this semester students undergo this two course / Programme (ANSYS Structural (or) CFD + any one technology course)

8	VII	Core Technology Training on Automotive Internet of Things (IoT)	30	1. Introduction to IoT Platform and Connectivity 2. Smart Driving Assistance 3. Cloud based infotainment 4. Predictive Maintenance	CADD Technologies & Sathyabama University Joint Certification	Students will be supported with core technology training according to their requirements
	VII	Project Support	20	Students will be supported with designing, simulating or prototyping according to their requirements for their major project		
9	VIII	Reverse Engineering 3D Printing	40	Part to Art Art to Part	CADD Technologies & Sathyabama University Joint Certification	During this semester students undergo all the programmes
		Industrial Collaboration Training	10	Technology based Industrial Training provided based on students requirements (Option will be given during the time of programme)	CADD Technologies & Industry Joint Certification	

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S.No.	Semester	Course Offered	Duration in Hrs.	Modules Covered	Course Outcome	Certification
2	II	AutoCAD - Basics	50	• 2D Drafting • Isometric View Annotation • Layer Drawing Properties • Plotting	Student will learn to sketch with accurate dimensions and study engineering drawings The course is designed to aid participants in acquiring skills that would help them in detailed engineering drawings 2D	Autodesk Certification
3	III	AutoCAD - Advanced	50	• Introduction of 3D, Views, Viewports. • Solid Creation, UCS. • Surface Creation & Editing. • Mesh, Section. • Rendering, Lighting. • Motion Path Animation.	Student will understand 3D views and make 3D models with accurate specifications and features. Student will be capable of making complex solids and surface also they will have knowledge in 3D Viewing Techniques	Autodesk Certification
4	IV	Revit Architecture	60	• Introduction to Revit & Building Basics, BIM Concepts. • Architecture • Roof Creation, Ceiling, Lighting • Family Creation	Student will come to know how to create more accurate architectural designs. Also they can maintain their vision through design, documentation, and construction.	Autodesk Certification

5		Bentley - AecoSIM	60	• Introduction to AecoSIM & BIM Concepts. • Library Creation • Wall Creation, Ceiling • Lighting • Rendering • Walkthrough • Understanding views, Primitives, Cloning and other operation • Boolean and Pro Boolean operation • Polygon modeling tools and Cloth Simulation • Understanding AEC objects and Advance Modifiers • Rendering Materials and Rendering setting • Animation - Basics and Principal, walkthrough	Will gain more easy skill to do model, edit, and document designs. Student will know how to Produce plans, framing layouts, sections, and elevations and more	Bentley Certification
6	V	3DS Max	50	• Understanding V-Ray concept by using rendering	Student will come to know how to create more Interior Exterior Design	Autodesk Certification

7		Or Navis Work	30	• Introduction • Modify and reviewing • Animations • 4D and 5D Concept • Visualization	Student will come to know concept of 4D and 5D 4D animation	Autodesk Certification
8	VI	Bentley - STAAD .Pro	50	• Introduction to STAAD, Model Generation. • FEM, Property Assignment • Loads and Generators • Beam Analysis • Advanced post processor, RC buildings Analysis • 2D Truss, 3D Industrial frame.	Student will come to know about how create structure in staad pro Will know about analysis and design for concrete and structure Will know about wind load, seismic design, water tank design, stair case design.	Bentley Certification
9		ANSYS - Intro	50	• Sketch & Modelling • Meshing • SFD & BMD Diagram		ANSYS Certification
11		Ms project	40	• Activity in task, Resources • Assigning	Student will come to know about creating plan at the level of detailing	

			resources to tasks • Advanced task scheduling • Tracking progress on tasks and assignments • Project cost • Consolidating projects and resources Students can take assistance and do the consulting on their major project.	They well known about calendar, start date & scheduling method Student well known about how to create & manage task, cost, work and resources	
12		Project Support	30	Students will be supported with designing, simulating or prototyping according to their requirement for their major project.	
13	VIII	Core Technology Training (Pro Active Training)	15	Students will be offered with the technology training which will be planned accordingly to the Industrial Requirement	Students will be supported with core technology training according to their requirement or requirement from the Industry where he/ she got selected.
					CTS - Industry Collaboration Certification

For CADDD Technologies School of Design Private Limited

V. Srinivas
Managing Director

Pro

Dr. MARIAZEENA JOHNSON
PRO CHANCELLOR
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