SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
(Deemed to be University)

SHORT TERM TRAINING PROGRAM ON ABB IRB 1520 INDUSTRIAL ROBOT

Organized by

Department of Mechatronics Engineering

School of Mechanical Engineering

Date: 05 -07-2021 to 30-07-2021

This training mainly focuses on providing the students the fundamentals, terminologies and basic operations of the industrial robots for the students and research scholars to meet the ever changing demands on industrial needs for Robotics.



COURSE HIGHLIGHTS

- 30 Hours of Hands on Experience with ABB IRB1520 Robot
- Training Sessions on Program Industrial Robot
- Training sessions on robot kinematics using MATLAB Software
- Certificate will be Provided in association with Professional Bodies

Convener
Dr. S. Prakash
Dean, School of Mechanical Engineering

For Registration Contact
Dr. J. R. Deepak
Associate Professor
Department of Mechatronics Engineering
Mobile: 9047382398

Course Coordinator
Dr. R. B .Durairaj M.Tech (Robotics)., PhD.,
Assistant Professor,
Center of Robotics & Automation
School of Mechanical Engineering
Sathyabama Institute of Science and Technology,
Chennai – 119
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COURSE MODULES FOR TRAINING PROGRAM ON ABB IRB 1520 INDUSTRIAL ROBOT

MODULE – I	• Introduction to Robotics • Introduction to Industry 4.0 • Need of Robots in Manufacturing • Robot Configuration , Work Volume & Pay load • Robot Kinematics • Robot Grippers • Robot Gripper Design • Robot Actuators • Robot Sensors	(8 hours)
MODULE – II	• Robot Machine Vision System • Robot Control System • Flexible Manufacturing Systems • Robot work cell • Industrial Application for Robots • Robots in Medical Applications • Robots in Hazardous Environment • Robot Safety and Maintenance	(12 hours)
MODULE – III	• Introduction to Robot Programming • Teach Pendant / Flex Pendant • Robot Coordinates , TCP , Interfacing with Flex Pendant • Basic Operations using Flex Pendant • Jogging Mode – Practical – I • Motion Commands – Practical – II • Basic Pick and Place Operation – Practical – III • Programming for Palletizing – Practical - IV	(10 hours)

COURSE MODULES FOR TRAINING PROGRAM ON ABB IRB 1520 INDUSTRIAL ROBOT

COURSE OBJECTIVES

- To introduce the robotic concepts, parts and various types of robots.
- To make the students familiar with sensors, drive systems for robot and their applications in robots, programming of robots.
- To understand the various applications of robots, justification, implementation and safety of robot.
- To introduce different types of robotics and demonstrate them to identify different parts and Components.
- To write programming for simple operations like pick and place, rotoxim etc.

COURSE OUTCOMES

On completion of the course, student will be able

CO1 - Provide sufficient knowledge of industrial robot.

CO2 - Understand basic knowledge of robot programming.

CO3 - Understand the concepts of work volume, configuration of industrial robot.

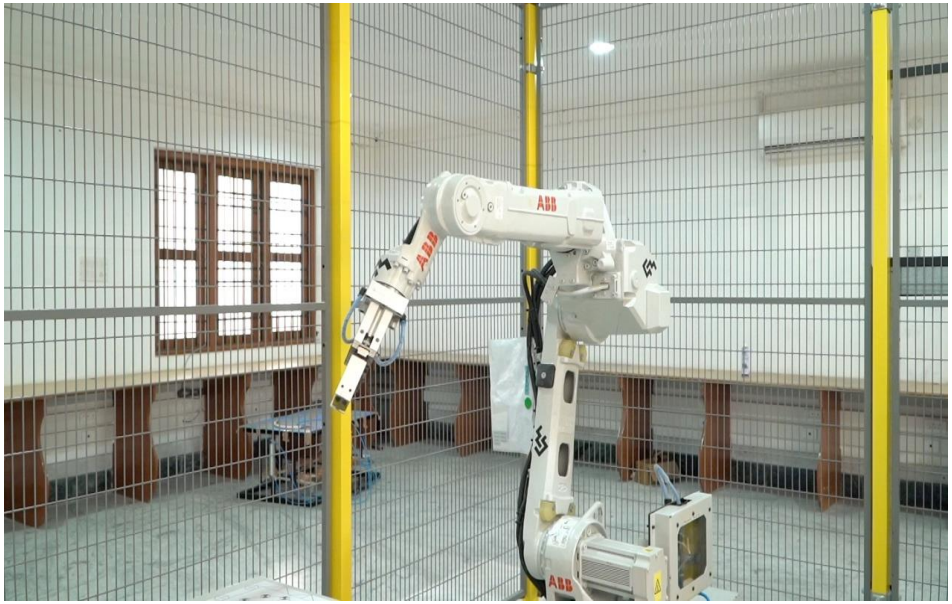
CO4 - Introduce the position representation on work space.

CO5 - Impart knowledge on robot programming language and to educate how to program a robot

HANDS ON TRAINING PROGRAM ON ABB IRB 1520 INDUSTRIAL ROBOT

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LIST OF PARTICIPANTS FOR TRAINING PROGRAM ON ABB IRB 1520 INDUSTRIAL ROBOT

Date: 05 -07-2021 to 30-07-2021

39090001	ANIRUDH R.P.
39090002	ARJUN V.S.
39090003	ARUN K.
39090004	ASVIN KUMAR T.
39090005	B.SHANMUKH VARUN TEJA
39090006	S.BUVANESWARAN
39090007	CHRIS EDWIN J.
39090008	DEEPAK JEFFERSON.
39090009	DIVAKAR
39090010	P. GUMANAN
39090011	G.SIDDARTHA
39090012	JENIS TONY R.
39090013	R. JORAPH NICHOLAS
39090014	JOSEPH THAMBI KOPPADA
39090015	S.KARTHIKEYAN
39090016	K.R.KATHIRAVAN
39090017	R. KAUSHIK
39090018	KISHAAN B.S.
39090019	S.P.KISHORE
39090020	S.KRISHNA PRASATH

39090021	KRISHNA SUBBAIAH CHARYULU V.
39090022	KRISHNAKAANTH M.
39090023	MELVIN ANDERSON
39090024	MOHAMED RASHIK M.
39090025	MOHANA PRAKASH R.
39090026	MOKESHWARAN V.
39090027	MONISHWARAN K.
39090028	MUGHILAN R.B.
39090029	N.YASEER
39090030	NARENE RICHARD J.
39090031	NAVIN I.
39090032	NEVYA K. ABRAHAM
39090033	NIRANJAN PRABAKARAN
39090034	NISHANTH
39090035	NITHISHKAR
39090036	PRABHU RAJA S.
39090037	PRASANNA KUMAR M.
39090038	PRAVEEN KANNA U.K.
39090039	PUGAZH SIVAKUMAR

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Attendance Sheet

		Date: 05 -07-2021 to 30-07-2021																					
		5	6	7	8	9	10	12	13	14	15	16	17	19	20	21	22	23	24	26	27	28	29	30
39090001	ANIRUDH R.P.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090002	ARJUN V.S.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090003	ARUN K.	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090004	ASVIN KUMAR T.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090005	B.SHANMUKH VARUN TEJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090006	S.BUVANESWARAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090007	CHRIS EDWIN J.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090008	DEEPAK JEFFERSON.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090009	DIVAKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090010	P. GUMANAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090011	G.SIDDARTHA	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P
39090012	JENIS TONY R.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090013	R. JORAPH NICHOLAS	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090014	JOSEPH THAMBI KOPPADA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090015	S.KARTHIKEYAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090016	K.R.KATHIRAVAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090017	R. KAUSHIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090018	KISHAAN B.S.	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090019	S.P.KISHORE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090020	S.KRISHNA PRASATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090021	KRISHNA SUBBAIAH CHARYULU V.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P
39090022	KRISHNAKAANTH M.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090023	MELVIN ANDERSON	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090024	MOHAMED RASHIK M.	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090025	MOHANA PRAKASH R.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090026	MOKESHWARAN V.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090027	MONISHWARAN K.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090028	MUGHILAN R.B.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090029	N.YASEER	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090030	NARENE RICHARD J.	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090031	NAVIN I.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090032	NEVYA K. ABRAHAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090033	NIRANJAN PRABAKARAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090034	NISHANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090035	NITHISHKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090036	PRABHU RAJA S.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090037	PRASANNA KUMAR M.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090038	PRAVEEN KANNA U.K.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39090039	PUGAZH SIVAKUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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PUGAZH SIVAKUMAR

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NARENE RICHARD J

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MONISHWARAN K

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KRISHNA PRASATH

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presented to



JENIS TONY R

Student of School of Mechanical Engineering has successfully completed the "TRAINING PROGRAM on ROBOT and PROGRAMMING" on ABB IRB1520 Industrial Robot from 05 -07-2021 to 30-07-2021 organized by Department of Mechatronics Engineering, School of Mechanical Engineering, Sathyabama Institute of Science and Technology, Chennai.

Mr.J.R.DEEPAK
ASSISTANT PROFESSOR
DEPARTMENT OF MECHATRONICS ENGINEERING
SCHOOL OF MECHANICAL ENGINEERING

DR.R.B.DURAIRAJ
Assistant Professor,
Center of Robotics & Automation
School of Mechanical Engineering

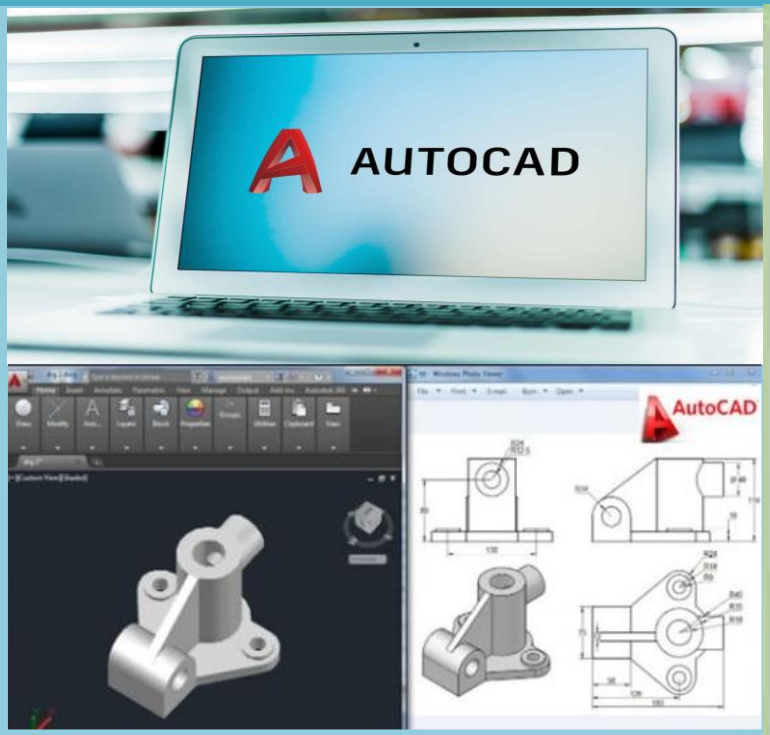
Dr.S.PRAKASH
Dean
School of mechanical engineering

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
(Deemed to be University)

FOUR WEEKS SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN

Organized by
School of Mechanical Engineering

Date: 31-01-2022 to 25-02-2022





For Registration Contact :
Dr. M Sangeetha
Assistant Professor
Department of Mechatronics Engineering

Course Coordinator
Dr. J. R. Deepak
Assistant Professor
Department of Mechatronics Engineering
Mobile No: 9047382398

Convener
Dr. S. Prakash
Dean, School of Mechanical Engineering

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COURSE PLAN

Week – 1 (14 hours)	Week – 2 (12 hours)	Week – 3 (10 hours)	Week – 4 (10 hours)
Introduction to AutoCAD Software	Modify commands Move ,Rotate, Scale, copy, Mirror, erase, trim, extend	Isometric views Isometric top, left, right Isometric diagrams	Use the AutoCAD visual reference commands Drawing Area Setup Visual reference
Control the drawing change views function keys AutoCAD basics	Annotate Dimension Style Manager Linear, Aligned, Radius Angular, Arc length	Isometric drawings Isometric diagrams	Interactive Input method grid snap mode
Cartesian coordinate system Absolute coordinate system Relative coordinate system	Text command Layers blocks Single line text Multiline text Layer properties Insert blocks	2D Fundamentals Drawing units Sheet settings	Practice Sessions (3 Hours)
Draw commands Line command Poly line command Rectangle command	Parametric Geometric, Dimensional Manage	Create and Save Auto CAD Save files Export pdf plot	Practice Sessions (3 Hours)
Practice Sessions (3 Hours)	Practice Sessions (3 Hours)	Practice Sessions (3 Hours)	Final Exam (3 Hours)

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Date: 31-01-2022 to 25-02-2022

COURSE OBJECTIVES

- **To gain practical experience in engineering modeling through computer aided systems.**
- **To understand the functioning of 2D drafting and 3D modeling software systems.**

COURSE OUTCOMES On completion of the course, student will be able to

- **CO1 - Understand the fundamentals of computer aided design.**
- **CO2 - Implement their knowledge in designing a model.**
- **CO3 - Understand the various limits and tolerances.**
- **CO4 - Understand various dimensioning styles.**
- **CO5 - Implement their knowledge to model various 2D and 3D models.**
- **CO6 - Understand various commands and keyboard shortcuts for faster modeling skills.**

FOUR WEEKS SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN
Organized by

School of Mechanical Engineering
Date: 31-01-2022 to 25-02-2022

- **Four weeks short term skill development course on AutoCAD design for School of Mechanical Engineering students Organized by School of Mechanical Engineering, Sathyabama Institute of Science and Technology from 31 -01-2022 to 25-02-2022.**
- **30 Under Graduate Students of Mechatronics Engineering students have successfully completed the AutoCAD short term course.**





Dr. J. R. Deepak
Course Coordinator

DEAN
SCHOOL OF MECHANICAL ENGINEERING
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

Dr. S. Prakash
Dean

LIST OF PARTICIPANTS FOR FOUR WEEKS SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN

Organized by
School of Mechanical Engineering
Date: 31-01-2022 to 25-02-2022

Sl.No	Register Number	Name of the Student
1	39090002	ARJUN V.S.
2	39090006	S.BUVANESWARAN
3	39090012	JENIS TONY R.
4	39090018	KISHAAN B.S.
5	39090020	S.KRISHNA PRASATH
6	39090026	MOKESHWARAN V.
7	39090027	MONISHWARAN K.
8	39090031	NAVIN I.
9	39090035	NITHISHKAR
10	39090051	SNEKANTH B.
11	39090060	D.VIGNESH
12	39090701	PONMUTHU P.
13	39090702	DEEPAK SAI C.M.
14	39090703	LOKESH M.
15	39090704	BHARGAVA RAO P.
16	39090705	PRASANTH S.
17	39090706	S.SABARI GANESH
18	39090901	N KIRUBAKARAN
19	39090004	ASVIN KUMAR T.
20	39090007	CHRIS EDWIN J.
21	39090008	DEEPAK JEFFERSON.
22	39090009	DIVAKAR
23	39090016	K.R.KATHIRAVAN
24	39090022	KRISHNAKAANTH M.
25	39090024	MOHAMED RASHIK M.
26	39090032	NEVYA K. ABRAHAM
27	39090037	PRASANNA KUMAR M.
28	39090038	PRAVEEN KANNA U.K.
29	39090030	NARENE RICHARD J.
30	39090033	NIRANJAN PRABAKARAN

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LIST OF PARTICIPANTS FOR FOUR WEEKS SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN

Date: 31-01-2022 to 25-02-2022
Attendance Sheet for Students

			Date: 31-01-2022 to 25-02-2022																					
Sl.No	Register Number	Name of the Student	31	1	2	3	4	5	7	8	9	10	11	12	14	15	16	17	18	19	21	22	23	24	25
1	39090002	ARJUN V.S.	A	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P
2	39090006	S.BUVANESWARAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	39090012	JENIS TONY R.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	39090018	KISHAAN B.S.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	39090020	S.KRISHNA PRASATH	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	39090026	MOKESHWARAN V.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	39090027	MONISHWARAN K.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	39090031	NAVIN I.	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	39090035	NITHISHKAR	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P
10	39090051	SNEKANTH B.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	39090060	D.VIGNESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	39090701	PONMUTHU P.	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	39090702	DEEPAK SAI C.M.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	39090703	LOKESH M.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	39090704	BHARGAVA RAO P.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A
16	39090705	PRASANTH S.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	39090706	S.SABARI GANESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	39090901	N KIRUBAKARAN	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A
19	39090004	ASVIN KUMAR T.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	39090007	CHRIS EDWIN J.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	39090008	DEEPAK JEFFERSON.	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	39090009	DIVAKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	39090016	K.R.KATHIRAVAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	39090022	KRISHNAKAANTH M.	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P
25	39090024	MOHAMED RASHIK M.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	39090032	NEVYA K. ABRAHAM	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P
27	39090037	PRASANNA KUMAR M.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P
28	39090038	PRAVEEN KANNA U.K.	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	39090030	NARENE RICHARD J.	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	39090033	NIRANJAN PRABAKARAN	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P

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Dean

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CHENNAI

CERTIFICATE OF PARTICIPATION



NARENE RICHARD J.

has successfully completed the "SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN", organized by Department of Mechatronics Engineering SCHOOL OF MECHANICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.

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PRAVEEN KANNAA U K

has successfully completed the "SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN", organized by Department of Mechatronics Engineering SCHOOL OF MECHANICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.

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PRASANNA KUMAR M

has successfully completed the "SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN", organized by Department of Mechatronics Engineering SCHOOL OF MECHANICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.

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NEVYA K ABRAHAM

has successfully completed the "SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN", organized by Department of Mechatronics Engineering SCHOOL OF MECHANICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.

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MOHAMED RASHIK M

has successfully completed the "SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN", organized by Department of Mechatronics Engineering SCHOOL OF MECHANICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.

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KRISHNAKAANTH M

has successfully completed the "SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN", organized by Department of Mechatronics Engineering SCHOOL OF MECHANICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.

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KATHIRAVAN K R

has successfully completed the "SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN", organized by Department of Mechatronics Engineering SCHOOL OF MECHANICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.

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DIVAKAR S G

has successfully completed the "SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN", organized by Department of Mechatronics Engineering SCHOOL OF MECHANICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.

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MONISHWARAN K

has successfully completed the "SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN", organized by Department of Mechatronics Engineering SCHOOL OF MECHANICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.

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MOKESHWARAN V

has successfully completed the "SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN", organized by Department of Mechatronics Engineering SCHOOL OF MECHANICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.

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BUVANESWARAN S

has successfully completed the "SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN", organized by Department of Mechatronics Engineering SCHOOL OF MECHANICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.

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ARJUN V S

has successfully completed the "SHORT TERM SKILL DEVELOPMENT COURSE ON AUTOCAD DESIGN", organized by Department of Mechatronics Engineering SCHOOL OF MECHANICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.

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SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

School of Science and Humanities
Department of Mathematics

in association with

IIT BOMBAY, Spoken Tutorial

(An initiative of National Mission on Education through ICT, MHRD, Govt of India)
Organizes
Six Days Online Student Development Program (SDP) on

Scilab

SDP Dates: 24.01.2022 to 29.01.2022

Spoken Tutorial project is funded by National Mission on Education through ICT, MHRD, Govt. of India and Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt of India

Free Registration !
E-Certificates will be given to all participants

Register Online at:
https://forms.gle/QhMaGw521juJTZLb8
Last date for Registration: 23.01.2022

Who Can Attend

Students from all Engineering, Science, Management are eligible to participate.

CHIEF PATRONS:
Dr. Mariazeena Johnson, Chancellor
Dr. Marie Johnson, President
Mr. J. Arul Selvan, Vice President
Ms. Maria Bernadette Tamilarasi, Vice President

PATRON
Dr. T. Sasiprabha
Vice Chancellor

Convenor:
Dr. M. Nirmala, Head
Department of Mathematics

Organizers:
Mrs. M. Prasanna Jeyanthi
Dr. H. Girija Bai,
Assistant Professor/Mathematics

Reach us at:
Email: prasannajeyanthi.maths@sathyabama.ac.in,
girija.maths@sathyabama.ac.in Contact us: 9442056967, 9444962109

Course Content and Schedule

Date	9.00-10.30am	10.45-12.15	1.00-3.00
24.01.2022	Introduction to Scilab	Matrix Operations	Hands-on Session
25.01.2022	Working with Polynomials	Plotting Graphs	Hands-on Session
26.01.2022	Creating Script file and function files	File operations	Hands-on Session
27.01.2022	Conditional Branching	Reading Excel files	Hands-on Session
28.01.2022	C/C++ Programs with Scilab	Solution of ODE and PDE	Hands-on Session
29.01.2022	Statistics	Data Structures	Hands-on Session

COURSE OUTCOMES: -

After the successful completion of this course, the students shall be able to

1. Acquire knowledge about Scilab environment and programming language.
2. Use 2D, 3D graphical functions to display and analyze data.
3. Understand about operations on figures and axes.
4. solve complex engineering problems by using scripts and functions to create object oriented modular programs.
5. Use mathematical functions to solve problems on vectors, matrices, polynomials, differential equations and finite difference method .
6. Link external C/C++ programs with Scilab

VALUE ADDED COURSE ON SCILAB -ATTENDANCE SHEET							
24TH JANUARY TO 29TH JANUARY (2022)							
S.NO	**STUDENT'S NAME**	**24.01.2022**	**25.01.2022**	**26.01.2022**	**27.01.2022**	**28.01.2022**	**29.01.2022**
1	PAWAN KALYAN	P	P	P	P	P	P
2	SNEH LATA	P	P	P	P	P	P
3	ULISEETY SUBRAMANYAM	P	P	P	P	P	P
4	SREE VARSAN P	P	P	P	P	P	P
5	MANISHA S	P	P	P	P	P	P
6	MARIA FERISCA.J.H	P	P	P	P	P	P
7	SAMPATH REDDY	P	P	P	P	P	A
8	KONDETI DHANUSH	A	P	P	P	P	P
9	MANISHAA R S	P	P	P	P	P	P
10	GAYATHIRI DEVI D	P	P	A	P	P	P
11	KIRUBHASHANKAR C K	P	P	P	P	P	P
12	S ABHISHEK	P	P	P	P	P	P
13	SUMAVI VAKALAPUDI	P	P	P	P	P	P
14	RSIHITA NAYAK	P	P	P	P	P	P
15	TAMBABATTULA VENKATA SAI KRISHNA	A	P	P	P	P	P
16	UTTHARPALLY PAVAN KUMAR	P	P	P	P	P	P
17	ANISH MURALIDHARAN	P	P	P	P	P	P
18	BHUVANESWARI K	P	P	P	P	P	P
19	VAITHEESHWAR B	P	P	P	P	P	P
20	SUSHELA RM	P	P	P	P	P	P
21	BONTHALA MANASA	P	P	A	P	P	A
22	YOSHNAREDDY MOPURU	P	P	P	P	P	P
23	SAI KUMAR	P	P	P	A	P	P
24	VENKATESH JAKKA	P	P	P	P	P	P
25	M MALLIKA	P	P	P	P	P	P
26	RAKSHITHA LS	P	P	P	P	P	P
27	PODUTUR LAHARI	P	P	P	P	P	P
28	PONSWETHA S	P	P	P	P	P	P
29	RUBASRI S	P	P	P	P	P	P
30	POOJALAKSHMI K	P	P	P	P	P	P
31	YUGAMATHI S	P	P	P	P	P	P
32	VALARMADHI E	P	P	P	P	P	P
33	KAVIYA SHREE TK	P	P	P	P	P	P
34	DHANUSH MARUPAKA	P	P	P	P	P	P
35	DIVYA YADLAPATI	P	P	P	P	P	P
36	SRAVANA SRIKNATH	P	P	P	P	P	P
37	DIVYA YADLAPATI	P	P	P	A	P	P
38	SUDHARSAN L	P	P	P	A	P	P
39	V.SASI KIRAN REDDY	P	P	P	P	P	P

40	A.HEMA	P	P	P	P	P	P
41	SUMITHRA K	P	P	P	P	P	P
42	SIMHADRI SAI SANTOSH DEEPAK	P	P	P	P	P	P
43	SHREENITHI TV	P	P	P	P	P	P
44	SHARMILA R	P	P	P	P	P	P
45	SAI SIVA SUBRAMANIYEM S	P	P	P	P	P	P
46	SUNDARAM KT	A	P	P	P	P	P
47	CHARLES PREM ANAND J	P	P	P	P	P	P
48	ANNAM RENITA A	P	P	P	P	P	P
49	HRUTHIK CHARAN	P	P	A	P	P	P
50	VELLAKARA PURUSHOTHAM DEEKSHITHA	P	P	P	P	P	P
51	DHEENA KVM	P	P	P	P	P	P
52	R.SIVAGAMA SUNDARI	P	P	P	P	P	P
53	SRAVYA NAMBURU	P	P	P	P	P	P
54	M. DHARSHINI PRIYA	P	P	P	P	P	P
55	V PRIYADHARSHINI	P	P	P	P	P	P
56	SAMSON REDDY GUNDAMPALLI JOSHITH SAI HANUMAN GOVIND	P	P	A	P	P	P
57	GOPISETTI GOVIND	P	P	P	P	P	P
58	DR.DELHI BABU R	P	P	P	P	P	P
59	CHARLES PREM ANAND J	P	P	P	P	P	P
60	MANOHARAN R	P	P	P	P	P	P
61	SRIKANTH R	P	P	P	A	P	P
62	RASHIKA R	P	P	P	P	P	P
63	KAMIDI HASWATH	P	P	P	P	P	P
64	NAVADEEP MEKALA	P	A	P	P	P	P
65	RANJITH PV	P	P	P	P	P	P
66	KAVIYA R	P	P	P	P	P	P
67	YERUKALA CHANDRASEKHAR	P	P	P	P	P	P
68	PRIYATHARSHANI B	P	P	P	P	P	P
69	RUBY SHALINI T	P	P	P	P	P	P
70	SIVA S	P	A	P	P	P	P
71	NIRMALRANI V	P	P	P	P	P	P
72	SAMINEPALLI SAI CHARAN	P	P	P	P	P	P
73	GOMATHI KUMAR	P	P	P	P	P	P
74	LOGESHWARAN YS	P	P	P	P	P	P
75	RAMANI PRIYA P	A	P	P	P	P	P
76	M.I.MARY METILDA	P	P	P	P	P	P
77	M VIDHYA	P	P	P	P	P	P
78	PRIYADHARSHINI E	P	P	P	P	P	P
79	GOMATHI KUMAR	P	P	P	P	P	P
80	ROHAN YELLAMILLI RAMA SATYA BHASKARA	P	P	P	P	P	P
81	THOTA DURGA NAGESH	P	P	P	P	P	P
82	BRAHMATEJA TIRUKKOVALLURI	P	P	P	P	P	P
83	GAJJELA SAI CHARAN	A	P	P	P	P	P
84	BALAGUNDLA SUDHEERKUMAR	P	P	P	P	P	P
85	C KAVITHIA	P	P	P	P	P	P
86	AJAY MUPPA	P	P	P	P	P	P

87	JANAKI RAMAYYA	P	P	P	P	P	P
88	PRIYA SHERLEY MULLER	P	P	P	P	P	P
89	R PARAMESHWARI	P	P	P	P	P	P
90	ABI SHAKTHI.S	P	P	P	P	P	P
91	FRAKLIN THAMILSELVI MS	P	P	P	P	P	P
92	SUJITH KUMAR THALLAM	P	P	P	P	P	P
93	RAVI TEJA VADLA	P	P	P	P	P	P
94	SHAMILY B	P	P	P	P	P	P
95	DEEPIKA SRI	P	P	A	P	P	P
96	SHANMUGAPRIYA J	P	P	P	P	P	P
97	PALERU VENKATESH	P	P	P	P	P	P
98	SANNEHRUTHIKA SHETTY	P	P	P	P	P	P
99	SHAIK FASIL	P	P	P	P	P	P
100	SHIVAANI RAMKUMAR	P	P	P	P	P	P
101	SHAILJA UPADHYAY	P	P	P	P	P	P
102	ARGHYADIP ROY	P	P	P	P	A	P
103	MUTHUMANIVANNAN J	P	P	P	P	P	P
104	SAMPATH REDDY	A	A	P	P	P	P
105	SAROPHIN NISHITHA	P	P	P	P	P	P
106	JAGADEESH MADHINENI	P	P	P	P	P	P
107	SHWETA KUMARI	P	P	P	P	P	P
108	MALIKAL MULKI	P	P	P	P	P	P
109	PRASHANTH KATHI	A	P	P	P	P	P
110	DR.GOWRI S	P	P	P	A	P	P
111	KETHAVARA PRIYATHAM SAI	P	P	P	P	P	A
112	ANJAN KUMAR	P	P	P	P	P	P

Dr. M. NIRMALA, M.Sc., M.Phil., Ph.D.,
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Dept. of Mathematics
Sathyabama Institute of Science and Technology
(Deemed to be University), Chennai-600 119.



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This is to certify that **Anjan Kumar** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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Organizing Secretary

Dr. M. Nirmala
Convener



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This is to certify that **Shanmugapriya J** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **Shaik Fasil** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **Pawan Kalyan** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **GAYATHRI DEVI D** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **MANISHA S** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **Divya Yadlapati** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **V.Sasi Kiran Reddy** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **Sundaram KT** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **M.Dharshini Priya** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **Ajay Muppa** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **R Parameswari** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **ABI SHAKTHI. S** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **Ravi teja Vadla** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **Deepika Sri K** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **PALERU VENKATESH** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **Shweta Kumari** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **Prashanth Kathishi** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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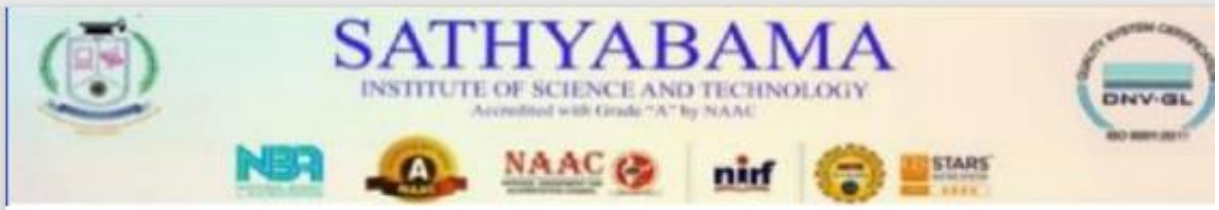


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This is to certify that **Prashanth Kathishi** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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This is to certify that **Sarophin Nishitha** has actively participated in the value added courses from 24-01-2022 to 29-01-2022 Organized by the Department of Mathematics , Sathyabama Institute of Science and Technology, Chennai

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On



Duration: 07.03.2022 to 24.05.2022

LaTeX is designed by mathematicians for producing beautifully typeset Mathematics.
LaTeX gives the user extremely good control over the formatting of documents.

Register Online at:
https://docs.google.com/forms/d/1eyWMkGnCHPx3AMroYm-WarFTVMI71PMbarGAja-AMMo/edit

Who Can attend: Students from all Engineering and Science department can attend

Registrations is free
E-Certificates will be given to participants

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Convener:
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Head, Department of Mathematics

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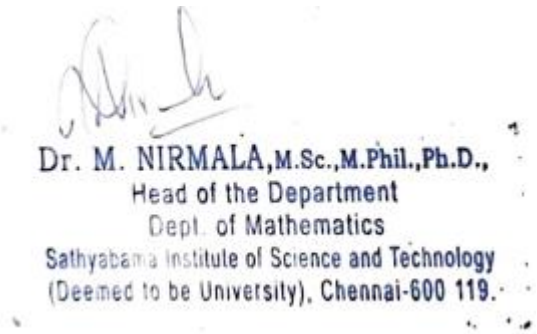
Reach us: prasannajeyanthi.maths@sathyabama.ac.in

Theory -0ne hour per week

Hands-on-Two hours per week

Course Content

S.No	Date	Topics Covered	Cumulative hrs
1	07.03.2022	Theory- Introduction to Latex	1
2	10.03.2022	Hands-on- Installation of Latex and Basic Latex commands	2,3
3	14.03.2022	Theory -Latex Compilation	4
4	17.03.2022	Hands-on - Page Layout	5,6
5	21.03.2022	Theory-Building a Latex document	7
6	24.03.2022	Previewing first.tex and Addition of some text in the.tex file	8,9
7	28.03.2022	Finding the error and fixing it	10
8	31.03.2022	Type setting of mathematics	11,12
9	04.04.2022	Writing equations and matrix	13
10	07.04.2022	Include images using graphic package	14,15
11	11.04.2022	A caption for plotting graph	16
12	14.04.2022	A centered graph with a caption	18,17
13	18.04.2022	Two figures next to each other	19
14	21.04.2022	Formation of table	20,21
15	25.04.2022	Cross references	22
16	28.04.2022	Citation	23,24
17	02.05.2022	Bibliography	25
18	05.05.2022	Typesetting with a new chapter heading	26,27
19	09.05.2022	List of figures and List of tables	28
20	12.05.2022	. Generating index and Printing the document	29,30



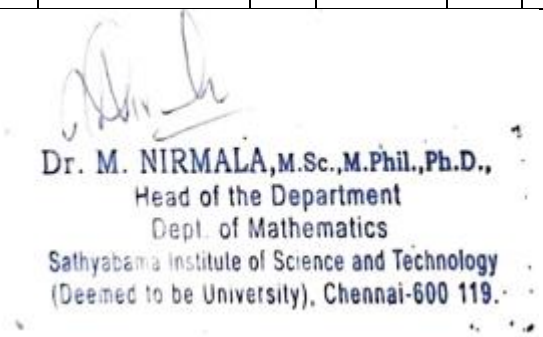
COURSE OUTCOMES:

After the successful completion of this course, the students shall be able to:

1. Typeset mathematics not only the equations and mathematical symbols but also does an exceptional job at handling visual components such as fonts, spacing, and line breaks.
2. Organize the document in a logical way, which often has the beneficial side effect of producing exposition that more organized, clearer, and more coherent.
3. Have a critical way of thinking to simplify the work through latex.
4. Typeset of journal articles, technical reports, thesis, books and presentations.
5. Analyse simple way to handle large documents containing multiple sections such as cross-references, tables, mathematical equations, footnotes and figures

Dr. M. NIRMALA, M.Sc., M.Phil., Ph.D.,
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VALUE ADDED COURSE ON LATEX – ATTENDANCE SHEET									
10 HOURS OF THEORY & 20 HOURS OF HANDS - ON SESSION									
		STUDENT'S NAME							
DAY	*DATE*	ANUSHYA	HEMAVARTHINI	RAJKUMAR	SARIKA	SARUMATHI	SOWNDHIRIYA.M	YUVARANI.P	PRATIKSHA SACHAN
1	07.03.2022	P	P	P	P	P	P	P	P
2	10.03.2022	P	P	P	P	P	P	P	P
3	14.03.2022	P	P	P	P	P	P	P	A
4	17.03.2022	P	P	P	P	P	P	P	P
5	21.03.2022	P	P	P	P	P	A	P	P
6	24.03.2022	P	P	P	P	P	P	P	P
7	28.03.2022	P	P	P	P	P	P	P	P
8	31.03.2022	P	P	P	A	P	P	P	P
9	04.04.2022	P	P	P	P	P	P	P	P
10	07.04.2022	P	A	P	P	P	P	P	P
11	11.04.2022	P	P	P	P	P	P	A	P
12	14.04.2022	P	P	P	P	P	P	P	P
13	18.04.2022	P	P	P	P	P	P	P	P
14	21.04.2022	P	P	P	P	P	P	P	P
15	25.04.2022	P	P	P	A	A	P	P	P
16	28.04.2022	P	P	P	P	P	P	P	P
17	02.05.2022	P	P	P	P	P	P	P	P
18	05.05.2022	A	P	P	P	P	P	P	P
19	09.05.2022	P	P	P	P	P	P	P	P
20	12.05.2022	P	P	P	P	P	A	P	P



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School of Science and Humanities
Department of Mathematics

Certificate of Participation Presented to

Sarika G

of first year (2021-2023) M.Sc. (Mathematics) fro successfully completing the course **Latex** Organized by the Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai from March 2022 to May 2022.

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Organizing Secretary

Dr. M. Nirmala
Convener

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Department of Mathematics

Certificate of Participation Presented to

Anushya A

of first year (2021-2023) M.Sc. (Mathematics) fro successfully completing the course **Latex** Organized by the Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai from March 2022 to May 2022.

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SCHOOL OF BUILDING AND ENVIRONMENT

DEPARTMENT OF CIVIL ENGINEERING

Organizing a Six days Live Webinar class

Google SketchUp

3 D MODELLING USING GOOGLE SKETCHUP

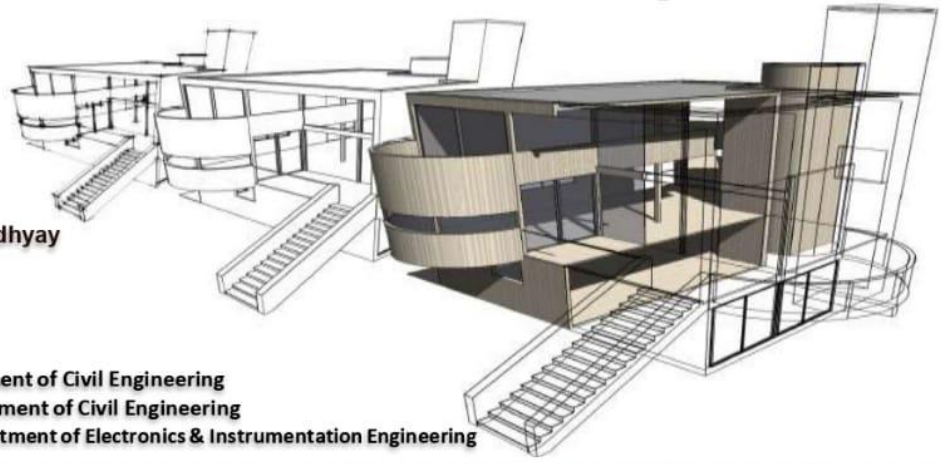


From June 15th To 20th, 2020

Scheduled Time : 11:00 a.m to 12:30 p.m



Mr. R. UDHAYASANKAR
Civil Structural Consultant and Software expert



Organizers:

Dr. Devyani Gangopadhyay
Dr. R. Padmapriya
Dr. S. Packialakshmi

Coordinators:

Mrs. M. Praba Department of Civil Engineering
Mrs. S. Vanitha Department of Civil Engineering
Dr. R. Ramadevi Department of Electronics & Instrumentation Engineering

For registration kindly submit Google form through this link given below – https://forms.gle/fXYgSa3WTXuQNmfT9

Participants from all sectors are invited for registration at no cost

Zoom link will be sent to your registered Email ID
E-Certificate will be provided through mail

For further details kindly contact: Mrs. M. Praba / Assistant Professor – 9940780448 & Mrs. S. Vanitha / Assistant Professor – 9789890032



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COURSE CONTENT – GOOGLE SKETCHUP

S.No	Date	Name of the Expert & Affiliation	Topic	Contents
1	15.06.20	Er.R.Udhyasankar Software Trainer	Training program on Sketchup building software's.	Application of the software and tools
2	16.06.20			Exploring and learning of Tools and techniques of software
3	17.06.20			Working with software with case studies
4	18.06.20			Creating 3D model of building- Exercise
5	19.06.20			Saving and reopening the model, Backing up a sketchup file and restoring the recovered file
6	20.06.20			Practice Session on Creation of New Project

COURSE OUTCOME:

- The Training program on Google Sketchup building software's delivers the exposure on Sketchup software.
- It stretches the knowledge on wide range of 3D modeling projects like architectural, interior design, landscape architecture etc.

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ATTENDENCE SHEET

Name of the course: Google Sketchup

Date: 15.06.2020 to 20.06.2020

S.NO	REG NO	NAME OF THE STUDENT	15/06	16/06	17/06	18/06	19/06	20/06
1	39200001	ABISHEK. D	P	P	P	P	P	P
2	39200003	AJAY KUMAR.S	P	P	P	P	P	P
3	39200005	AMARJEET YADAV	P	P	P	P	P	P
4	39200006	ANANDHAKRISHNAN. A	P	P	P	P	P	P
5	39200007	AVVARU MEGHANATH	P	P	P	P	P	P
6	39200009	CHENTHIL SUNDARAM. P	P	P	P	P	P	P
7	39200010	CHINNI TARUN KUMAR	P	P	P	P	P	P
8	39200012	DEEPRAJ ROYCHOUDHURY	P	A	P	P	P	P
9	39200013	DINESH KUMAR. M	P	P	P	P	P	P
10	39200015	DRAVID KHANNAA. M	P	P	P	P	P	P
11	39200016	GOLI ADITHYA	P	P	P	P	P	P
12	39200017	GOVARTHINI. K	P	P	P	P	P	P
13	39200019	IMMANUEL. J	P	P	A	P	P	P
14	39200020	JAVVADI DEVI VARA PRASAD	P	P	P	P	P	P
15	39200021	JOE PRAKASH. L	P	P	P	P	P	P
16	39200022	MILTON. J	P	P	P	P	P	P
17	39200023	MOHAMMED RIYAZ. A	P	P	P	P	P	P
18	39200024	MULLU JAYA PRAKASH	P	P	P	P	P	P
19	39200025	NAVEEN KUMAR. V	P	P	P	P	P	P
20	39200026	NAVEEN SANTHANA RAJ. J	P	P	P	P	P	P
21	39200027	NIKHIL KUMAR SINGH	P	P	P	P	P	P

22	38200018	KUMARASKANDHA J	P	P	P	P	P	P
23	38200040	VIKRANT MISHRA	P	P	P	P	P	P
24	38200703	RITESH BANDARI	P	P	P	P	P	P
25	38200038	TATHIREDDY SAIVIKASREDDY	P	P	P	A	P	P
26	38200901	SRI VISHAL	P	P	P	P	P	P
27	38200002	ABISHEAAK MADHAVAN K	P	P	P	P	P	P
28	38200004	AKASH V R	P	P	P	P	P	P
29	38200030	SANTHOSH KUMAR V	P	P	P	P	P	P
30	38200023	PATAMSETTY DURGA PRASAD	P	P	P	P	A	P
31	38200014	JOSHUA SAM JOSEPH S	P	P	P	P	P	P
32	38200031	SARAVANAKUMAR R	P	P	P	P	P	P
33	38200011	HARIHARAN N	P	P	P	P	P	P
34	38200015	KAILASH K	P	P	P	P	P	P
35	38200022	PALAGIRI LEELA V DURGAAVINASH	P	P	P	P	P	P
36	38200037	TEJOVANTHREDDY SATAPALLI	P	P	P	P	P	P
37	38200006	G CHARLES	P	P	P	P	P	P
38	37200077	YADARI CHARAN RAM	P	P	P	P	P	P
39	37200012	BADUGU SHASHIDHAR	P	P	P	P	P	A
40	37200009	ASHWIN KRISHNA G C	P	P	P	P	P	P

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CHENNAI - 600 119

Course Coordinators

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

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www.sathyabama.ac.in

Certificate of Participation

This is to certify that **Dr./Mr./Ms. ABISHEK. D** from **II YEAR CIVIL** has participated in Webinar class on **"3D Modelling using Google Sketchup"** Organized by Dept. Of Civil Engineering, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu, during **15th June to 20th June 2020**.

Dr. R.Padmapriya	**Dr. S. Packialakshmi**	**Dr. Devyani Gangopadhyay**
(Co-ordinator - Civil)	***(HOD - Civil)***	***(Dean - Building and Environment)***

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Dr. S. Packialakshmi
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(Co-ordinator - Civil)	***(HOD - Civil)***	***(Dean - Building and Environment)***

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Dr. R.Padmapriya	**Dr. S. Packialakshmi**	**Dr. Devyani Gangopadhyay**
(Co-ordinator - Civil)	***(HOD - Civil)***	***(Dean - Building and Environment)***

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This is to certify that **Dr./Mr./Ms. AKASH V R** from **III YEAR CIVIL** has participated in Webinar class on **"3D Modelling using Google Sketchup"** Organized by Dept. Of Civil Engineering, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu, during **15th June to 20th June 2020**.

Dr. R.Padmapriya	**Dr. S. Packialakshmi**	**Dr. Devyani Gangopadhyay**
(Co-ordinator - Civil)	***(HOD - Civil)***	***(Dean - Building and Environment)***

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This is to certify that **Dr./Mr./Ms. PATAMSETTY DURGA PRASAD** from **III YEAR CIVIL** has participated in Webinar class on **"3D Modelling using Google Sketchup"** Organized by Dept. Of Civil Engineering, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu, during **15th June to 20th June 2020**.

Dr. R.Padmapriya	**Dr. S. Packialakshmi**	**Dr. Devyani Gangopadhyay**
(Co-ordinator - Civil)	***(HOD - Civil)***	***(Dean - Building and Environment)***

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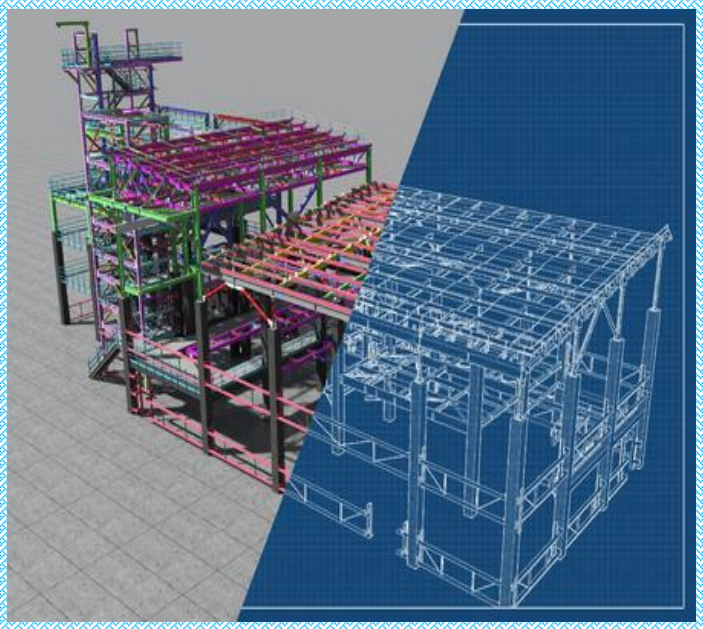
ISO 9001:2015

School of Building and Environment

Department of Civil Engineering

FIVE DAYS WORKSHOP ON

STRUCTURAL DESIGN TRAINING



By

MR. AUGUSTIN ABRAHAM
Managing Director
SPACE CADD
Designers and Constructions

Starts on :13.09.2020 to 17.09.2020

CHIEF PATRONS

Dr. MARIAZEENA JOHNSON
Chancellor

Dr. MARIE JOHNSON
President

Organizers

Dr. Packialakshmi
Dr,Padmapriya
Mrs.R.Nirmala
Mrs.B.Priyadharshini

Advisors

Dr. T.Sasipraba,Vice-Chancellor
Dr. E.Logashanmugam, Pro Vice Chancellor
Dr.S.S.Rao, Registrar

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SCHOOL OF BUILDING AND ENVIRONMENT

DEPARTMENT OF CIVIL ENGINEERING

COURSE CONTENT – STRUCTURAL DESIGN TRAINING

S.No	Date	Name of the Expert & Affiliation	Topic	Contents
1	13.09.2020	Er.Augustine Abraham (Managing Director-SPACE CADD)	Structural Design Training program on building software's.	• Introduction to ETABS • Software used in Building Design • Software Installation - ETABS • Grid creation and story editing • Define materials
2	14.09.2020			Basic Operations • Define sections • Draw models • Assigning section properties • Loads and load combinations • Edit properties

3	15.09.2020			Working with Steel members • Modeling of G+4 steel building • Analysis of G+4 steel building • Design of G+4 steel building
4	16.09.2020			Flat slab • Defining Seismic Loads on Building • Modeling of a building with flat slab
5	17.09.2020			Working with composite members • Creating composite column • Analysis and design of composite members

COURSE OUTCOMES:

The Structural Design Training program on building software's. provides the practical exposure on

- recent and advanced building modelling softwares,
- its working procedure and
- applications etc.

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LIST OF STUDENTS ENROLLED AND COMPLETED THE VALUE ADDED COURSE

Name of the course: Structural Design Training

Date: 13.09.2020 to 17.09.2020

S.NO	REG NO	NAME OF THE STUDENT	13/9/20	14/9/20	15/9/20	16/9/20	17/9/20
1	37200022	GADIREDDY YASWANTH NAIDU	P	P	P	P	P
2	37200025	HARIKRISHNAN S	P	P	P	P	P
3	37200026	J.JESTALT SRISANTH	P	P	P	P	P
4	37200028	JOSEPH JESKIN	P	P	P	P	P
5	37200037	MANITHENA ROHITH VARMA	P	P	P	P	P
6	37200038	MARIA BEVEN	P	P	P	P	P
7	37200040	MELBIN ROBIN	P	P	P	P	P
8	37200045	N. K. ARIF AMEENI	P	P	P	P	P
9	37200046	NARESH KUMAR D	P	P	P	P	P
10	37200048	NITHISH S	P	P	P	P	P
11	37200049	NITHISH	P	P	P	P	P
12	37200058	RAMKUMAR K	P	P	P	P	P
13	37200063	ROHIT R	P	P	P	P	P
14	37200065	SAMSYRUS	P	P	P	P	P
15	37200067	S. S. S. KOUSHIK	P	P	P	P	P
16	37200070	SHRIMATHY S	P	P	P	P	P
17	37200071	SIVA SURYA P.A	P	P	P	P	P
18	37200074	VELPANDIAN M	P	P	A	P	P
19	37200078	R.ARUNKUMAR	P	P	P	P	P

20	37200703	RA.M.MUKARJEE	P	P	P	P	P
21	37200901	ASHOK K	P	P	P	P	P
22	37200902	JEEVANANDHAM	P	P	P	P	P
23	37200951	HARISHVARKALA	P	P	P	P	P
24	38200006	G CHARLES	P	P	P	P	P
25	38200007	DEEPA M	P	P	P	P	P
26	38200009	GAIKADI VISHNU SAI	P	P	P	P	P
27	38200012	JANAHAN K	P	P	P	P	P
28	38200017	KOTHARU NITHIN SIVA	P	P	P	P	P
29	38200019	MEENASHI V	P	P	P	P	P
30	38200020	NALLABOTHUALJEEVANKUMAR	P	P	P	P	P
31	38200021	NAVEEN KUMAR G	P	P	P	P	P
32	38200024	PERIANNAN K	P	P	P	P	P
33	38200025	PONGANESH SP	P	P	P	P	P
34	38200028	RAAMNATH VS	P	P	P	P	P
35	38200029	SANJAY	P	P	P	P	P
36	38200033	SUHI CHELSEA C P	P	P	P	P	P
37	38200034	SUMI NADIA C P	P	P	P	P	P
38	38200035	SWAGATAM BARDHAN	P	P	P	P	P
39	38200036	TAMILARASAN S	P	P	P	P	P
40	38200039	VIBHISHAN GOTURU	P	P	P	P	P
41	38200041	BALAMURUGAN S	P	P	P	P	P
42	38200042	R NARESH	P	P	P	P	P
43	38200701	ALEBERT JAMES PELLES	P	P	P	P	P
44	38200702	RACHITA NATH	P	P	P	P	P
45	38200704	NIKITA BHOWMIK	P	P	P	P	P

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Course Coordinators

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Certificate of Participation

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Dr. R.Padmapriya	**Dr. S. Packialakshmi**	**Dr. Devyani Gangopadhyay**
(Co-ordinator - Civil)	***(HOD - Civil)***	***(Dean - Building and Environment)***

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Dr. Devyani Gangopadhyay
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Dr. S. Packialakshmi
(HOD - Civil)

Dr. Devyani Gangopadhyay
(Dean - Building and Environment)

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Dr. R.Padmapriya	**Dr. S. Packialakshmi**	**Dr. Devyani Gangopadhyay**
(Co-ordinator - Civil)	***(HOD - Civil)***	***(Dean - Building and Environment)***

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School of Building and Environment

Department of Civil Engineering

FIVE DAYS VALUE ADDED COURSE ON

RESOURCE PLANNING IN CONSTRUCTION



Resource Person

Mr.BASHYAM
Managing Director,
Primentus

Date : 15.02.2021 to 19.02.021

CHIEF PATRONS

Dr. MARIAZEENA JOHNSON
Chancellor

Dr. MARIE JOHNSON
President

Ms. MARIA BERNADETTE TAMILARASI JOHNSON
Vice - President

Organizers

Dr. Packialakshmi
Dr,Padmapriya
Mrs.R.Nirmala
Mrs.B.Priyadharshini

Advisors

Dr. T.Sasipraba,Vice-Chancellor
Dr. E.Logashanmugam, Pro Vice Chancellor
Dr.S.S.Rao, Registrar

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SCHOOL OF BUILDING AND ENVIRONMENT

DEPARTMENT OF CIVIL ENGINEERING

COURSE CONTENT – RESOURCE PLANNING IN CONSTRUCTION

S.No	Date	Name of the Expert & Affiliation	Topic	Contents
1	15.02.2021	Mr.Bashyam (Managing Director-Primentus)	Resource planning in construction.	• Fast Track construction. • Resource Management in Construction Projects - a case study
2	16.02.2021			• Resource Planning and Allocation • Resource Levelling
3	17.02.2021			• ABC Analysis in construction project
4	18.02.2021			• Enterprise Resource Planning
5	19.02.2021			• Maximising Profits in construction • Minimising time in construction

COURSE OUTCOMES:

The training programme on Resource planning in construction provides the deep insight on;

- resource management
- planning and allocation
- techniques on maximizing benefits and minimizing cost
- fast track construction etc.

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DEPARTMENT OF CIVIL ENGINEERING

ATTENDENCE LIST

Name of the course: Resource Planning in Construction

Date: 15.02.2021 to 19.02.2021

S.NO	REG NO	NAME OF THE STUDENT	15.02.21	16.02.21	17.02.21	18.02.21	19.02.21
1	37200004	AMRUTHA SHESHADRI	P	P	P	P	P
2	37200005	ANANTH P	P	P	P	P	P
3	37200007	ARUN A	P	P	P	P	P
4	37200012	BADUGU SHASHIDHAR	P	P	P	P	P
5	37200013	BERSIL TONY	P	P	P	P	P
6	37200015	S CHIDHAMBARAM	P	P	P	P	P
7	37200016	CIBIRAM T S	P	P	P	P	P
8	37200017	D SAI PRANAY	P	P	P	P	P
9	37200020	DINESH KUMAR D	P	P	P	P	P
10	37200021	GADDE CHAMUNDESWARI DEVI	P	P	P	P	P
11	37200029	S.KALIDASAN	P	P	P	P	P
12	37200031	M.KANNAN	P	P	P	P	P
13	37200032	KAVIMOZHI R	P	P	P	P	P
14	37200033	KOWSHIKA K	P	P	P	P	P
15	37200034	J.LIJIN JOHN	P	P	P	P	P
16	37200035	V.LOKESH	P	P	P	P	P
17	37200036	LOKESHWAR.C.J	P	P	P	P	P
18	37200041	MENAKASWAMY M	P	P	P	P	P
19	37200042	MOGILI AKHIL	P	P	P	P	P
20	37200043	MOHAMMED ASIM.L	P	P	P	P	P

21	37200053	PRABHAKARAN M	P	P	P	P	P
22	37200054	PRAGADHEESHWARAN	P	P	P	P	P
23	37200055	PRAVEEN KUMAR A	P	P	P	P	P
24	37200056	PREETHI SALOMI J	P	P	P	P	P
25	37200059	C RATHIKA	P	P	P	P	P
26	37200060	R.RISHI KUMAR	P	P	P	A	P
27	37200064	SAKTHIMARI S	P	P	P	P	P
28	37200068	SHAFIQ M H	P	P	P	P	P
29	37200075	S.VENGADANATHAN SANKAR	P	P	P	P	P
30	37200076	VENGATESH T	P	P	P	P	P
31	37200077	YADARI CHARAN RAM	P	P	P	P	P
32	37200701	SHANMUGASUNDARAM M	P	P	P	P	P
33	37200704	S.GOKUL NATH	P	P	P	P	P
34	37200903	JUDIS RAJ SM	P	P	P	P	P
35	37200904	KARTHICK VISHWA	P	P	P	P	P
36	37200905	KUMARAN K	P	P	P	P	P
37	37200906	REVANTH C J	P	P	P	P	P
38	37200907	SANATHRAJ S	P	P	P	P	P
39	37200908	SHABARISH	P	P	P	P	P
40	37200910	GUGANATHAN A	P	P	P	A	P

H.O.D / CIVIL

HEAD OF THE DEPARTMENT
DEPARTMENT OF CIVIL ENGINEERING
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
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JEPPIAAR NAGAR RAJIV GANDHI SALAI
CHENNAI - 600 119

Course Coordinators

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

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Certificate of Participation

This is to certify that **Dr./Mr./Ms. PRABHAKARAN M** from **IV YEAR CIVIL** has participated in Value Added Course on **"Resource Planning in Construction"** Organized by Dept. Of Civil Engineering, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu in Association with Bashyam Constructions during **15th February to 19th February 2021**.

Dr. R.Padmapriya	**Dr. S. Packialakshmi**	**Dr. Devyani Gangopadhyay**
(Co-ordinator - Civil)	***(HOD - Civil)***	***(Dean - Building and Environment)***

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This is to certify that **Dr./Mr./Ms. BERSIL TONY** from **IV YEAR CIVIL** has participated in Value Added Course on **"Resource Planning in Construction"** Organized by Dept. Of Civil Engineering, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu in Association with Bashyam Constructions during **15th February to 19th February 2021**.

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This is to certify that **Dr./Mr./Ms. GADDE CHAMUNDESWARI DEVI** from **IV YEAR CIVIL** has participated in Value Added Course on **"Resource Planning in Construction"** Organized by Dept. Of Civil Engineering, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu in Association with Bashyam Constructions during **15th February to 19th February 2021**.

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(Co-ordinator - Civil)

Dr. S. Packialakshmi
(HOD - Civil)

Dr. Devyani Gangopadhyay
(Dean - Building and Environment)

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(Co-ordinator - Civil)	***(HOD - Civil)***	***(Dean - Building and Environment)***

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This is to certify that **Dr./Mr./Ms. REVANTH C J** from **IV YEAR CIVIL** has participated in Value Added Course on **"Resource Planning in Construction"** Organized by Dept. Of Civil Engineering, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu in Association with Bashyam Constructions during **15th February to 19th February 2021**.

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This is to certify that **Dr./Mr./Ms. GUGANATHAN A** from **IV YEAR CIVIL** has participated in Value Added Course on **"Resource Planning in Construction"** Organized by Dept. Of Civil Engineering, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu in Association with Bashyam Constructions during **15th February to 19th February 2021**.

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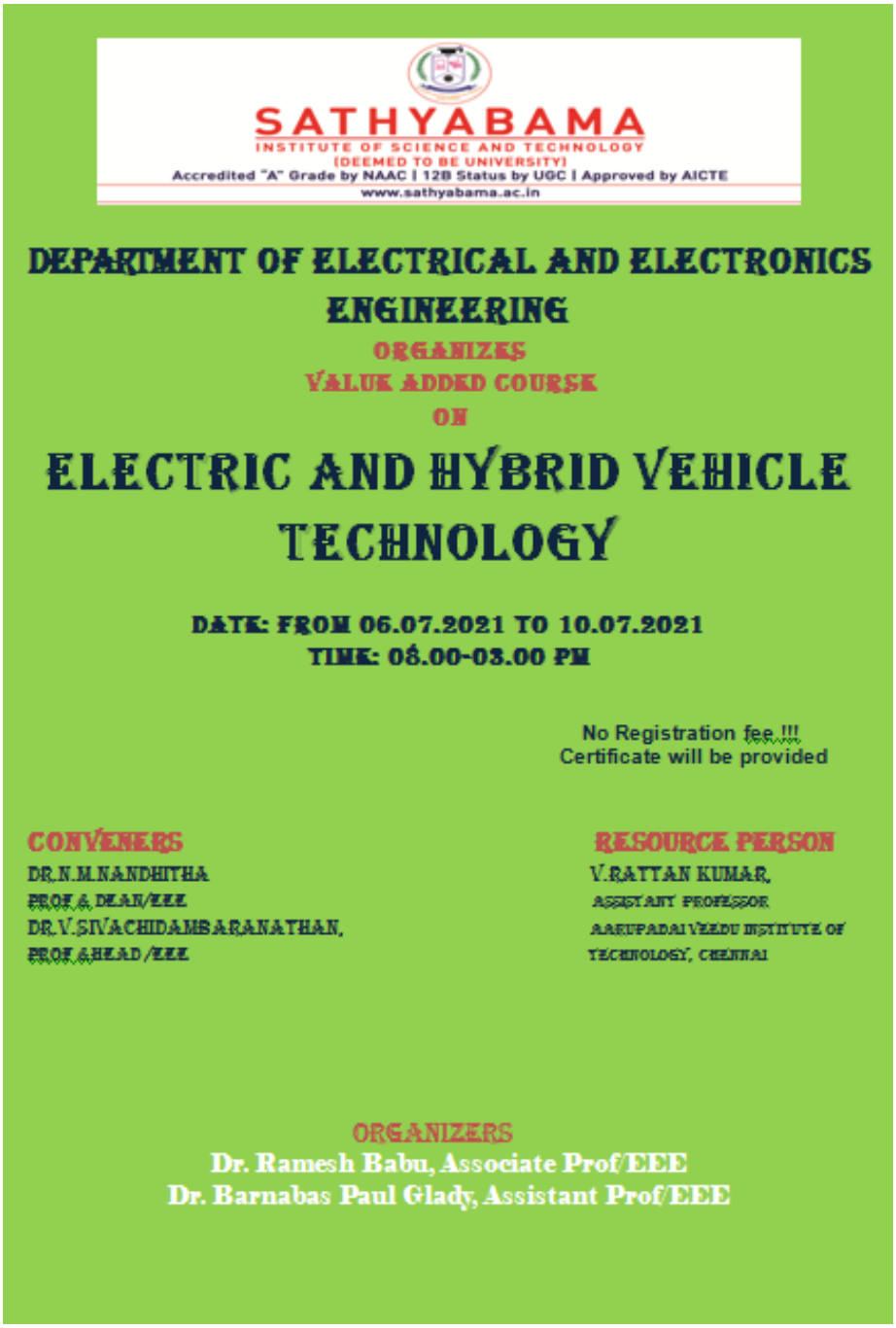
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Department of Electrical and Electronics Engineering

Value Added Courses (2021-2022)

- Electric and Hybrid Vehicle Technology
- Hands On Training in Arduino Interface Using Tinkercad and Proteus for Real Time Applications
- Design of Solar Photovoltaic System
- Factory Automation using PLC
- Python Boot Camp

Course: Electric and Hybrid Vehicle Technology



Schedule for the Course: Electric and Hybrid Vehicle Technology

Date	Time	Name of the Expert & Affiliation	Topic	
06.07.21	8.00 AM - 12.00 PM 1.00 PM – 3.00 PM	V.Rattan Kumar, Assistant Professor(Gr-II) Aarupadai Veedu Institute of Technology, Chennai	Electric and Hybrid Vehicle Technology	Improving Electric Vehicle Performance Using Photovoltaic Cells
07.07.21				Challenges and Opportunities for Electric Vehicle Adoption
08.07.21				Charging Technologies For Commercial Electric Vehicles
09.07.21				Battery management system
10.07.21				Smart charging of electric vehicles

Course Outcomes for the Course: Electric and Hybrid Vehicle Technology

CO1: Inspect the performance of Electric Vehicle using photovoltaic cells.

CO2: Demonstrate the challenges and opportunities for the adoption of electric vehicle.

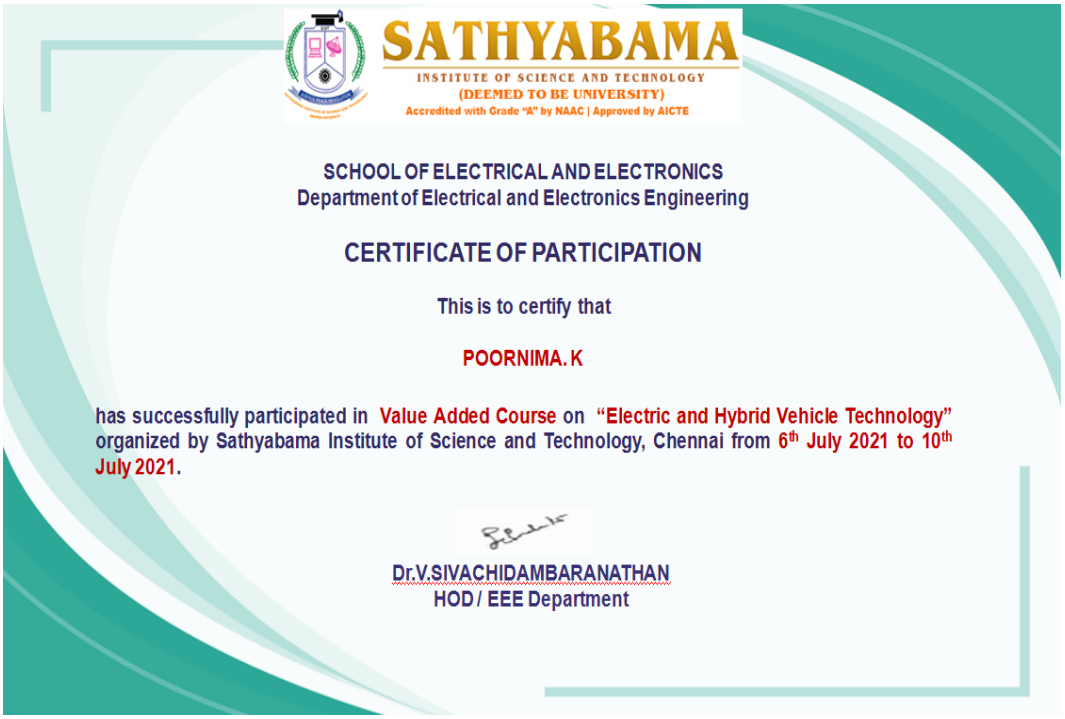
CO3: Identify the charging technologies for commercial electric vehicles.

CO4: Demonstrate the purpose of Battery management system.

CO5: Analyze the factors monitored and controlled by battery management systems.

CO6: Analyze how electric vehicles intelligently charges by connecting it to the grid.

Course Certificate: Electric and Hybrid Vehicle Technology



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SCHOOL OF ELECTRICAL AND ELECTRONICS
Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

POORNIMA. K

has successfully participated in Value Added Course on "Electric and Hybrid Vehicle Technology" organized by Sathyabama Institute of Science and Technology, Chennai from 6th July 2021 to 10th July 2021.

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department



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KISHORE. B

has successfully participated in Value Added Course on "Electric and Hybrid Vehicle Technology" organized by Sathyabama Institute of Science and Technology, Chennai from 6th July 2021 to 10th July 2021.

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KOWSALYA. S

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LINGADHARAN. B

has successfully participated in Value Added Course on "Electric and Hybrid Vehicle Technology" organized by Sathyabama Institute of Science and Technology, Chennai from 6th July 2021 to 10th July 2021.

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LOGESH. C

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PRABAVATHI. B

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HOD / EEE Department

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Department of Electrical and Electronics Engineering

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This is to certify that

PULI PRIYANKA

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RENGANAYAGI. P

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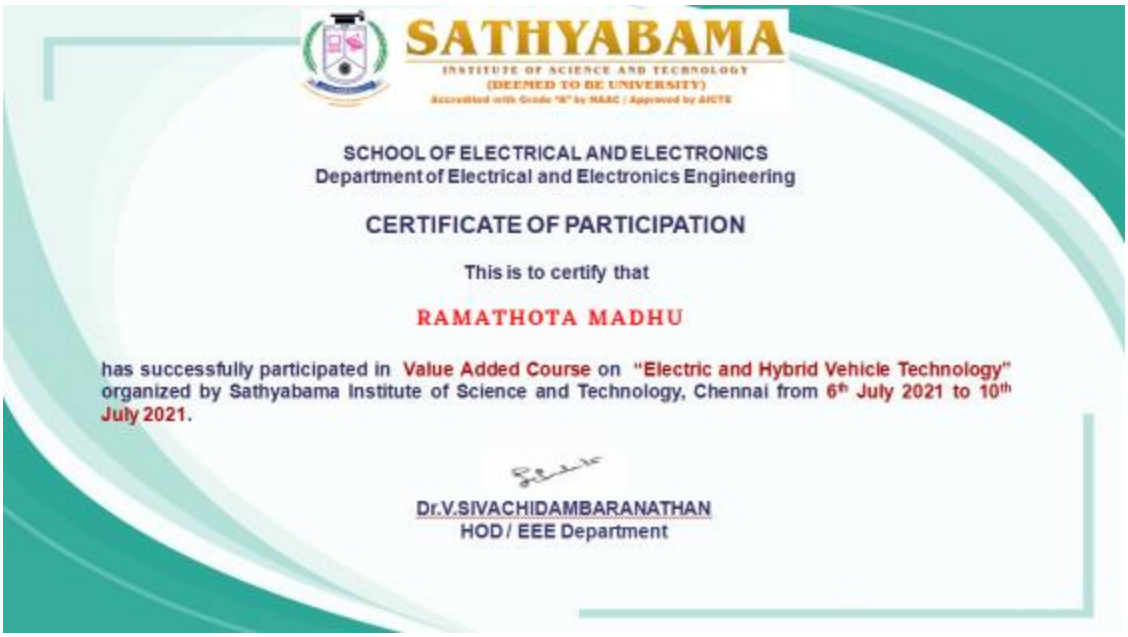
CERTIFICATE OF PARTICIPATION

This is to certify that

ROJA. S

has successfully participated in Value Added Course on "Electric and Hybrid Vehicle Technology" organized by Sathyabama Institute of Science and Technology, Chennai from 6th July 2021 to 10th July 2021.

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department



Participants List: Electric and Hybrid Vehicle Technology

S.No	Roll No.	Name of the Student	Batch/Year	06.07.21	07.07.21	08.07.21	09.07.21	10.07.21
1.	40140019	KISHORE. B	2020-2024/II Year	A	P	P	P	P
2.	40140020	KOWSALYA. S	2020-2024/II Year	P	P	P	P	P
3.	40140021	LINGADHARAN. B	2020-2024/II Year	P	P	P	P	P
4.	40140022	LOGESH. C	2020-2024/II Year	P	P	P	P	P
5.	40140023	MALATHI. C	2020-2024/II Year	P	P	P	P	P
6.	40140024	MOSES RAJ. P	2020-2024/II Year	P	P	P	P	P
7.	40140025	POORNIMA. K	2020-2024/II Year	P	P	P	P	P
8.	40140026	PRABAVATHI. B	2020-2024/II Year	P	P	P	P	P
9.	40140027	PULI PRIYANKA	2020-2024/II Year	P	P	P	P	P
10.	40140028	RENGANAYAGI. P	2020-2024/II Year	P	P	P	P	P
11.	40140029	ROJA. S	2020-2024/II Year	P	P	P	P	P
12.	40140030	S. RAKESH	2020-2024/II Year	P	P	P	P	P
13.	38140043	RAMATHOTA MADHU	2018-2022/IV Year	P	P	A	P	P
14.	38140044	RAMYA. B	2018-2022/IV Year	P	P	P	P	P
15.	38140045	RAMYA. R	2018-2022/IV Year	P	P	P	P	P
16.	38140046	RANJANA. B	2018-2022/IV Year	P	P	P	P	P
17.	38140047	RISHWANA. S	2018-2022/IV Year	P	P	P	P	P
18.	38140048	SATHISH KUMAR. C	2018-2022/IV Year	P	P	P	P	P
19.	38140049	SAYANTAN DEY	2018-2022/IV Year	P	P	P	P	P
20.	38140050	SIVARATRI MAHESH	2018-2022/IV Year	P	A	P	P	P
21.	38140051	SUBHASHINI. A	2018-2022/IV Year	P	P	P	P	P
22.	38140052	SUDHARSAN. K	2018-2022/IV Year	P	P	P	P	P
23.	38140053	SURESH. A	2018-2022/IV Year	P	P	P	P	P

24.	38140054	SURYA. B	2018-2022/IV Year	A	P	P	P	P
25.	38140055	SWEATHA. S	2018-2022/IV Year	P	P	P	P	P
26.	38140056	SWETHA S	2018-2022/IV Year	P	P	P	P	P
27.	38140057	TAMILSELVAN A	2018-2022/IV Year	P	P	P	P	P
28.	38140058	TELFERD JUDE NICHOLAS HAWES	2018-2022/IV Year	P	P	P	P	P
29.	38140059	TELU PALLAVISRI	2018-2022/IV Year	P	P	P	P	P
30.	38140060	VAISHNAVI. R	2018-2022/IV Year	P	P	P	P	P
31.	38140061	VELMURUGAN. R	2018-2022/IV Year	P	P	P	P	P
32.	38140062	VENKATESAPERU MAL. B	2018-2022/IV Year	P	P	P	A	P
33.	38140063	VIJO. V	2018-2022/IV Year	P	P	P	P	P
34.	38140064	YANNAM SATYANARAYANA REDDY	2018-2022/IV Year	P	P	P	P	P
35.	38140701	ARUN. S	2018-2022/IV Year	P	P	P	P	P
36.	38140702	JAYA BHARATH REDDY. D	2018-2022/IV Year	P	P	A	P	P
37.	38140703	KARRI LALITHA LAHARI	2018-2022/IV Year	P	P	P	P	P
38.	38140704	PADIGAPATI NAVEEN REDDY	2018-2022/IV Year	P	P	P	P	P
39.	38140705	YEADDANDI VENU GOPAL REDDY	2018-2022/IV Year	P	P	P	P	P
40.	38140043	RAMATHOTA MADHU	2018-2022/IV Year	P	P	P	P	P
41.	38140044	RAMYA. B	2018-2022/IV Year	P	P	P	P	P
42.	38140045	RAMYA. R	2018-2022/IV Year	P	P	P	P	P
43.	39140049	SARAN. P	2019-2023/III Year	P	A	P	P	P
44.	39140050	SHANTANU KUMAR	2019-2023/III Year	P	P	P	P	P
45.	39140051	SHREYANSH SINGH	2019-2023/III Year	P	P	P	P	P
46.	39140052	SINDHU. V	2019-2023/III Year	P	P	P	P	P
47.	39140053	SNEHA. D	2019-2023/III Year	A	P	P	P	P
48.	39140054	SNOWSHA. J	2019-2023/III Year	P	P	P	P	P
49.	39140055	SRIDHAR. P	2019-2023/III Year	P	P	P	P	P
50.	39140056	SRINATH. G	2019-2023/III Year	P	P	P	P	P
51.	39140057	STEPHIN MAJU. M	2019-2023/III Year	P	P	P	P	P
52.	39140058	SUJOY HALDER	2019-2023/III	P	P	P	A	P

			Year					
53.	39140059	SUNEEL	2019-2023/III Year	P	P	P	P	A
54.	39140060	SURYA. V	2019-2023/III Year	P	P	P	P	P
55.	39140061	THARINI. N. P	2019-2023/III Year	P	P	P	P	P
56.	39140062	VENKATA SAI VASHISTA. V	2019-2023/III Year	P	A	P	P	P
57.	39140063	VIJAYA RAAGHAVAN. S	2019-2023/III Year	P	P	P	P	P
58.	39140701	ADUPA VIGNESH	2019-2023/III Year	P	P	P	P	P
59.	39140702	CHILUKURI VENKAT	2019-2023/III Year	P	P	P	P	P
60.	39140703	S. HRITHIK	2019-2023/III Year	P	P	P	P	P
61.	39140704	M SHIVA	2019-2023/III Year	P	P	P	P	P
62.	39140705	MUAZIM AYAS. T.A	2019-2023/III Year	P	P	P	A	P
63.	39140706	ARUN KUMAR. P.B	2019-2023/III Year	P	P	P	P	P
64.	39140707	UDAYA CHANDRAN. R	2019-2023/III Year	A	P	P	P	P



Course: Electric and Hybrid Vehicle Technology

Course: Hands on Training in Arduino Interface using Tinkercad and Proteus for Real Time Applications



Schedule for the course: Hands on Training in Arduino Interface using Tinkercad and Proteus for Real Time Applications

Date	Time	Name of the Expert & Affiliation	Topic	Contents
23.08.21	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Dr.D.Susitra	Introduction to Arduino	Overview of Arduino - Arduino Pin Diagram -Electronic components and connections- Arduino with LED
24.08.21		Dr.M. Pushpavalli	Introduction to Arduino	Programming using Arduino- - Control Statement- Operators- Built in Functions
25.08.21		Dr. M. Kavitha	Introduction to Arduino	Arduino components and IDE-Arduino with Tricolor LED and Push button
26.08.21		Dr.S.Jayaprakash	Introduction to Arduino	Display counter using Arduino -Seven Segment Display
27.08.21		Dr.V.Meenakshi	Sensors	Pulse Width Modulation –DC motor, LED
31.08.21		Dr.S.Radhika	Sensors	Obstacle Detection (IR sensor)
02.09.21		Dr.P. Sivagami	Application of Arduino	Covid 19 Human Detection (PIR motion Sensor) -
03.09.21		Dr. M. Kavitha	Application of Arduino	Gas Leakage Detection (Gas sensor)-
06.09.21		Dr. C. Bhuvaneshwari	Application of Arduino	Wireless Connectivity to Arduino
07.09.21		Dr. M. Kavitha, Dr.M. Pushpavalli,	Application of	Automated Car Parking

		Dr.P. Sivagami, Dr. C. Bhuvaneshwari, Dr. W.Abitha Memala, Dr.S.Radhika, Dr.S.Jayaprakash ,Dr.D.Susitra, Dr.V.Meenakshi	Arduino	(ultrasonic sensor)
08.09.21		Dr. M. Kavitha, Dr.M. Pushpavalli, Dr.P. Sivagami, Dr. C. Bhuvaneshwari, Dr. W.Abitha Memala, Dr.S.Radhika, Dr.S.Jayaprakash ,Dr.D.Susitra, Dr.V.Meenakshi	Application of Arduino	Home Automation Using Tinkercard
09.09.21		Dr. M. Kavitha, Dr.M. Pushpavalli, Dr.P. Sivagami, Dr. C. Bhuvaneshwari, Dr. W.Abitha Memala, Dr.S.Radhika, Dr.S.Jayaprakash ,Dr.D.Susitra, Dr.V.Meenakshi	Introduction to Proteus 8 & Capabilities	Installation- Library and Components- Project Creation- Execution and Schematic Download
14.09.21		Dr. M. Kavitha, Dr.M. Pushpavalli, Dr.P. Sivagami, Dr. C. Bhuvaneshwari, Dr. W.Abitha Memala, Dr.S.Radhika, Dr.S.Jayaprakash ,Dr.D.Susitra, Dr.V.Meenakshi	Introduction to Proteus 8 & Capabilities	Traffic Light System
15.09.21		Dr. M. Kavitha, Dr.M. Pushpavalli, Dr.P. Sivagami, Dr. C. Bhuvaneshwari, Dr. W.Abitha Memala, Dr.S.Radhika, Dr.S.Jayaprakash ,Dr.D.Susitra, Dr.V.Meenakshi	Introduction to Proteus 8 & Capabilities	Password based Door Locking System -

Course Outcomes for the Course: Hands on Training in Arduino Interface using Tinkercad and Proteus for Real Time Applications

CO1: Gain knowledge about various electronic components

CO2: Understand the basics of programming using Arduino

CO3: Transform Physical input to digital input and anlayse through simulation

CO4: Develop Arduino based system for real time applications

CO5: Evaluate the functionalities of the embedded based system using Proteus.

CO6: Develop Arduino based home automation using proteus

Course Certificate: Hands on Training in Arduino Interface using Tinkercad and Proteus for Real Time Applications



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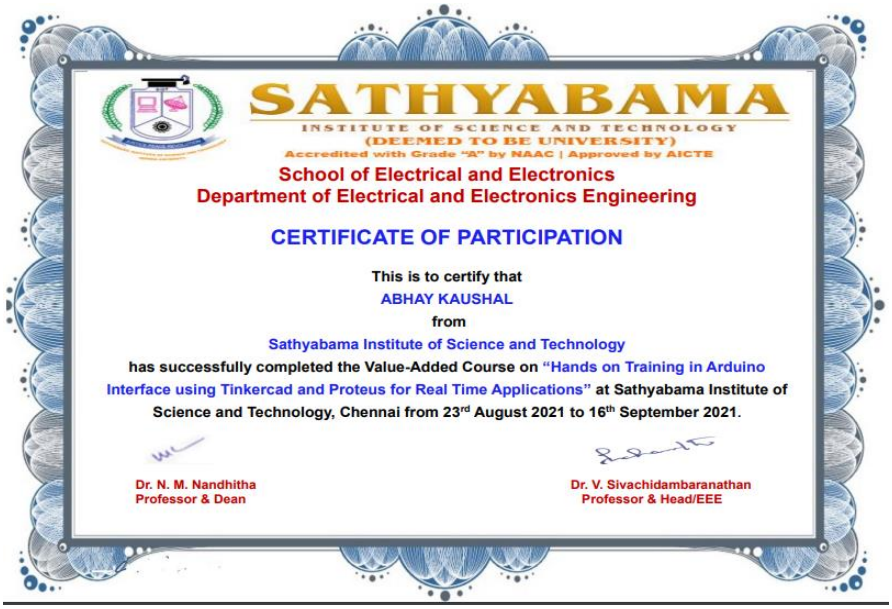
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CERTIFICATE OF PARTICIPATION

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SURYA V
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This is to certify that

ANANTHI

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KSR Institute for Engineering and Technology

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ASHWINI S
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Participants List: Hands on Training in Arduino Interface using Tinkercad and Proteus for Real Time Applications

S.No	Name of the Student	Dept	Batch/ Year	23.08.21	24.08.21	25.08.21	26.08.21	27.08.21	31.08.21	02.09.21	03.09.21	06.09.21	07.09.21	08.09.21	09.09.21	14.09.21	15.09.21
1.	Abhay Kaushal	EEE	2020-2024/II Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2.	Akhilesh Kandregula	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3.	Akula Laxmi Prasanna	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4.	Amudha	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	Ananthi	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	Ashwini S	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	A	P	P	P	P	P
7.	B L S S Krishnam Naidu	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8.	Bakiyalakshmi V	ECE	2019-2023/III Year	P	P	P	A	P	P	P	P	P	P	P	P	P	P
9.	Banothu Hari Krishna	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	A	P
10.	Bharathi S	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	A	P	P	P	P	P
11.	Bhaskar	ECE	2019-	P	P	P	P	P	P	P	P	P	P	P	P	P	P

	Naidu. Mutyala		2023/III Year														
12.	Bonagiri Chandra Lekha	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13.	C.V.N Sriharsha	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14.	Chidipudi Ajaykumarreddy	ECE	2019-2023/III Year	P	P	P	P	P	P	P	A	P	P	P	P	P	P
15.	D. Sneha	EEE	2019-2023/III Year	P	P	P	P	A	P	P	P	P	P	P	P	P	P
16.	D.Kamaleeswari	EEE	2020-2024/II Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17.	E.Narmadha	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	Elamathi M	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19.	F.Sheryn	EEE	2020-2024/II Year	P	P	P	A	P	P	P	P	P	P	P	P	P	P
20.	Gade Tharunadithya Reddy	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21.	Gandare	ECE	2019-	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22.	Gayathri J	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	A	P	P	P	P	P
23.	Goutham K	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24.	Gubbala Uday	ECE	2019-2023/I	P	P	P	P	P	P	P	A	P	P	P	P	P	P

	Subramanya Kumar		II Year														
25.	Guna J	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26.	Gunal N	EEE	2019-2023/III Year	P	P	P	A	P	P	P	P	P	P	P	P	P	P
27.	Gundlapudi Surya Teja	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28.	Hakhilesh	ECE	2019-2023/III Year	P	P	P	P	P	P	P	A	P	P	P	P	P	P
29.	Harini.C	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30.	Ila Venkata Sitharam	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31.	Iswarya S	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32.	Jaya Breestlin	EEE	2020-2024/II Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33.	Jayabharathi A	ECE	2019-2023/III Year	P	P	P	A	P	P	P	P	P	P	P	P	P	P
34.	K Krishna Babu	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35.	K Vanaja	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	A	P	P	P
36.	Kalavakunta Sri	ECE	2019-2023/I	P	P	P	P	P	P	P	P	P	P	P	P	P	P

	Venkateswararao		II Year														
37.	Kandula Sruthi	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	A	P	P	P	P	P
38.	Keerthana M S	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39.	Kiruba .Y	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40.	Konchada Pavan	ECE	2019-2023/III Year	P	P	P	P	A	P	P	P	P	P	P	P	P	P
41.	S. Krishna Prasath	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42.	Logeshwaran J	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43.	Logeshwari.A	EEE	2019-2023/III Year	P	P	P	P	P	P	P	A	P	P	P	P	P	P
44.	Lokesh. M	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45.	M Ajay Kumar Reddy	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46.	M. Suriyapriya	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47.	Machavarapu Lalitha Sree	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48.	Mahanthi Madhus	EEE	2019-2023/III Year	P	P	P	P	P	P	P	A	P	P	P	P	P	P

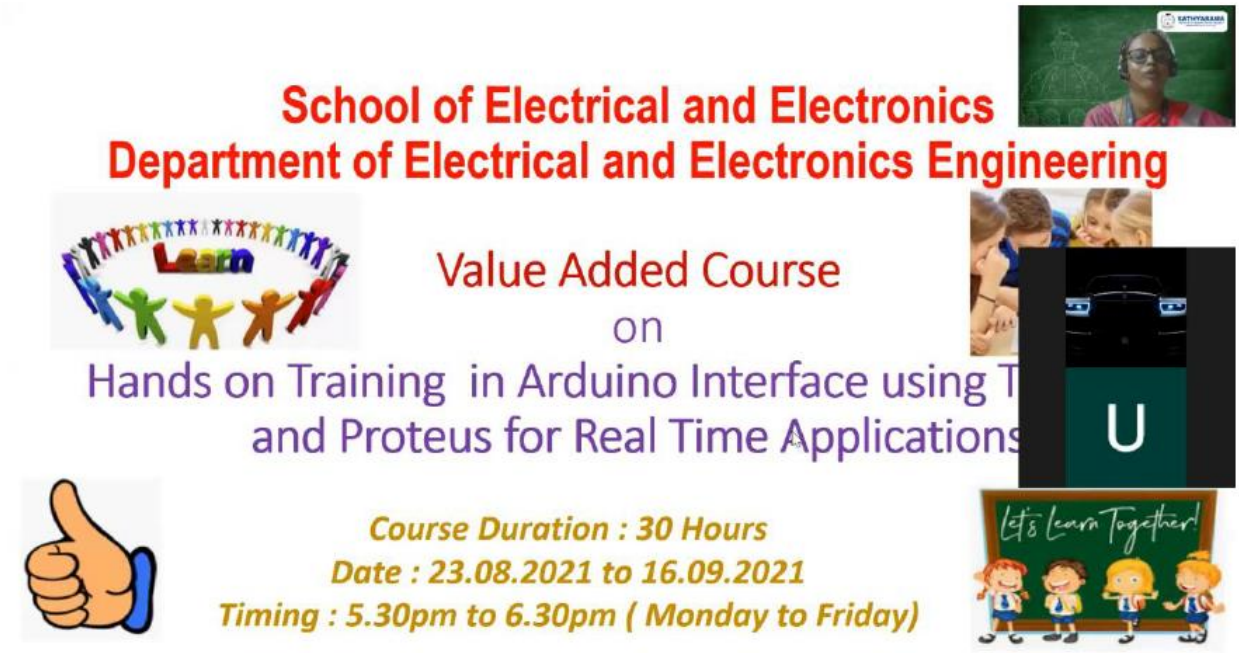
	udhana Rao																
49.	Male Sai Vamshi	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50.	Manasa G	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	A	P	P	P	P
51.	Manisha S	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52.	Manoj Kumar Nowkatla	ECE	2019-2023/III Year	P	P	A	P	P	P	P	P	P	P	P	P	P	P
53.	Mathesh .A	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54.	Md Dilshad	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55.	N.P.Tharini	EEE	2019-2023/III Year	P	P	P	P	P	P	A	P	P	P	P	P	P	P
56.	N.Yaseer Basha	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	A	P	P	P	P	P
57.	Neeli Vijaya Durga	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58.	Nikesh Kumar S	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59.	P. Swetha	ECE	2019-2023/III Year	P	P	P	P	P	A	P	P	P	P	P	P	P	P
60.	Parthiba S	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	A	P	P	P	P	P
61.	Pavithra	EEE	2019-	P	P	P	P	P	P	P	P	P	P	P	P	P	P

	P		2023/III Year														
62.	Pavithra V	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63.	Pavithra .S	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64.	Poornima. K	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65.	Poovarasi.G	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66.	Prabavathi. B	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	A	P	P	P	P
67.	Pradeena.G	EEE	2019-2023/III Year	P	P	P	P	A	P	P	P	P	P	P	P	P	P
68.	Prasad Pudi	ECE	2019-2023/III Year	P	P	A	P	P	P	P	P	P	P	P	P	P	P
69.	Prithi K	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
70.	Raagav S R	ECE	2019-2023/III Year	P	P	P	P	P	P	A	P	P	P	P	P	P	P
71.	Raagila .K	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	A	P	P	P	P
72.	Rahul S	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
73.	Ravi Sankara Narayana	ECE	2019-2023/III Year	P	P	P	P	P	P	A	P	P	P	P	P	P	P
74.	Ravoor	ECE	2019-	P	P	P	P	P	P	P	P	P	P	P	P	P	P

	Sujitha		2023/III Year														
75.	Ravuri Aravind	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
76.	Renganayagi	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
77.	Riya Singh	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
78.	Rohit Sharma	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
79.	S. Anandhi	ECE	2019-2023/III Year	P	P	P	P	A	P	P	P	P	P	P	P	P	P
80.	S.Abi	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	A	P	P	P	P	P
81.	S.Kowsalya	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
82.	S.Sabari Ganesh	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	A	P	P
83.	S.Sathwika Vijay	ECE	2019-2023/III Year	P	P	P	A	P	A	P	P	P	P	P	P	P	P
84.	Saran P	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
85.	Sarathi	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
86.	Selva Brindha K	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
87.	Settipalli Naga	ECE	2019-2023/I	P	P	A	P	P	P	P	P	P	P	P	P	P	P

	Pranavi		II Year														
88.	Shahukari Hemanth	ECE	2019-2023/III Year	P	P	P	P	A	P	P	P	P	P	P	P	P	P
89.	Shaik Nainaz	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
90.	Shalini. E	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
91.	Shivangi Kumari	ECE	2019-2023/III Year	P	P	P	P	P	P	P	A	P	P	P	P	P	P
92.	Sindhu V	ECE	2019-2023/III Year	P	P	A	P	P	P	P	P	P	P	P	P	P	P
93.	Siva Reddy	ECE	2019-2023/III Year	P	P	P	P	P	A	P	P	P	P	P	P	P	P
94.	Sonika . K. M	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
95.	Soumya Ranjan Mishra	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
96.	Sruthi Kandhula	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	A	P	P	P	P
97.	Sujitha Ravoor	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	A	P	P
98.	Sujoy Halder	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
99.	Surya V	EEE	2019-2023/III Year	P	P	P	A	P	P	P	P	P	P	P	P	P	P
100	Udayachandran	EEE	2019-2023/I	P	P	P	P	P	P	P	P	P	P	P	P	P	P

	.R		II Year														
101	Udhaya surya G	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
102	Vaddi Jagadeesh	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
103	Veda Samhitha	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
104	Venkat Chilukuri	EEE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
105	Vinay Veerabathin	ECE	2019-2023/III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
106	Vinay	ECE	2019-2023/III Year	P	P	P	A	P	P	P	P	P	P	P	P	P	P
107	Tirukkovalluri Brahmateja	ECE	2019-2023/III Year	P	P	P	P	P	P	A	P	P	P	P	P	P	P
108	G. Ganga Bhavani	ECE	2019-2023/III Year	P	P	P	P	P	A	P	P	P	P	P	P	P	P



Course: Hands on Training in Arduino Interface using Tinkercad and Proteus for Real Time Applications

Course: Design of Solar Photovoltaic System



Schedule for the Course: Design of Solar Photovoltaic System

Date	Time	Name of the Expert & Affiliation	Topic	Contents
16.11.21	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Mr.Sayan Datta, Assistant Engineer, SFD Engineers, New Delhi	Design of Solar Photovoltaic System	Utilization Of Solar Energy
17.11.21				Design of solar power plant
18.11.21				Modelling Photovoltaic Power
19.11.21				Optimization of photovoltaic power systems
20.11.21				Photovoltaic power generation system with photovoltaic cells as bypass diodes

Course Outcomes for the Course: Design of Solar Photovoltaic System

CO1: Demonstrate the utilization of solar energy.

CO2: Design a Solar power plant

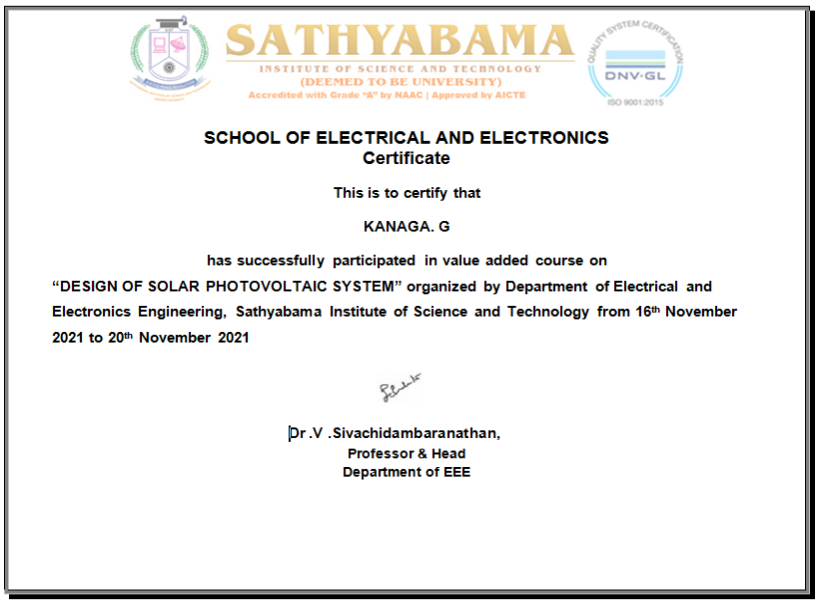
CO3: Construct PV System Modeling Algorithms and Tools for Reducing Uncertainty and Risk

CO4: Inspect the optimization techniques of photovoltaic power systems.

CO5: Inspect the role of Azimuth and Zenith Orientation in optimization of photovoltaic power systems.

CO6: Build a Photovoltaic power generation system with photovoltaic cells as bypass diodes.

Course Certificates: Design of Solar Photovoltaic System



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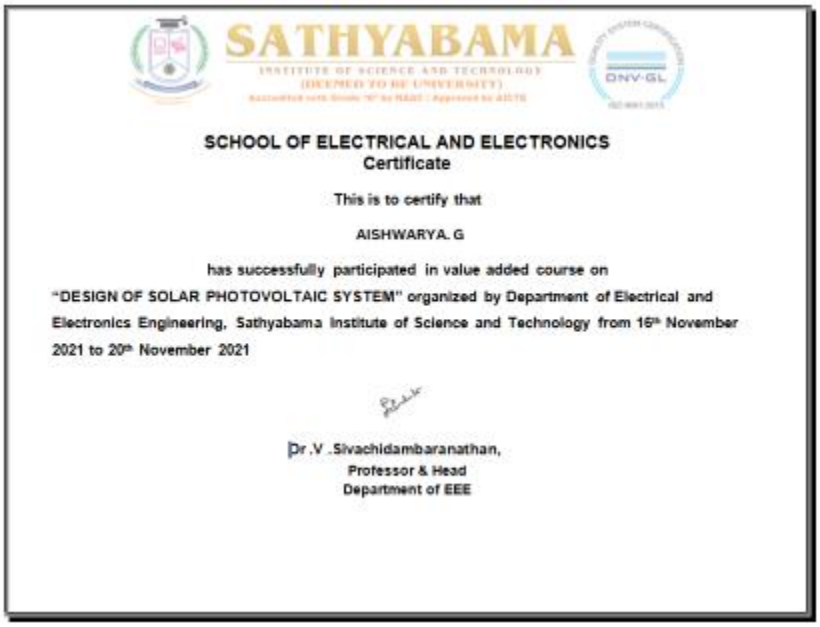
SCHOOL OF ELECTRICAL AND ELECTRONICS
Certificate

This is to certify that

KANAGA. G

has successfully participated in value added course on "DESIGN OF SOLAR PHOTOVOLTAIC SYSTEM" organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 16th November 2021 to 20th November 2021

Dr .V .Sivachidambaranathan,
Professor & Head
Department of EEE



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AISHWARYA. G

has successfully participated in value added course on "DESIGN OF SOLAR PHOTOVOLTAIC SYSTEM" organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 16th November 2021 to 20th November 2021

Dr .V .Sivachidambaranathan,
Professor & Head
Department of EEE

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Certificate

This is to certify that

BADRINATH. B

has successfully participated in value added course on "DESIGN OF SOLAR PHOTOVOLTAIC SYSTEM" organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 15th November 2021 to 20th November 2021

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Professor & Head
Department of EEE

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BAKIYALAKSHMI. V

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DEEPAK. K

has successfully participated in value added course on "DESIGN OF SOLAR PHOTOVOLTAIC SYSTEM" organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 15th November 2021 to 20th November 2021

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DIVAGAR. G

has successfully participated in value added course on "DESIGN OF SOLAR PHOTOVOLTAIC SYSTEM" organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 15th November 2021 to 20th November 2021

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Certificate

This is to certify that

GAYATHRI. J

has successfully participated in value added course on "DESIGN OF SOLAR PHOTOVOLTAIC SYSTEM" organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 15th November 2021 to 20th November 2021

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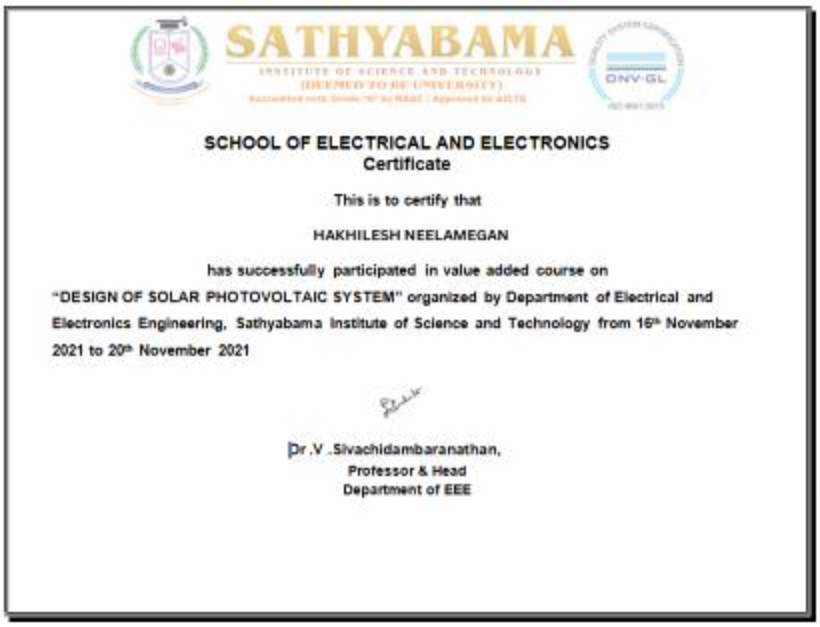
SCHOOL OF ELECTRICAL AND ELECTRONICS
Certificate

This is to certify that

GUNASEELAN. G

has successfully participated in value added course on "DESIGN OF SOLAR PHOTOVOLTAIC SYSTEM" organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 15th November 2021 to 20th November 2021

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Professor & Head
Department of EEE



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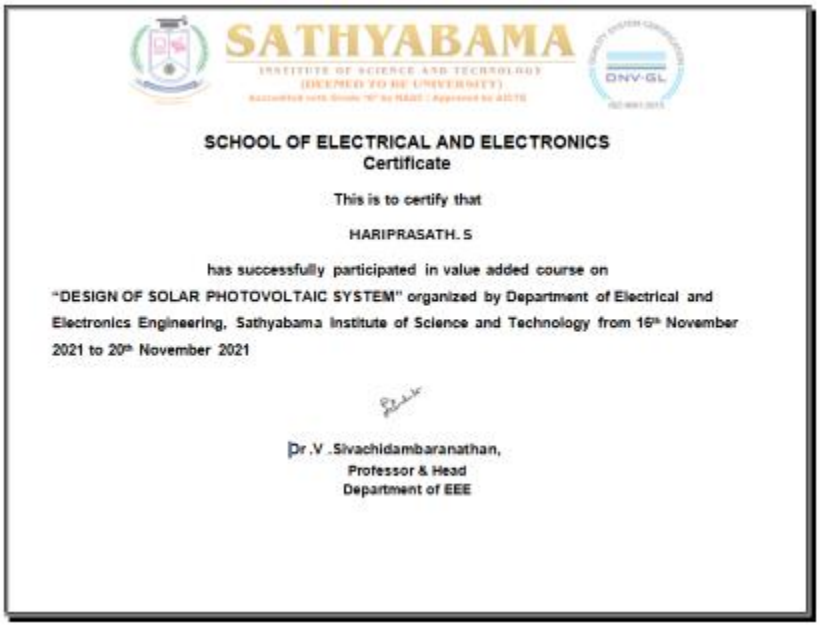
SCHOOL OF ELECTRICAL AND ELECTRONICS
Certificate

This is to certify that

HAKHILESH NEELAMEGAN

has successfully participated in value added course on "DESIGN OF SOLAR PHOTOVOLTAIC SYSTEM" organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 15th November 2021 to 20th November 2021

Dr.V.Sivachidambaranathan,
Professor & Head
Department of EEE



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This is to certify that

HARIPRASATH. S

has successfully participated in value added course on "DESIGN OF SOLAR PHOTOVOLTAIC SYSTEM" organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 15th November 2021 to 20th November 2021

Dr.V.Sivachidambaranathan,
Professor & Head
Department of EEE

Participant List: Design of Solar Photovoltaic System

S.No	Roll No.	Name of the Student	Batch/Year	16.11.21	17.11.21	18.11.21	19.11.21	20.11.21
1.	40140001	ABHAY VERMA	2020-2024/II Year	P	P	P	P	P
2.	40140002	AISHWARYA. G	2020-2024/II Year	P	P	P	P	P
3.	40140003	AKULA LAKSHMI PRASANNA	2020-2024/II Year	P	P	P	P	P
4.	40140004	BADRINATH. B	2020-2024/II Year	P	P	P	P	P

5.	40140005	BAKIYALAKSHMI. V	2020-2024/II Year	P	P	P	P	P
6.	40140006	BELLAM TARUN	2020-2024/II Year	P	P	P	P	P
7.	40140007	DEEPAK. K	2020-2024/II Year	P	P	P	P	P
8.	40140008	DIVAGAR. G	2020-2024/II Year	P	P	P	P	P
9.	40140009	ENIKA. S	2020-2024/II Year	P	P	A	P	P
10.	40140010	GAYATHRI. J	2020-2024/II Year	P	P	P	P	P
11.	40140011	GUNASEELAN. G	2020-2024/II Year	P	P	P	P	P
12.	40140012	GUNASEKAR. J	2020-2024/II Year	P	P	P	P	P
13.	40140013	HAKHILESH NEELAMEGAN	2020-2024/II Year	P	P	P	P	A
14.	40140014	HARIPRASATH. S	2020-2024/II Year	P	P	P	P	P
15.	40140015	HARISANKAR. S	2020-2024/II Year	P	P	P	P	P
16.	40140016	JAYA BREESTLIN. J	2020-2024/II Year	P	P	P	P	P
17.	40140017	KAMALEESWARI. D	2020-2024/II Year	P	P	A	P	P
18.	40140018	KANAGA. G	2020-2024/II Year	P	P	P	P	P
19.	38140010	BARLA GOWTHAM NAIDU	2018-2022/IV Year	P	P	P	P	P
20.	38140011	GANESAN. R	2018-2022/IV Year	P	P	P	P	P
21.	38140012	GORLI VENKATA BHUVAN SAI	2018-2022/IV Year	P	P	P	P	P
22.	38140013	HARIVENKATESH. M	2018-2022/IV Year	P	P	P	P	P
23.	38140014	JOHN YABESH. J	2018-2022/IV Year	P	P	P	P	P
24.	38140015	JAGADESH. V. S	2018-2022/IV Year	P	P	P	P	P
25.	38140016	JANANI. K	2018-2022/IV Year	A	P	P	P	P
26.	39140025	KORLAPATI KRISHNA BABU	2019-2023/III Year	P	P	P	P	P
27.	39140026	LOGESHWARAN. J	2019-2023/III Year	P	P	P	P	P
28.	39140027	LOGESHWARI. A	2019-2023/III Year	P	P	P	P	P
29.	39140028	MAHANTHI MADHUSUDHANA RAO	2019-2023/III Year	P	A	P	P	P
30.	39140029	MUPPE MANISHANKAR REDDY	2019-2023/III Year	P	P	P	P	P
31.	39140030	MATHESH. A	2019-2023/III Year	P	P	P	P	P
32.	39140031	MD DILSHAD	2019-2023/III Year	P	P	P	P	P
33.	39140032	MOHAN RAJ. K	2019-2023/III Year	P	P	P	P	P
34.	39140033	NARMADHA. E	2019-2023/III Year	P	P	A	P	P
35.	39140034	NIKESH KUMAR. S	2019-2023/III Year	P	P	P	P	P

36.	39140035	PARKAVI. V	2019-2023/III Year	P	P	P	P	P
37.	39140036	PAVITHRA. P	2019-2023/III Year	P	P	P	P	P
38.	39140037	PAVITHRA. R	2019-2023/III Year	P	P	P	P	P
39.	39140038	PAVITHRA. V	2019-2023/III Year	P	P	A	P	P
40.	39140039	POOJA. A	2019-2023/III Year	P	P	P	P	P
41.	39140040	POOVARASI. G	2019-2023/III Year	P	P	P	P	P
42.	39140041	PRADEENA. G	2019-2023/III Year	P	P	P	P	P
43.	39140042	PRAHADEESH. S	2019-2023/III Year	P	P	P	P	P
44.	39140043	PRITHI.K	2019-2023/III Year	P	P	P	P	P
45.	39140044	RAGHUL. S	2019-2023/III Year	P	A	P	P	P
46.	39140045	RAVURI ARAVIND	2019-2023/III Year	P	P	P	P	P
47.	39140046	RIZWAN	2019-2023/III Year	P	P	P	P	P
48.	39140047	ROHIT.M	2019-2023/III Year	P	P	P	P	P
49.	39140048	SANJAY. K	2019-2023/III Year	A	P	P	P	P



Course: Design of Solar Photovoltaic System

Course: Factory Automation using PLC

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Department of Electrical and Electronics Engineering

Organizes

Value Added course

on

Factory Automation using PLC



Date: From 24.01.2022 to 29.01.2022
Time: 08.00-03.00 PM

Conveners

Dr.N.M.Nandhitha
Prof & Dean/EEE
Dr.V.Sivachidambaranathan,
Prof & Head /EEE

Resource Person

Mr.N.Gopalan
Skill Development Trainer,
Chennai

Organizers

Dr. D. Susitra, Asso. Prof/EEE

Dr. S. Radhika, Asso. Prof/EEE

Mrs.V.Meenakshi, Asso. Prof /EEE

No Registration fee!!!
Certificate will be provided

Schedule for the Course: Factory Automation using PLC

Date	Time	Name of the Expert & Affiliation	Topic	Contents
24.01.22	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Mr.N.Gopalan Skill Development Trainer, Chennai.	Factory Automation using PLC	Fundamentals of automation technology for production companies
25.01.22				Automation systems in the age of Industry 4.0
27.01.22				Introduction to PLC and PLC Wiring PLC Trainer Device and PLC Software Fundamental Commands of PLC
28.01.22				How PLC Ladder Logic Programming Works How To Program a PLC – Basic Level 1 - 6
29.01.22				PLC Hardware The Original Rack of Memory PLC2 PLC5 Memory Mapping RSLogix500 SLC500 Micrologix

Course Outcomes for the Course: Factory Automation using PLC

CO1: Identify the fundamentals of automation technology for production companies.

CO2: Demonstrate the PLC Trainer Device and PLC software.

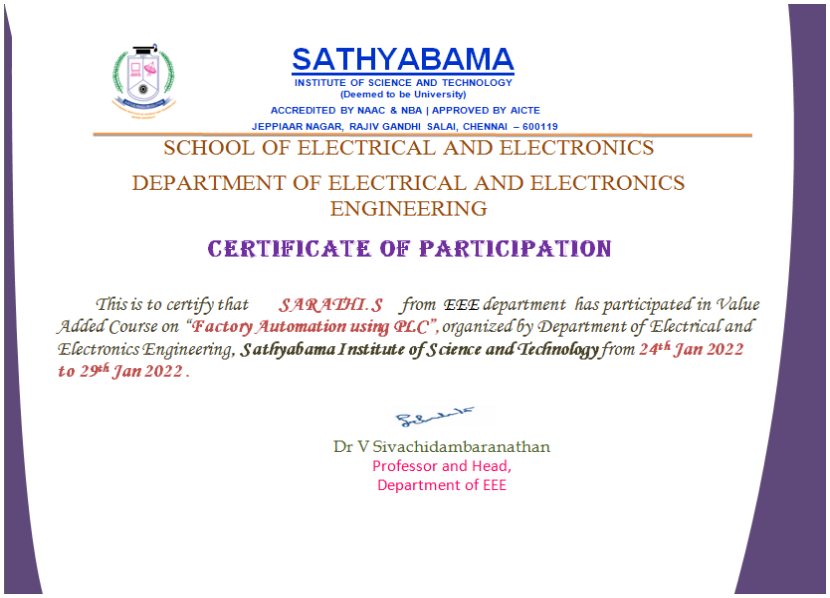
CO3: Outline the fundamental commands of PLC.

CO4: Explain the original rack of memory PLC2.

CO5: Inspect the addressing of memory reserved for PLC5

CO6: Design and implement ladder programs for the Allen-Bradley SLC 500™ and MicroLogix™ family of processors using RSLogic 500.

Course Certificates: Factory Automation using PLC



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SCHOOL OF ELECTRICAL AND ELECTRONICS

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that ***SARATHI. S*** *from EEE department has participated in Value Added Course on* ***"Factory Automation using PLC"****, organized by Department of Electrical and Electronics Engineering,* ***Sathyabama Institute of Science and Technology*** *from* ***24th Jan 2022 to 29th Jan 2022*** *.*

Dr V Sivachidambaranathan
Professor and Head,
Department of EEE



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This to certify that SURIYAPRIYA. M from EEE department has participated in Value Added Course on "Factory Automation using PLC", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology. from 24th Jan 2022 to 29th Jan 2022.

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This to certify that VYSHNAVI KARROTHU from EEE department has participated in Value Added Course on "Factory Automation using PLC", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology . from 24th Jan 2022 to 29th Jan 2022.

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This to certify that ABHAY KAUSHAL from EEE department has participated in Value Added Course on "Factory Automation using PLC", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology, from 24th Jan 2022 to 29th Jan 2022.

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This to certify that DHINESH KUMAR. B from EEE department has participated in Value Added Course on "Factory Automation using PLC", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology, from 24th Jan 2022 to 29th Jan 2022.

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This to certify that REDDY CHANDRA SEKHAR. B from EEE department has participated in Value Added Course on "Factory Automation using PLC", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology. from 24th Jan 2022 to 29th Jan 2022.

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This to certify that SUDARSAN. T from EEE department has participated in Value Added Course on "Factory Automation using PLC", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology. from 24th Jan 2022 to 29th Jan 2022.

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Department of EEE

Participant List: Factory Automation using PLC

S.No	Roll No.	Name of the Student	Batch/Year	24.01.22	25.01.22	27.01.22	28.01.22	29.01.22
1.	40140031	SARATHI. S	2020-2024/II Year	P	P	P	P	P
2.	40140032	SHALINI. E	2020-2024/II Year	P	P	P	P	P
3.	40140033	SHANIK. A	2020-2024/II Year	P	P	P	P	A
4.	40140034	SHERYN. F	2020-2024/II Year	P	P	P	P	P
5.	40140035	SURIYAPRIYA. M	2020-2024/II Year	P	P	P	P	P
6.	40140036	SWETHA.P	2020-2024/II Year	P	P	P	P	P
7.	40140037	VYSHNAVI KARROTHU	2020-2024/II Year	P	P	P	P	P
8.	40140701	ABHAY KAUSHAL	2020-2024/II Year	P	P	P	P	P
9.	40140702	DHINESH KUMAR. B	2020-2024/II Year	P	P	P	P	P
10.	40140703	REDDY CHANDRA SEKHAR. B	2020-2024/II Year	A	P	P	P	P
11.	40140704	SUDARSAN. T	2020-2024/II Year	P	P	P	P	P
12.	38140017	KARTHIGA SRI. R. S	2018-2022/IV Year	P	P	P	P	P
13.	38140019	KEERTHANA PRIYA. B	2018-2022/IV Year	P	P	P	P	P
14.	38140020	KEERTHANA SAGAR. S	2018-2022/IV Year	P	P	P	P	P
15.	38140021	KOWSALYA. K	2018-2022/IV Year	P	P	P	P	P
16.	38140022	KRUPA NANDHINI. B	2018-2022/IV Year	P	P	P	A	P
17.	38140024	LALITHA. S	2018-2022/IV Year	P	P	P	P	P
18.	38140025	LAVANYA. P	2018-2022/IV Year	P	P	P	P	P
19.	38140026	MANOJKUMAR.R	2018-2022/IV Year	P	P	P	P	P
20.	38140027	MATHANKUMAR. J	2018-2022/IV Year	P	P	P	P	P
21.	38140028	MEHTA MEET VINAYKUMAR	2018-2022/IV Year	P	P	P	P	P
22.	38140029	MOHAMED IRFAN. M	2018-2022/IV Year	P	P	P	P	P

23.	38140030	MONISHA. M	2018-2022/IV Year	P	P	P	P	P
24.	38140031	MUGILARASI KO SI	2018-2022/IV Year	P	P	P	P	P
25.	38140032	MUTHURAMAN. S	2018-2022/IV Year	P	P	P	P	P
26.	38140033	NABARUN SARKAR	2018-2022/IV Year	P	P	P	P	P
27.	38140034	NAGULA SAI DEEP	2018-2022/IV Year	P	P	P	P	P
28.	38140035	NANDHINI. D	2018-2022/IV Year	P	P	P	P	P
29.	38140036	NANTHITHA. P	2018-2022/IV Year	P	P	P	P	P
30.	38140037	PAVITHRA. S	2018-2022/IV Year	P	P	P	P	P
31.	38140038	PERAMANATHAN . S	2018-2022/IV Year	P	P	P	P	P
32.	38140039	MUKESH KUMAR. R	2018-2022/IV Year	P	P	P	P	P
33.	38140040	RADHA. M	2018-2022/IV Year	P	P	P	P	P
34.	38140017	KARTHIGA SRI. R. S	2018-2022/IV Year	P	A	P	P	P
35.	39140001	AKASH KUMAR. A	2019-2023/III Year	P	P	P	P	P
36.	39140002	AMUDHA. S	2019-2023/III Year	P	P	P	P	P
37.	39140003	ANUSHAA. A	2019-2023/III Year	P	P	P	P	P
38.	39140004	ASHWINI. S	2019-2023/III Year	P	P	P	P	P
39.	39140005	ASWIN RAJ. R	2019-2023/III Year	P	P	P	P	P
40.	39140006	BALAJI. A	2019-2023/III Year	P	P	A	P	P
41.	39140007	BANOTHU HARI KRISHNA	2019-2023/III Year	P	P	P	P	P
42.	39140008	BENIN. J M	2019-2023/III Year	P	P	P	P	P
43.	39140009	BHARATHI. S	2019-2023/III Year	P	P	P	P	P
44.	39140010	BREEZE. J.M	2019-2023/III Year	P	P	P	P	P
45.	39140011	DHANUSH. G	2019-2023/III Year	P	P	P	P	P
46.	39140012	DHINESH PANDI. J	2019-2023/III Year	P	P	P	P	P

47.	39140013	DINESH. M	2019-2023/III Year	P	P	P	P	P
48.	39140014	FURKHAN MOHIDEEN. M	2019-2023/III Year	P	P	P	P	P
49.	39140015	GUNAL. N	2019-2023/III Year	P	P	P	P	P
50.	39140016	HAMEED FAZIL. I	2019-2023/III Year	P	P	P	P	P
51.	39140017	HARINI. C	2019-2023/III Year	P	P	P	P	P
52.	39140018	ISWARYA. S	2019-2023/III Year	P	P	P	P	P
53.	39140019	JEEVANANTHAM. D.S	2019-2023/III Year	P	P	P	P	P
54.	39140020	JOTHIKA. P	2019-2023/III Year	P	P	P	P	P
55.	39140021	KANDREGULA MURALI VENKATA AKHILESH	2019-2023/III Year	P	P	P	P	A
56.	39140022	KARTHIK VISHVA. V	2019-2023/III Year	P	P	P	P	P
57.	39140023	KEERTHANA. M S	2019-2023/III Year	P	P	P	P	P
58.	39140024	KESHAV SRIDHAR	2019-2023/III Year	P	P	P	P	P



Course: Factory Automation using PLC

Course: Python Boot Camp



Schedule for the course: Python Boot Camp

Date	Time	Name of the Expert & Affiliation	Topic	Contents
28.02.22	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Ms.V.R.Pooja, Mr. G. Rajesh	Python Boot Camp	Introduction to Python
1.03.22		Ms.V.R.Pooja, Mr. G. Rajesh		Python overview and working with function
2.03.22		Mr. M. Dhanush Kumaran Ms.V.R.Pooja Mr. S. Mohan Ram Mr. G. Rajesh Mr. K. Sasikumar		File and error handling, Python libraries,Computer Network,Social Law and Ethics
3.03.22		Mr. K. Sasikumar, Mr. M. Dhanush Kumaran Ms.V.R.Pooja		Data Structures, Chat app using socket
4.03.22		Mr. M. Dhanush Kumaran		Basic programs using some modules, Introduction to PIP-Installing Packages via PIP
5.03.22		Ms.V.R.Pooja, Mr. S. Mohan Ram		Whatsapp, Top 10 News,Typing Speed Test, Real Time Voice Translater, Human Positioning
6.03.22		Mr. M. Dhanush Kumaran		Alexa, Audio Converter, Face detect, Mask warning, Advance alarm system, Instragram bot
7.03.22		Mr. G. Rajesh Mr. K. Sasikumar		Weather app, Google search, Internet speed test
8.03.22		Mr. K. Sasikumar, Mr. M. Dhanush Kumaran		Basic of Tkinter
9.03.22		Mr. M. Dhanush Kumaran Ms.V.R.Pooja Mr. K. Sasikumar		Age calculator, Digital clock, Recaptcha, Weight Convert, Calculator, Billing, Calander,Menubar,ID card

				generator
10.03.22		Ms.V.R.Pooja Mr. G. Rajesh		Dot, Hang man, Rock paper game
11.03.22		Mr. M. Dhanush Kumaran		Snake, Colour, X/O game
12.03.22		Mr. S. Mohan Ram		Machine and Deep Learning and FB analysis
13.03.22		Mr. G. Rajesh		Basics of Arduino, Board Description, Installation of IDE
14.03.22		Mr. G. Rajesh		Basic programs using Arduino, Interface arduino with python
15.03.22		Mr. S. Mohan Ram		Ethical Hacking

Course Outcomes for the Course: Python Boot Camp

CO1: Describe the basic operations of Python, file handling and error handling using various data types, functions and python libraries.

CO2: Produce the solution for Real World Problem with the use of PIP installation.

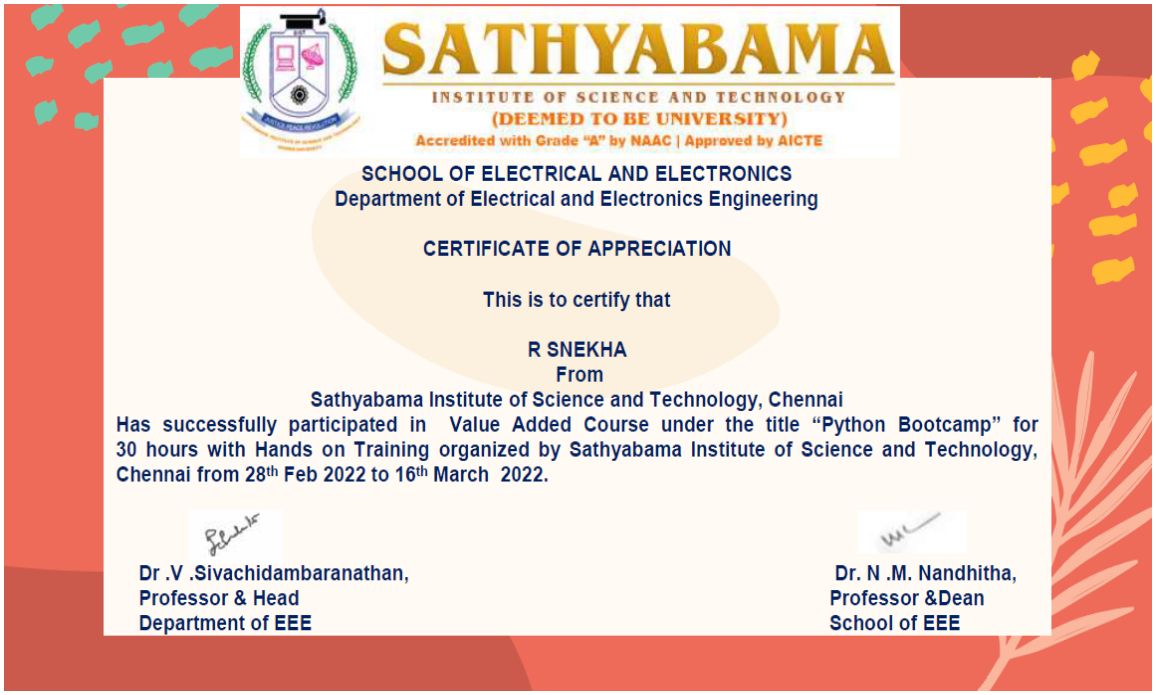
CO3: Explain how to design GUI Applications in Python.

CO4: Ability to design interesting games in digital mode and think creatively about solutions of them.

CO5: Evaluate different database operations with machine learning and deep learning.

CO6: Apply the best features of mathematics, engineering and natural sciences to program real life problems.

Course Certificates: Python Boot Camp



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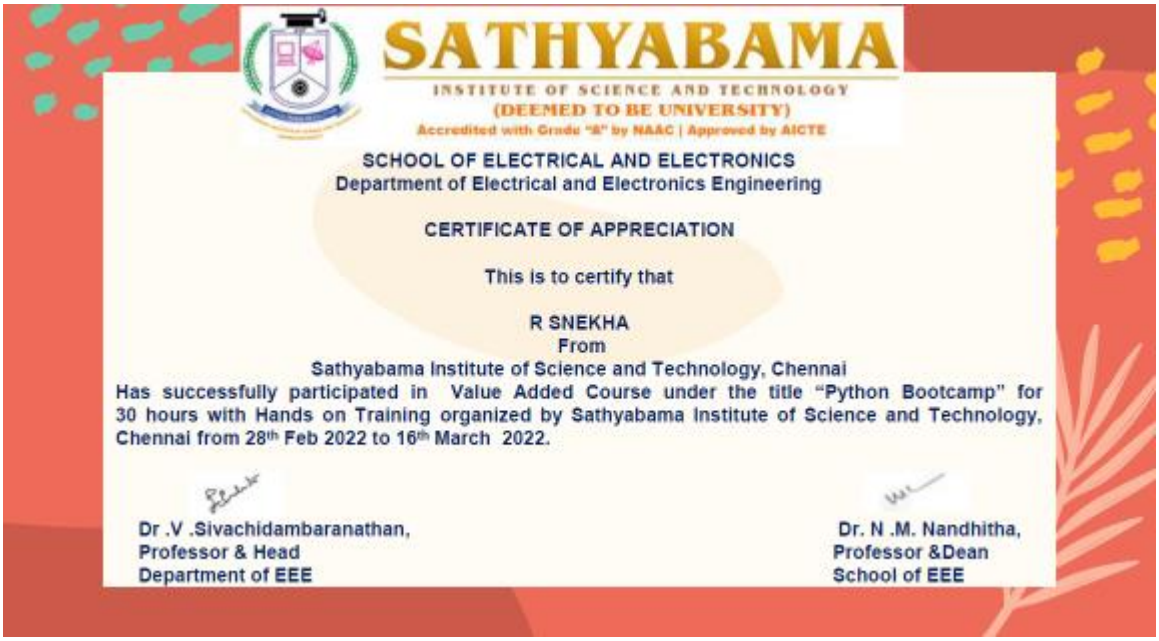
CERTIFICATE OF APPRECIATION

This is to certify that

R SNEKHA
From
Sathyabama Institute of Science and Technology, Chennai
Has successfully participated in Value Added Course under the title "Python Bootcamp" for 30 hours with Hands on Training organized by Sathyabama Institute of Science and Technology, Chennai from 28th Feb 2022 to 16th March 2022.

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Tilak.S

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Mounabrata Baidya

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This is to certify that

Kaviyadharshini.N

From

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Pooja J

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Ravuri Aravind

From

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This is to certify that

P.Sarithira

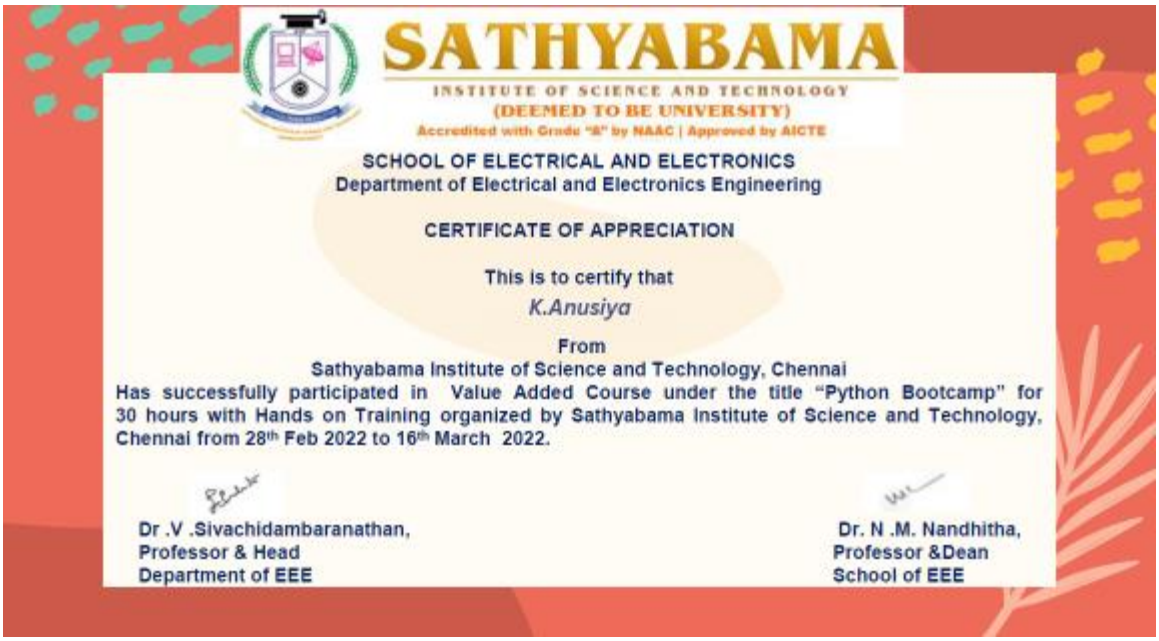
From

Sathyabama Institute of Science and Technology, Chennai

Has successfully participated in Value Added Course under the title "Python Bootcamp" for 30 hours with Hands on Training organized by Sathyabama Institute of Science and Technology, Chennai from 28th Feb 2022 to 16th March 2022.

Dr .V .Sivachidambaranathan,
Professor & Head
Department of EEE

Dr. N .M. Nandhitha,
Professor &Dean
School of EEE



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SCHOOL OF ELECTRICAL AND ELECTRONICS
Department of Electrical and Electronics Engineering

CERTIFICATE OF APPRECIATION

This is to certify that

K.Anusiya

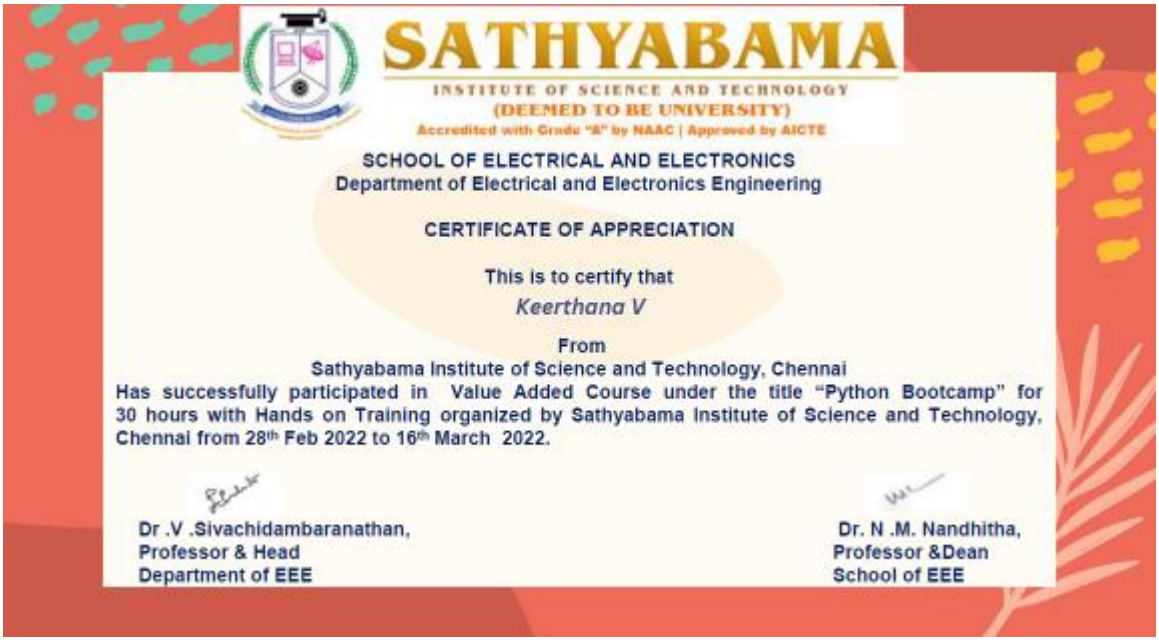
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Department of Electrical and Electronics Engineering

CERTIFICATE OF APPRECIATION

This is to certify that

Keerthana V

From

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Department of EEE

Dr. N .M. Nandhitha,
Professor &Dean
School of EEE

Participants List: Python Boot Camp

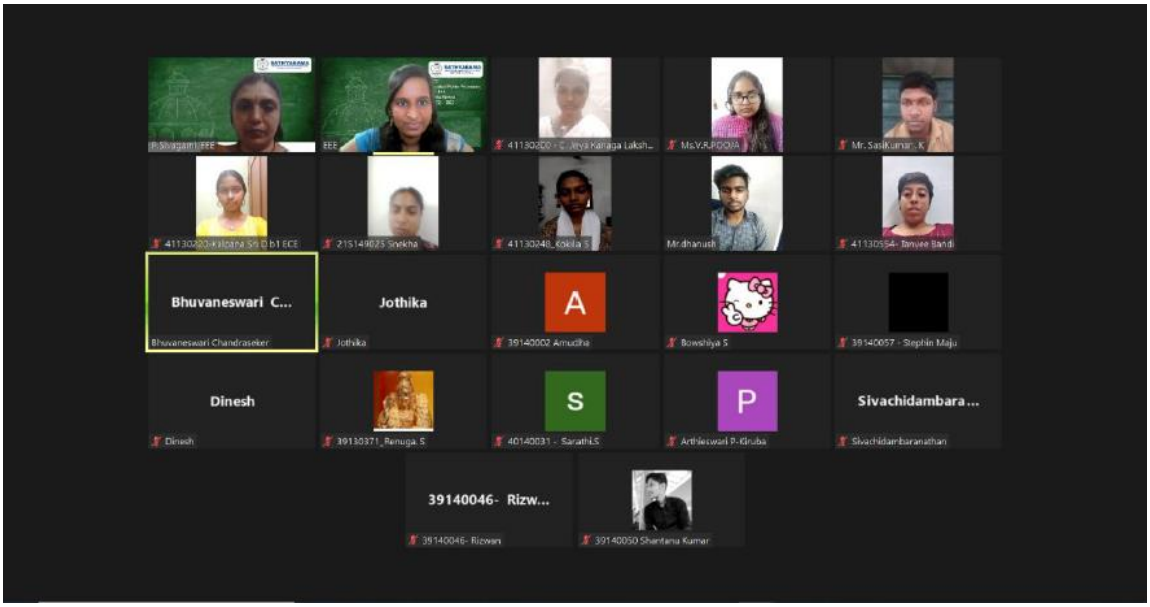
S.No	Name of the Student	Department	Batch/ Year	28.02.22	1.03.22	2.03.22	3.03.22	4.03.22	5.03.22	6.03.22	7.03.22	8.03.22	9.03.22	10.03.22	11.03.22	12.03.22	13.03.22	14.03.22	15.03.22
1.	R Snekha	EEE	2021-2025/I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2.	Renuga. S	ECE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3.	Dinesh M	EEE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4.	Kalpana Sri D	ECE	2021-2025/I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	Pradeen a.G	EEE	2019-2023/ III Year	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
6.	Bowshiy a S	IT	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7.	Tanvee Bandi	ECE	2021-2025/ I Year	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
8.	Pavithra R	EEE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
9.	Kanaka pillai Midhun eshwar	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10.	S.Sarat hi	EEE	2020-2024/ II Year	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
11.	Jayabha rathi A	ECE	2019-2023/ III Year	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
12.	Amudha	EEE	2019-2023/ III Year	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P

13.	Jeya Kanaga Lakshmi .C	ECE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
14.	Poovarasi G	EEE	2019-2023/ III Year	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
15.	V.Priya	EEE	2021-2025/ I Year	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
16.	S Kokila	ECE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17.	S.Vijaya lakshmi	ECE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	Akshaya.R	EEE	2021-2025/ I Year	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
19.	Sathish . M	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20.	Shantanu Kumar	EEE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21.	Sivaranjani.S	EEE	2021-2025/ I Year	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22.	Iswarya S	EEE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23.	Arthieswari P	ECE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24.	Parkavi V	EEE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25.	Kiruba. Y	EIE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
26.	Mahalakshmi R	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27.	Stephin	EEE	2019-	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

	Maju M		2023/ III Year																
28.	Gudimanikyam Ganga Bhavani	ECE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
29.	Jothika. P	EEE	2019-2023/ III Year	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
30.	Md Dilshad	EEE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31.	B. Hari Krishna	EEE	2019-2023/ III Year	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
32.	M Shiva	EEE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33.	Venkat Chilukuri	EEE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34.	Hari	ECE	2021-2025/ I Year	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
35.	Narmadha.E	EEE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36.	Rizwan	EEE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37.	Vishal	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38.	Indhumathi P	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39.	S.Madhumitha	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
40.	Manimala.M	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41.	K. Manibh	EEE	2021-2025/ I	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

	arathi		Year																
42.	S Ragadharshini	ECE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43.	V.Bhavan	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44.	Pretiish Rajasekaran	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
45.	Keerthana V	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46.	Indhu.G	EEE	2021-2025/ I Year	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
47.	Krishnaveni.S	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48.	P.Sarithira	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49.	K.Anusiya	EEE	2021-2025/ I Year	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
50.	Aryaan Ganesan S	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51.	Ravuri Aravind	EEE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52.	Pooja J	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53.	Mahanthi Madhusudhana Rao	EEE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
54.	H.Nishanth Babu	CSE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55.	Jeevitha. R	EEE	2021-2025/ I	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

			Year																
56.	Mohan V	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57.	Bairavan C	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58.	Revathi. M	ECE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59.	Janarth B	CSE	2021-2025/ I Year	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
60.	Rahul	CSE	2020-2024/ II Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61.	Mounabrata Baidya	ECE	2021-2025/ I Year	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
62.	Raagila K	EIE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63.	Tilak.S	EIE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64.	Anusha a.A	EEE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65.	Janarthanan E	EEE	2021-2025/ I Year	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
66.	Elamathi M	EIE	2019-2023/ III Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67.	Kaviyadharshini. N	ECE	2019-2023/ III Year	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P



Course: Python Boot Camp

SATHYABAMA
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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

IN ASSOCIATION WITH

PLACEMENT CELL

VALUE ADDED COURSE ON

Aptitude and Computer Coding Training

FROM

17-07-2017

TO

14-08-2017

Course Coordinator

1. Dr. Joshua Amarnath –Professor , Department of Chemical Engineering, Sathyabama Institute of Science and Technology

2. Dr.Naveen Prasad- Associate Professor , Department of Chemical Engineering, Sathyabama Institute of Science and Technology

For registration:
https://docs.google.com/forms/d/1wOAcqojQhmUuQonafLNsP4F_YtqbUmXf9ttuaa1yFuo/edit

For Queries contact: chemicalhod@sathyabama.ac.in

Objective of this course:

Aims to increase learner's computer knowledge and unique soft skills so as to develop attributes that enhance an individual's interactions, earning power and job performance.

The objective of the programme is to inculcate potential skills in the learners to prepare them to deal with the external world in a collaborative manner, communicate effectively, take initiative, solve problems, and demonstrate a positive work ethic so as to hold a good impression and positive impact.

Course Outcomes:

1. **Analysis of problems**
2. **Apply Soft skills**
3. **Understand programming Skills**
4. **Develop skills to solve problems**
5. **Develop conceptual design.**

Module	Topics	Name of the Faculty	No of Sessions	Venue
1	Introduction to Soft Skills, Communication Skills, Presentation Skills, Time Management Skills	Dr. Srinivasulu	8 hr	Seminar Hall
2	Body Language & Etiquettes, Group Discussion & Interview Skills, Preparation of CV	Dr.Bhuvaneswari	8 hr	Seminar Hall
3	Emotional Intelligence Skills, Life Skills, Presentation on Soft Skills, Activities related to Soft Skills	Dr.Nithya	8 hr	Seminar Hall
4	Why Programming Historyof C , Identifiers in C Variables and DataTypes Constants, If Statement Switch Statement Unconditional Branching using goto statement While Loop Do While LoopFor Loop Break and Continue Special Cases	Dr.Laxmanan	8 hr	Seminar Hall
5	Introduction to Pointers,	Dr.Madivanan	8 hr	Seminar Hall

	Pointers as Function Parameter, Pointer Arithmetic, Pointers and Arrays, Function Pointers, Dynamic Memory String Handling Introduction to StringsSample Program More Sample Programs Standard String Library Functions Array of String			
6	Assessment	Dr Joshua Amarnath	1hr	Seminar Hall

Vision

We empower the student community to maximize their potential for the development and transfer of technical competence in the field of Chemical Engineering through academic and research excellence extending service to the mankind.

Mission

M1: To produce socially responsible chemical engineers of high academic pursuit who will contribute to challenges and improvement of process industries worldwide.

M2: To excel in research with an in-depth knowledge of core principles for providing solutions in process industries.

M3: To enhance the experienced learning in collaboration with esteemed National and International Institutes/ Universities/ Industries.

M4: To develop sustainable solutions for the societal needs.

PROGRAM EDUCATIONAL OBJECTIVES

PEO1: Excellence in Career: Compete globally with strong domain knowledge, updated with modern technology to provide effective solutions for engineering problems.

PEO2: Professional Expertise: Design of plants and process equipment's with research attitude, lifelong learning, investigative approach and multidisciplinary thinking.

PEO3: Exercising leadership: Exhibit strong managerial and communication skills to work efficiently as individual as well as in teams.

PEO4: Societal Contribution: Succeed as an entrepreneur and as environmental developer/consultant to solve the practical problems.

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PLACEMENT CELL

VALUE ADDED COURSE ON

Aptitude and Computer Coding Online Training

FROM

16-07- 2018

TO

14-08-2018

Course Coordinator

Dr D Prabhu – Associate Professor , Department of Chemical Engineering, Sathyabama Institute of Science and Technology.

Dr.Joshua Amarnath -Professor ,Department of Chemical Engineering, Sathyabama Institute of Science and Technology.

For registration:
https://docs.google.com/forms/d/1wOAcqojQhmUuQonafLNsP4F_YtqbUmXf9ttuaa1yFuo/edit

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Module	Topics	Name of the Faculty	No of Sessions	Venue
1	Introduction to Soft Skills, Communication Skills, Presentation Skills, Time Management Skills	Dr. Naveen Kumar	8 hr	Seminar Hall
2	Body Language & Etiquettes, Group Discussion & Interview Skills, Preparation of CV	Dr.Bhuvaneswari	8 hr	Seminar Hall
3	Emotional Intelligence Skills, Life Skills, Presentation on Soft Skills, Activities related to Soft Skills	Dr.Praveen Banu	8 hr	Seminar Hall
4	Why Programming History of C , Identifiers in C Variables and DataTypes Constants, If Statement Switch Statement Unconditional Branching using goto statement While Loop Do While Loop For Loop Break and Continue Special Cases	Dr.Jabez	8 hr	Seminar Hall
5	Introduction to Pointers,	Dr.Jesudas	8 hr	Seminar Hall

	Pointers as Function Parameter, Pointer Arithmetic, Pointers and Arrays, Function Pointers, Dynamic Memory String Handling Introduction to StringsSample Program More Sample Programs Standard String Library Functions Array of String			
6	Assessment	Dr.D Prabhu	1hr	Seminar Hall

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DEPARTMENT OF CHEMICAL ENGINEERING

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PLACEMENT CELL

VALUE ADDED COURSE ON

Aptitude and Computer Coding Online Training

FROM

26-08- 2019

TO

23-09-2019

Course Coordinator

Dr D Prabhu – Associate Professor , Department of Chemical Engineering, Sathyabama Institute of Science and Technology

Dr Joshua Amarnath- Professor ,Department of Chemical Engineering, Sathyabama Institute of Science and Technology

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5	Introduction to Pointers,	Dr.Jesudas	8 hr	Seminar Hall

	Pointers as Function Parameter, Pointer Arithmetic, Pointers and Arrays, Function Pointers, Dynamic Memory String Handling Introduction to StringsSample Program More Sample Programs Standard String Library Functions Array of String			
6	Assessment	Dr.D Venkatesan	1hr	Seminar Hall

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VALUE ADDED COURSE ON

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FROM

13-07- 2020

TO

06-08-2020

Course Coordinator

Dr D Prabhu – Associate Professor , Department of Chemical Engineering, Sathyabama Institute of Science and Technology

For registration:
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3	Emotional Intelligence Skills, Life Skills, Presentation on Soft Skills, Activities related to Soft Skills	Dr.Praveen Banu	8 hr	Zoom
4	Why Programming History of C , Identifiers in C Variables and DataTypes Constants, If Statement Switch Statement Unconditional Branching using goto statement While Loop Do While Loop For Loop Break and Continue Special Cases	Dr.Jabez	8 hr	Zoom
5	Introduction to Pointers,	Dr.Jesudas	8 hr	Zoom

	Pointers as Function Parameter, Pointer Arithmetic, Pointers and Arrays, Function Pointers, Dynamic Memory String Handling Introduction to StringsSample Program More Sample Programs Standard String Library Functions Array of String			
6	Assessment	Dr.D Pracbhu /Dr.DVenkatesan	1hr	LMS Quiz

Vision

We empower the student community to maximize their potential for the development and transfer of technical competence in the field of Chemical Engineering through academic and research excellence extending service to the mankind.

Mission

M1: To produce socially responsible chemical engineers of high academic pursuit who will contribute to challenges and improvement of process industries worldwide.

M2: To excel in research with an in-depth knowledge of core principles for providing solutions in process industries.

M3: To enhance the experienced learning in collaboration with esteemed National and International Institutes/ Universities/ Industries.

M4: To develop sustainable solutions for the societal needs.

PROGRAM EDUCATIONAL OBJECTIVES

PEO1: Excellence in Career: Compete globally with strong domain knowledge, updated with modern technology to provide effective solutions for engineering problems.

PEO2: Professional Expertise: Design of plants and process equipment's with research attitude, lifelong learning, investigative approach and multidisciplinary thinking.

PEO3: Exercising leadership: Exhibit strong managerial and communication skills to work efficiently as individual as well as in teams.

PEO4: Societal Contribution: Succeed as an entrepreneur and as environmental developer/consultant to solve the practical problems.

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

IN ASSOCIATION WITH

PLACEMENT CELL

VALUE ADDED COURSE ON

Aptitude and Computer Coding Online Training

FROM

15-07- 2021

TO

10-08-2021

Course Coordinator

Dr D Prabhu – Associate Professor , Department of Chemical Engineering, Sathyabama Institute of Science and Technology

For registration:
https://docs.google.com/forms/d/1wOAcqojQhmUuQonafLNsP4F_YtqbUmXf9ttuaa1yFuo/edit

For Queries contact: chemicalhod@sathyabama.ac.in

Objective of this course:

Aims to increase learner's computer knowledge and unique soft skills so as to develop attributes that enhance an individual's interactions, earning power and job performance.

The objective of the programme is to inculcate potential skills in the learners to prepare them to deal with the external world in a collaborative manner, communicate effectively, take initiative, solve problems, and demonstrate a positive work ethic so as to hold a good impression and positive impact.

Course Outcomes:

1. **Analysis of problems**
2. **Apply Soft skills**
3. **Understand programming Skills**
4. **Develop skills to solve problems**
5. **Develop conceptual design of a plant.**

Module	Topics	Name of the Faculty	No of Sessions	Platform
1	Introduction to Soft Skills, Communication Skills, Presentation Skills, Time Management Skills	**Dr. Naveen Kumar**	**6 hr**	**Zoom**
2	Body Language & Etiquettes, Group Discussion & Interview Skills, Preparation of CV	**Dr.Bhuvaneswari**	**6 hr**	**Zoom**
3	Emotional Intelligence Skills, Life Skills, Presentation on Soft Skills, Activities related to Soft Skills	**Dr.Praveen Banu**	**6 hr**	**Zoom**
4	Why Programming History of C , Identifiers in C Variables and DataTypes Constants, If Statement Switch Statement Unconditional Branching using goto statement While Loop Do While Loop For Loop Break and Continue Special Cases	**Dr.Jabez**	**6hr**	**Zoom**
5	Introduction to Pointers,	**Dr.Jesudas**	**6 hr**	**Zoom**

	Pointers as Function Parameter, Pointer Arithmetic, Pointers and Arrays, Function Pointers, Dynamic Memory String Handling Introduction to Strings Sample Program More Sample Programs Standard String Library Functions Array of String			
6	**Assessment**	**Dr.D Prabu /Dr.D Venkatesan**	**1hr**	**LMS Quiz**

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DEPARTMENT OF CHEMICAL ENGINEERING

SCHOOL OF BIO AND CHEMICAL ENGINEERING

Aptitude And Computer Coding Online Training

LIST OF PARTICIPANTS

S.No	Name	Roll No	Department	Day1	Day 2	Day3	Day 4	Day 5
1	ABHIJIT DEY	13SCH159	Chemical	Abhijit Dey	Abhijit Dey	Abhijit Dey	Abhijit Dey	Abhijit Dey
2	ACHU JOBY MATHEW	13SCH301	Chemical					
3	AJAY BABU.P	13SCH102	Chemical	Ajay babu	Ajay babu	Ajay babu	Ajay babu	Ajay babu
4	AKANKSHA TIWARI	13SCH302	Chemical		A			
5	ALDRIN JOHN EDWARD	13SCH103	Chemical	Aldrin	Aldrin	Aldrin	Aldrin	Aldrin
6	ANKUR KUMARI	13SCH304	Chemical					
7	ANURAG KUMAR GUPTA	13SCH105	Chemical	A	Anurag	Anurag	Anurag	Anurag
8	ASHA ABRAHAM	13SCH305	Chemical					
9	AZMIN NASRIN HANNAN	13SCH306	Chemical	Azmin	Azmin	A	Azmin	Azmin
10	CHENGALVALA SAI KAUSHIK	13SCH111	Chemical					
11	CHRISTY JOY	13SCH307	Chemical					
12	DONA SOPHY	13SCH308	Chemical					

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY DEPARTMENT OF CHEMICAL ENGINEERING

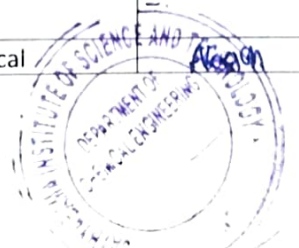
	MATHEW							
13	DVYA VILASINI NAGESVARAN	13SCH309	Chemical					
14	EDWIN VARGHESE MATHEW	13SCH116	Chemical					
15	ESHANEE GOGOI	13SCH310	Chemical					
16	FARHAN AHMAD KHAN	13SCH117	Chemical					
17	GAYATHRI.J	13SCH311	Chemical					
18	GEETHA.V	13SCH604	Chemical					
19	GOWSALYA.M	13SCH334	Chemical					
20	GURUSHAVE AARTHI	13SCH312	Chemical					
21	HAARESH AUGUSTUS	13SCH119	Chemical	A				
22	HITHESSH AUGUSTUS	13SCH121	Chemical					A
23	JAYANTH BHARADWAJ NATARAJAN	13SCH126	Chemical					
24	JENNITA JACQUELINE.P	13SCH313	Chemical					
25	JISSIL JOE BABU	13SCH602	Chemical					
26	JOEL STEPHEN	13SCH130	Chemical					
27	JOEL ZACHARIAS	13SCH131	Chemical					
28	JOY MERCY.J	13SCH314	Chemical					

PONDICHERRY INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF CHEMICAL ENGINEERING

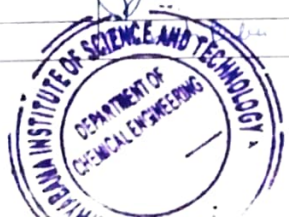
29	KAMNA TIWARI	13SCH340	Chemical					
30	KAUSHIK ANAND	13SCH132	Chemical					
31	KEERTHANA.K	13SCH605	Chemical					
32	KHIZER AHMED M	13SCH133	Chemical					
33	KUSHAGRA GARG	13SCH174	Chemical					
34	LINET JACOB	13SCH135	Chemical					
35	MAMTA KUMARI	13SCH337	Chemical					
36	MONOSWITA SAIKIA	13SCH318	Chemical					
37	NIVETHA.S	13SCH319	Chemical					
38	PALLAVI KUMARI	13SCH339	Chemical					
39	PARIBRITA DEB	13SCH336	Chemical					
40	PARTHA PRATIM BARMAN	13SCH142	Chemical					
41	PRAYASHI PHUKAN	13SCH321	Chemical					
42	PRISCILLA NISHI.J	13SCH322	Chemical					
43	PRIYANKA.R	13SCH323	Chemical					
44	RAHUL.K.S	13SCH145	Chemical					
45	RAKESH KUMAR BHARADWAJ	13SCH160	Chemical					

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF CHEMICAL ENGINEERING

46	REVANTH.V	13SCH175	Chemical	Revanth	Revanth	Revanth	Revanth	Revanth
47	RISA GOGOI	13SCH503	Chemical	Risa	Risa	Risa	Risa	Risa
48	SAMSON SUNNY	13SCH149	Chemical					
49	SAMUEL CHRISTOPHER.S	13SCH150	Chemical	Samuel	Samuel	Samuel	Samuel	Samuel
50	SREYA MARIYA SEBY	13SCH342	Chemical					
51	SRUTHI S	13SCH324	Chemical	Sruthi	Sruthi	Sruthi	Sruthi	Sruthi
52	SUBHANGINI JHA	13SCH325	Chemical					
53	SUBI NATH	13SCH341	Chemical	Subi	Subi	Subi	Subi	Subi
54	SURAJ.R	13SCH155	Chemical	Suraj	Suraj	Suraj	Suraj	Suraj
55	SUSHMA CHOWDARY GOLI	13SCH326	Chemical	Sushma	Sushma	Sushma	Sushma	A
56	SWETHA.R	13SCH327	Chemical	Swetha	Swetha	Swetha	Swetha	Swetha
57	TANIYA GHOSH	13SCH328	Chemical					
58	THASLEEM PARVEEN.M	13SCH329	Chemical	Thasleen	Thasleen	Thasleen	Thasleen	Thasleen
59	VIKRAM.S	13SCH502	Chemical	Vikram	Vikram	Vikram	Vikram	Vikram
60	YAMANI VINEETH	13SCH158	Chemical					
61	ABDULLAH A R	14SCH102	Chemical	Abdullah	Abdullah	Abdullah	Abdullah	Abdullah
62	ADITHYA ASHOKAN	14SCH326	Chemical	ADITHYA	ADITHYA	ADITHYA	ADITHYA	ADITHYA
63	AKASH R	14SCH105	Chemical	Akash	Akash	Akash	Akash	Akash



64	ALIF SHAJI	14SCH106	Chemical					
65	ANSU C BABUKUTTY	14SCH302	Chemical					
66	ARUN BALAJI M	14SCH108	Chemical					
67	ARUN VIVANENDRAN	14SCH109	Chemical					
68	ASIF AHMED	14SCH173	Chemical					
69	AYYAMPERUMAL M	14SCH111	Chemical					
70	BARU CHANDRA KIRAN	14SCH113	Chemical					
71	BASIT ISMAIL GILANI	14SCH182	Chemical					
72	DEVAVARDHAN J	14SCH116	Chemical					
73	DHANALAKSHMI K	14SCH323	Chemical					
74	DINESH BABU V	14SCH117	Chemical					



	R							
75	FARIS RAHMAN P V	14SCH118	Chemical	Faris. R	Faris. R	Faris. R	Faris. R	Faris. R

Course coordinator

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
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SCHOOL OF BIO AND CHEMICAL ENGINEERING

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LIST OF PARTICIPANTS

S.No	Name	Roll No	Department	Day1	Day 2	Day3	Day 4	Day 5
1	AARTHI KANNAN	15SCH801	Chemical					
2	ABDUL RAHMAN. N	15SCH501	Chemical					
3	ABHINAVU ANTONY	15SCH502	Chemical					
4	ABRAAR AHMEDH. A	15SCH503	Chemical					
5	ABU BAKKAR SIDDIQ. P	15SCH504	Chemical					
6	ADITH. S. KUMAR	15SCH505	Chemical					
7	AJIL FRANCIS	15SCH506	Chemical					
8	AKASH PRITHIV. T	15SCH508	Chemical					
9	ANAND. S	15SCH509	Chemical					
10	ANGELINE DAISY PREETHI. R.C	15SCH802	Chemical					
11	ARCHANA. U	15SCH803	Chemical					
12	BALAJI. G	15SCH101	Chemical					

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF CHEMICAL ENGINEERING

13	BALASUBRAMANIAM. S.J	15SCH538	Chemical	S J BALA	S J BALA	S J BALA	S J BALA	S J BALA
14	DEEPIKA. S	15SCH804	Chemical	DEEPIKA S	DEEPIKA S	DEEPIKA.	DEEPIKA	DEEPIKA
15	EARNEST MARSHAL. P	15SCH510	Chemical	Earnest	Earnest	Earnest	Earnest	Earnest.
16	GEORGE PHILIP	15SCH511	Chemical	Philipt	Philipt	Philipt	Philipt	Philipt
17	GUHAN. R	15SCH951	Chemical	Guhan R	Guhan R	Guhan R	Guhan R	Guhan R
18	HARISH. S	15SCH512	Chemical	Harish S	Harish S	Harish S	Harish S	Harish S
19	HARI RASWANTH. R.S	15SCH537	Chemical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	JAYAPRAVEEN. G	15SCH513	Chemical	Jayap	Jayap	Jayap	Jayap	Jayap
21	JESTO TOM THOMAS	15SCH514	Chemical	Thomas	Thomas	A	Thomas	Thomas
22	JOE TERRY VAIZ. J	15SCH515	Chemical	JCE	JCE	JCE	JCE	JCE
23	JOSEPH KAPPEN		Chemical	Joseph K	Joseph K	Joseph K	Joseph K	Joseph K
24	KAMALNATH. V	15SCH547	Chemical	Kamalnath	Kamalnath	Kamalnath	Kamalnath	Kamalnath
25	MANDA SESANK SRINIVAS	15SCH102	Chemical	MANDA	MANDA	MANDA	MANDA	MANDA
26	MANOJ KUMAR. M	15SCH519	Chemical	K	K	K	K	K
27	MANOJ KUMAR. N	15SCH906	Chemical	Manoj K	Manoj K	Manoj K	Manoj K	Manoj K
28	MEKALA. G	15SCH952	Chemical	Mekala G	Mekala G	Mekala G	Mekala G	Mekala G
29	MOHAMMED AYUB. A	15SCH520	Chemical	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed

SAINTGITS INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF CHEMICAL ENGINEERING

30	MOHAMED HABBAR. S	15SCH521	Chemical					
31	MONISH PRASAD	15SCH904	Chemical					
32	MUKESH JAYABAL SENGUNTHER	15SCH523	Chemical					
33	MUTHU. S. SOMESH	15SCH524	Chemical					
34	NAGOLI ANIRUDH	15SCH103	Chemical					
35	NANDIRAJU SAI KALYAN	15SCH525	Chemical					
36	NARESHKUMAR. M	15SCH542	Chemical					
37	NAVEEN. S.S	15SCH106	Chemical					
38	NAVEEN PRASATH. L	15SCH543	Chemical					
39	NIHAL KASHYAP	15SCH546	Chemical					
40	NIRANJAN. M	15SCH526	Chemical					
41	NOYAL ABEY	15SCH104	Chemical					
42	PEER THOWHEEM KHAN. Z	15SCH527	Chemical					
43	PRASANNA KUMAR. G	15SCH528	Chemical					
44	PURNA PUSHKALA. S	15SCH806	Chemical					
45	RAHUL. R	15SCH529	Chemical					
46	RESHMAA	15SCH105	Chemical					

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
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	BALASUBRAMANIAN							
47	RITU RAJ SINGH	15SCH545	Chemical					
48	ROHAN. M	15SCH901	Chemical					
49	SABARI NATHAN. S	15SCH540	Chemical					
50	SANGEETH. A	15SCH531	Chemical					
51	SANTHOSHI. R	15SCH808	Chemical					
52	SENTHILVELAN. K	15SCH902	Chemical					
53	SUBHAJIT TALUKDAR	15SCH903	Chemical					
54	SUNDAR. I	15SCH544	Chemical					
55	SURENDHAR. V.R	15SCH535	Chemical					
56	SURYA. D	15SCH536	Chemical					
57	THEJESH	15SCH541	Chemical					
58	TRINEESHIA JOSELET	15SCH809	Chemical					
59	VEDAVARSHITHA. M	15SCH811	Chemical					
60	YAZHINI RAMANI	15SCH812	Chemical					
61	SRUTHI GOVINDARAJAN	15SLCH701	Chemical					

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
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1	DHANUSHKODI K	17CH002	Chemical	P	P	A	P	P
2	ABIMANYU	17SCH502	Chemical	P	P	P	P	P
3	ABU SAMAQUE	17SCH503	Chemical	P	P	P	P	P
4	THOM JERVISE	17SCH522	Chemical	P	P	P	P	P
5	AKASH.J	17SCH505	Chemical	P	P	P	P	A
6	ALFIN ROMERIO	17SCH805	Chemical	A	P	P	P	P
7	ALI ABBAS	17SCH001	Chemical	P	P	P	P	P
8	ANAND	17SCH506	Chemical	P	P	P	P	P
9	ANAND	17SCH006	Chemical	P	P	P	P	P
10	ANJALI PRASAD	17SCH507	Chemical	P	P	P	P	P
11	ANNA DOMINIC	17SCH508	Chemical	P	P	P	P	P

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF CHEMICAL ENGINEERING

12	ASWIN.M.NAIR	17SCH509	Chemical	P	P	P	P	P
13	AZEEMUDDIN	17SCH002	Chemical	P	P	P	A	P
14	BALARAM	17SCH510	Chemical	P	P	P	P	P
15	VETRIVEL	17SCH529	Chemical	P	P	P	P	P
16	CHAYANIKA DAS	17SCH801	Chemical	P	P	P	P	P
17	CRISPIN	17SCH524	Chemical	P	P	P	P	P
18	DEEPAN RAAJ	17SCH512	Chemical	P	P	P	P	P
19	DEVAPRIYA	17SCH901	Chemical	P	P	P	P	P
20	GIRITHARAN	17SCH902	Chemical	P	P	P	P	P
21	GOVARTHINI	17SCH526	Chemical	P	P	A	P	P
22	HARIHARAN	17SCH513	Chemical	P	P	P	P	P
23	JACK RICHARDS	17SCH514	Chemical	P	P	P	P	P
24	KARPAGAM	17SCH515	Chemical	P	P	P	P	P
25	SRUTHI	17JANCH001	Chemical	P	P	P	P	P
26	MEHITHAN	17SCH525	Chemical	P	P	P	P	P
27	MOHAMED ASIQ	17SCH517	Chemical	A	P	P	P	P
28	NIKHIL KUMAR	17SCH005	Chemical	P	P	P	P	P
29	NIKIZHL	17SCH804	Chemical	P	P	P	P	P
30	PARRI SAI	17SCH518	Chemical	P	P	P	P	P

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF CHEMICAL ENGINEERING

	VAIBHAV							
31	PREM	17SCH527	Chemical	P	P	P	P	P
32	RAKHIL	17SCH802	Chemical	P	P	P	P	P
33	RIZWAN KHAN	17SCH806	Chemical	P	P	P	P	P
34	YOGESHWARAN	17SCH523	Chemical	P	P	P	P	P
35	SAI KUMAR	17SCH520	Chemical	P	P	A	P	P
36	SATHISH D	17JANCH006	Chemical	P	P	P	P	P
37	SHAWANI SHOME	17SCH007	Chemical	P	P	P	P	P
38	SHIVAM SHEKHAR	17SCH807	Chemical	P	P	P	P	P
39	SUVISH	17SCH803	Chemical	P	P	P	P	P
40	SWETHA	17SCH528	Chemical	P	P	P	P	P

Course coordinator

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3	ABU SAMAQUE	17SCH503	Chemical	P	P	P	P	P
4	THOM JERVISE	17SCH522	Chemical	P	P	P	P	P
5	AKASH.J	17SCH505	Chemical	P	P	P	P	A
6	ALFIN ROMERIO	17SCH805	Chemical	A	P	P	P	P
7	ALI ABBAS	17SCH001	Chemical	P	P	P	P	P
8	ANAND	17SCH506	Chemical	P	P	P	P	P
9	ANAND	17SCH006	Chemical	P	P	P	P	P
10	ANJALI PRASAD	17SCH507	Chemical	P	P	P	P	P
11	ANNA DOMINIC	17SCH508	Chemical	P	P	P	P	P

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12	ASWIN.M.NAIR	17SCH509	Chemical	P	P	P	P	P
13	AZEEMUDDIN	17SCH002	Chemical	P	P	P	A	P
14	BALARAM	17SCH510	Chemical	P	P	P	P	P
15	VETRIVEL	17SCH529	Chemical	P	P	P	P	P
16	CHAYANIKA DAS	17SCH801	Chemical	P	P	P	P	P
17	CRISPIN	17SCH524	Chemical	P	P	P	P	P
18	DEEPAN RAAJ	17SCH512	Chemical	P	P	P	P	P
19	DEVAPRIYA	17SCH901	Chemical	P	P	P	P	P
20	GIRITHARAN	17SCH902	Chemical	P	P	P	P	P
21	GOVARTHINI	17SCH526	Chemical	P	P	A	P	P
22	HARIHARAN	17SCH513	Chemical	P	P	P	P	P
23	JACK RICHARDS	17SCH514	Chemical	P	P	P	P	P
24	KARPAGAM	17SCH515	Chemical	P	P	P	P	P
25	SRUTHI	17JANCH001	Chemical	P	P	P	P	P
26	MEHITHAN	17SCH525	Chemical	P	P	P	P	P
27	MOHAMED ASIQ	17SCH517	Chemical	A	P	P	P	P
28	NIKHIL KUMAR	17SCH005	Chemical	P	P	P	P	P
29	NIKIZHL	17SCH804	Chemical	P	P	P	P	P
30	PARRI SAI	17SCH518	Chemical	P	P	P	P	P

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31	PREM	17SCH527	Chemical	P	P	P	P	P
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33	RIZWAN KHAN	17SCH806	Chemical	P	P	P	P	P
34	YOGESHWARAN	17SCH523	Chemical	P	P	P	P	P
35	SAI KUMAR	17SCH520	Chemical	P	P	A	P	P
36	SATHISH D	17JANCH006	Chemical	P	P	P	P	P
37	SHAWANI SHOME	17SCH007	Chemical	P	P	P	P	P
38	SHIVAM SHEKHAR	17SCH807	Chemical	P	P	P	P	P
39	SUVISH	17SCH803	Chemical	P	P	P	P	P
40	SWETHA	17SCH528	Chemical	P	P	P	P	P

Course coordinator

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DEPARTMENT OF CHEMICAL ENGINEERING

SCHOOL OF BIO AND CHEMICAL ENGINEERING

Aptitude And Computer Coding Online Training

LIST OF PARTICIPANTS

S.No	Name	Roll No	Department	Day1	Day 2	Day3	Day 4	Day 5
1	ANFAS ROSHAN. P	18SCH5001	Chemical	P	P	A	P	P
2	ARAVIND ANILKUMAR MUTTATHIL	18SCH5002	Chemical	P	P	P	P	P
3	GANNI BILVIK SRI SAI CHANDU	18SCH1001	Chemical	P	P	P	P	P
4	Devan	18SCH5004	Chemical	P	P	P	P	P
5	NAKKEERAN. M	18SCH5017	Chemical	P	P	P	P	P
6	POOVARASAN. S . R	18SCH9002	Chemical	P	P	P	P	P
7	RASHEEQA. M	1822801	Chemical	P	P	P	P	P
8	RUBESH. R	18SCH5005	Chemical	P	P	P	P	P
9	SHAIKH MOHD SALIM NOOMAN	18SCH1002	Chemical	P	P	P	P	P

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	AHMED							
10	SHANNON STALIN. S	18SCH5007	Chemical	P	P	P	A	P
11	SHEETAL CHANDRASEKARAN	18SCH9001	Chemical	P	P	P	P	P
12	VISHAL. B	18SCH5013	Chemical	P	P	P	P	P
13	AJITH KUMAR.G S	18JUNCH002	Chemical	P	P	P	P	P
14	KUMARAN T	18JUNCH014	Chemical	P	P	P	P	P
15	LOGESH.S	18JUNCH008	Chemical	A	P	P	P	P
16	MOHAMMED ANSARE	18JUNCH009	Chemical	P	P	P	P	P
17	MOHANRAJ.P	18JUNCH018	Chemical	P	P	P	P	P
18	MUGESH J	18JUNCH020	Chemical	P	P	P	P	P
19	RAJU C	18JUNCH019	Chemical	P	P	P	P	P
20	SRIKANTH.G	18JUNCH003	Chemical	P	P	P	P	P
21	YOGESHWARI R	18JUNCH007	Chemical	P	P	P	P	P
22	CHANDHAN C	19P69019	Chemical	P	P	P	P	P
23	KATHIRAVAN	19P69004	Chemical	P	P	P	P	P
24	LENINLAL P	19P69005	Chemical	P	P	A	P	P
25	MANIKANDAN A	19P69006	Chemical	P	P	P	P	P

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26	NAGUR BHASHA SHAIK	19P69007	Chemical	P	P	P	P	P
27	PALANISAMY C	19P69008	Chemical	P	P	P	P	P
28	PRABAKARAN	19P69009	Chemical	P	P	P	P	P
29	PRASENJIT GUCHHAI T	19P69010	Chemical	A	P	P	P	P
30	T RAJESH	19P69021	Chemical	P	P	P	P	P
31	SANDEEP O S	19P69013	Chemical	P	P	P	P	P
32	SANTHANAM	19P69014	Chemical	P	P	P	P	P
33	SELVAKUMAR R	19P69015	Chemical	P	P	P	P	P
34	SUDHAKAR	19P69016	Chemical	P	P	P	P	P
35	THIRUGNANAM.M	19P69017	Chemical	P	P	P	P	P
36	VIGNESH P	19P69018	Chemical	P	P	A	P	P
37	VISHNU PRASAD	19P69022	Chemical	P	P	P	P	P
38	RADHA SRI KRISHNA	19P69023	Chemical	P	P	P	P	P
39	THYGARAJAN	19P69024	Chemical	P	P	P	P	P

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Course coordinator

HOD(CHEM)

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MOHANRAJ P

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"APTITUDE AND COMPUTER CODING ONLINE TRAINING "** on **"15-07-2021 to 10-08-2021"** organized by Department of Chemical Engineering , School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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PRO VICE CHANCELLOR

COURSE COORDINATOR

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INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

ACCREDITED WITH GRADE "A" BY NAAC 12B STATUS BY UGC APPROVED BY AICTE

QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001:2015

CERTIFICATE

OF COMPLETION

This is to certify

CHANDHAN C

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"APTITUDE AND COMPUTER CODING ONLINE TRAINING "** on **"15-07-2021 to 10-08-2021"** organized by Department of Chemical Engineering , School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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LENINLAL P

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"APTITUDE AND COMPUTER CODING ONLINE TRAINING "** on **"15-07-2021 to 10-08-2021"** organized by Department of Chemical Engineering , School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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This is to certify

MANIKANDAN A

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"APTITUDE AND COMPUTER CODING ONLINE TRAINING "** on **"15-07-2021 to 10-08-2021"** organized by Department of Chemical Engineering , School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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LOGESH S

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SHEETAL C

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This is to certify

RAJESH T

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"APTITUDE AND COMPUTER CODING ONLINE TRAINING "** on **"15-07-2021 to 10-08-2021"** organized by Department of Chemical Engineering , School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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OF COMPLETION

This is to certify

VIGNESH P

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"APTITUDE AND COMPUTER CODING ONLINE TRAINING "** on **"15-07-2021 to 10-08-2021"** organized by Department of Chemical Engineering , School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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This is to certify

SUDHAKAR

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"APTITUDE AND COMPUTER CODING ONLINE TRAINING "** on **"15-07-2021 to 10-08-2021"** organized by Department of Chemical Engineering , School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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SANDEEP O S

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SELVAKUMAR R

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"APTITUDE AND COMPUTER CODING ONLINE TRAINING "** on **"15-07-2021 to 10-08-2021"** organized by Department of Chemical Engineering , School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

IN ASSOCIATION WITH

CENTRE FOR WASTE MANAGEMENT

VALUE ADDED COURSE ON

BIOMASS CONVERSION AND BIOREFINERY

FROM

07-09- 2020

TO

30-09-2020

Course Coordinator

Dr.S. Sathish – Associate Professor and Head, Department of Chemical Engineering, Sathyabama Institute of Science and Technology

For registration:
https://docs.google.com/forms/d/1wOAmqojQhXUuNonafLNsP4F_YtqbMFXf9CCuaa1ySIw/edit

For Queries contact: chemicalhod@sathyabama.ac.in

Objective of this course:

To develop necessary skills to design appropriate biomass based fractionation technique as per the need.

Course Outcomes:

1. Learnthe overview of world energy situation, and refinery and bio-refineryconcept techno-economic analysis of various biofuel conversion technologies and their environmental attributes
2. Apply energy balances, and thermodynamics in biomass conversion
3. Understand unit processes/operations involved in biofuel/bioenergy production
4. Develop experimental plan and conduct lab works pertinent to biofuel production
5. Develop conceptual design of a biorefinery plant.
6. Design major unit processes/operations of an integrated biorefinery

Module	Topics	Name of the Faculty	No of Sessions	Platform
1	Introduction - World energy scenario, consumption pattern, fossil fuel depletion and environmental issues Biorefinery - Basic concept, types of biorefineries, biorefinery feedstocks and properties	Dr.S.Sathish	6 hr	Zoom
2	Biomass Conversion - Types, fundamentals, equipments and applications; thermal conversion products, microbial conversion Process	Dr.Arun	6 hr	Zoom
3	Biodiesel - Diesel from vegetable oils, microalgae and syngas; transesterification; FT process, catalysts; biodiesel purification, fuel properties. Pilot plant Case studies	Dr.S.S.Dawn	6hr	Zoom
4	Biofuel – Bioethanol, Biohydrogen, methanol, Corn ethanol, lignocellulosic ethanol,microorganismsfor fermentation, current industrial ethanol production technology,	Dr.J.Aravind kumar	6hr	Zoom
5	Integrated Biorefinery: Concept,corn/soybean/sugarcane	Dr.S.S.Dawn/Dr.J.Arun	6hr	Zoom

	biorefinery,lignocellulosic biorefinery, aquaculture and algal biorefinery, waste biorefinery, hybrid chemical and biological conversion processes, techno- economic evaluation, life-cycle assessment			
6	Assessment	Dr.S.Sathish/Dr.J.Aravind	1hr	LMS Quiz

Vision

We empower the student community to maximize their potential for the development and transfer of technical competence in the field of Chemical Engineering through academic and research excellence extending service to the mankind.

Mission

M1: To produce socially responsible chemical engineers of high academic pursuit who will contribute to challenges and improvement of process industries worldwide.

M2: To excel in research with an in-depth knowledge of core principles for providing solutions in process industries.

M3: To enhance the experienced learning in collaboration with esteemed National and International Institutes/ Universities/ Industries.

M4: To develop sustainable solutions for the societal needs.

PROGRAM EDUCATIONAL OBJECTIVES

PEO1: Excellence in Career: Compete globally with strong domain knowledge, updated with modern technology to provide effective solutions for engineering problems.

PEO2: Professional Expertise: Design of plants and process equipment's with research attitude, lifelong learning, investigative approach and multidisciplinary thinking.

PEO3: Exercising leadership: Exhibit strong managerial and communication skills to work efficiently as individual as well as in teams.

PEO4: Societal Contribution: Succeed as an entrepreneur and as environmental developer/consultant to solve the practical problems.

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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

IN ASSOCIATION WITH

CENTRE FOR WASTE MANAGEMENT

VALUE ADDED COURSE ON

BIOMASS CONVERSION AND BIOREFINERY

FROM

06-09- 2021

TO

30-09-2021

Course Coordinator

Dr.S. Sathish – Associate Professor and Head, Department of Chemical Engineering, Sathyabama Institute of Science and Technology

For registration:
https://docs.google.com/forms/d/1wOAmqojQhXUuNonafLNsP4F_YtqbMFXf9CCuaa1ySIw/edit

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4. Develop experimental plan and conduct lab works pertinent to biofuel production
5. Develop conceptual design of a biorefinery plant.
6. Design major unit processes/operations of an integrated biorefinery

Module	Topics	Course Coordinator	No of Sessions	Platform
1	**Introduction -** World energy scenario, consumption pattern, fossil fuel depletion and environmental issues **Biorefinery** - Basic concept, types of biorefineries, biorefinery feedstocks and properties	**Dr.S.Sathish**	**6 hr**	**Zoom**
2	**Biomass Conversion -** Types, fundamentals, equipments and applications; thermal conversion products, microbial conversion Process	**Dr.Arun**	**6 hr**	**Zoom**
3	**Biodiesel -** Diesel from vegetable oils, microalgae and syngas; transesterification; FT process, catalysts; biodiesel purification, fuel properties. Pilot plant Case studies	**Dr.S.S.Dawn**	**6hr**	**Zoom**
4	**Biofuel –** Bioethanol, Biohydrogen, methanol, Corn ethanol, lignocellulosic ethanol,microorganisms for fermentation, current industrial ethanol production technology,	**Dr.S.Sathish**	**6hr**	**Zoom**
5	**Integrated Biorefinery**: Concept, corn/soybean/sugarcane	**Dr.S.S.Dawn/Dr.J.Arun**	**6hr**	**Zoom**

	biorefinery,lignocellulosic biorefinery, aquaculture and algal biorefinery, waste biorefinery, hybrid chemical and biological conversion processes, techno- economic evaluation, life-cycle assessment			
6	**Assessment**	**Dr.S.Sathish**	**1hr**	**LMS Quiz**

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PEO3: Exercising leadership: Exhibit strong managerial and communication skills to work efficiently as individual as well as in teams.

PEO4: Societal Contribution: Succeed as an entrepreneur and as environmental developer/consultant to solve the practical problems.

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF CHEMICAL ENGINEERING

SCHOOL OF BIO AND CHEMICAL ENGINEERING

Biomass Conversion and Biorefinery

LIST OF PARTICIPANTS

S.No	Name	Roll No	Department	Day1	Day 2	Day3	Day 4	Day 5
1.	ANFAS ROSHAN. P	18SCH5001	Chemical	✓	✓	✓	a	✓
2.	ARAVIND ANILKUMAR MUTTATHIL	18SCH5002	Chemical	✓	✓	✓	✓	✓
3.	GANNI BILVIK SRI SAI CHANDU	18SCH1001	Chemical	✓	✓	✓	✓	✓
4.	GOWRI SHANKAR. M	18SCH5012	Chemical	✓	✓	✓	✓	✓
5.	KARTHIKA. M	18SCH5003	Chemical	✓	✓	✓	✓	a
6.	KARTHIK RAJA. S	18SCH5016	Chemical	✓	✓	✓	✓	✓
7.	ANFAS ROSHAN. P	18SCH5001	Chemical	✓	✓	✓	✓	✓
8.	MOHAMED ASIQ	17SCH517	Chemical	✓	✓	✓	✓	✓
9.	NIKHIL KUMAR	17SCH005	Chemical	✓	✓	✓	✓	✓

	NIKIZHL	17SCH804	Chemical	✓	a	✓	✓	✓
11.	ABDUL RAHMAN MARICAR	17SCH501	Chemical	✓	✓	✓	✓	✓
12.	ABIMANYU	17SCH502	Chemical	✓	✓	✓	✓	✓
13.	ABU SAMAQUE	17SCH503	Chemical	✓	✓	✓	✓	✓
14.	AISHWARYA BHAVANI	17SCH504	Chemical	✓	✓	✓	✓	✓
15.	AKASH.J	17SCH505	Chemical	✓	✓	✓	✓	✓
16.	ALFIN ROMERIO	17SCH805	Chemical	✓	✓	a	✓	✓
17.	ALI ABBAS	17SCH001	Chemical	✓	✓	✓	✓	✓
18.	ANAND	17SCH506	Chemical	✓	✓	✓	a	✓
19.	ANAND	17SCH006	Chemical	✓	✓	✓	✓	✓
20.	ANJALI PRASAD	17SCH507	Chemical	✓	✓	✓	✓	✓
21.	ANNA DOMINIC	17SCH508	Chemical	✓	✓	✓	✓	✓
22.	ASWIN.M.NAIR	17SCH509	Chemical	✓	✓	✓	✓	✓
23.	AZEEMUDDIN	17SCH002	Chemical	✓	✓	✓	✓	✓
24.	BALARAM	17SCH510	Chemical	✓	✓	✓	✓	✓
25.	BETHAPUDI SANTHOSH NAIDU	17SCH003	Chemical	✓	✓	✓	✓	✓
26.	CHAYANIKA DAS	17SCH801	Chemical	✓	✓	✓	✓	✓

DEPARTMENT OF CHEMICAL ENGINEERING

	CRISPIN	17SCH524	Chemical	✓	✓	✓	✓	✓
28.	DEEPAN RAAJ	17SCH512	Chemical	a	✓	✓	✓	✓
29.	DEVAPRIYA	17SCH901	Chemical	✓	✓	✓	✓	✓
30.	GIRITHARAN	17SCH902	Chemical	✓	✓	✓	✓	✓
31.	GOVARTHINI	17SCH526	Chemical	✓	✓	✓	✓	✓
32.	HARIHARAN	17SCH513	Chemical	✓	✓	✓	✓	a
33.	JACK RICHARDS	17SCH514	Chemical	✓	✓	✓	✓	✓
34.	KARPAGAM	17SCH515	Chemical	✓	✓	✓	✓	✓
35.	KARRI RAMA KRISHNA REDDY	17SCH004	Chemical	✓	✓	✓	✓	✓
36.	MEHITHAN	17SCH525	Chemical	✓	✓	✓	✓	✓
37.	MOHAMED ASIQ	17SCH517	Chemical	✓	✓	✓	✓	✓
38.	NIKHIL KUMAR	17SCH005	Chemical	✓	a	✓	✓	✓
39.	NIKIZHL	17SCH804	Chemical	✓	✓	✓	✓	✓
40.	PARRI SAI VAIBHAV	17SCH518	Chemical	✓	✓	✓	a	✓
41.	PREM	17SCH527	Chemical	✓	✓	✓	✓	✓
42.	RAKHIL	17SCH802	Chemical	✓	✓	✓	✓	✓
43.	RIZWAN KHAN	17SCH806	Chemical	✓	✓	✓	✓	✓
44.	ROHIN RAJENDRAN	17SCH519	Chemical	✓	✓	✓	✓	✓

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DEPARTMENT OF CHEMICAL ENGINEERING

45.	SAI KUMAR	17SCH520	Chemical					
46.	SHAIK MOHAMMED FAZEEL	17SCH521	Chemical					
47.	SHAWANI SHOME	17SCH007	Chemical					

Course coordinator

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DEPARTMENT OF CHEMICAL ENGINEERING

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Chennai - 600 119

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF CHEMICAL ENGINEERING

SCHOOL OF BIO AND CHEMICAL ENGINEERING

Biomass Conversion and Biorefinery

LIST OF PARTICIPANTS

S.No	Name	Roll No	Department	Day1	Day 2	Day3	Day 4	Day 5
1.	ADHILIMAM .M .N	19S195001	Chemical					
2.	ARUN K.G	19S195002	Chemical					
3.	DHISHON FRANKLIN. F	19S198001	Chemical					
4.	GAYATHRI .S	19S195003	Chemical					
5.	GODWIN GOPINATHAN	19S195004	Chemical					
6.	GOKUL. V	19S195027	Chemical					
7.	GOPI KRISHNAN. P	19S191002	Chemical					
8.	HARSHVARDHAN RATHORE	19S195005	Chemical					
9.	JAYASURIYA .R	19S191003	Chemical					
10.	JOBIN CHACKO	19S195006	Chemical					

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11.	KAVI AMUDHAN . V	19S195007	Chemical	✓	✓	✓	✓	✓
12.	KOWDHAM . C	19S195008	Chemical	✓	✓	✓	✓	✓
13.	LALITHAMBEGAI. S	19S195009	Chemical	✓	✓	✓	✓	✓
14.	LAXMI KANTH THANGI	19S195029	Chemical	✓	✓	✓	✓	✓
15.	MANIKANDAN .N	19S195030	Chemical	✓	✓	✓	✓	✓
16.	MANIVANNAN U. S	19S195010	Chemical	✓	✓	✓	✓	✓
17.	MARK JOEVIN VINCENT	19S191004	Chemical	✓	✓	✓	✓	✓
18.	MOHAMED IBRAHIM. S	19S195026	Chemical	✓	✓	✓	✓	✓
19.	MOHAMMED IQBAL. A	19S199001	Chemical	✓	✓	✓	✓	✓
20.	NAVDEEP . K.M	19S195011	Chemical	✓	✓	✓	a	✓
21.	NIDAMANURI MANASA	19S191005	Chemical	✓	✓	✓	✓	✓
22.	NITISH .S	19S195012	Chemical	✓	✓	✓	✓	✓
23.	NIVYA .B	19S191001	Chemical	✓	✓	✓	✓	✓
24.	RAGU RAM. N	19S195025	Chemical			✓	✓	✓
25.	RAMKI J	19S195024	Chemical			✓	✓	a

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF CHEMICAL ENGINEERING

26.	RAYAPATI JAYA CHANDRA	19S195028	Chemical	/	/	/	/	/
27.	RISHIKIRAN. A	19S195014	Chemical	/	/	/	/	/
28.	SAKTHIVEL .A	19S195015	Chemical	/	/	/	/	/
29.	SATISH KUMAR .K	19S195016	Chemical	/	/	/	/	/
30.	SHARUKA UTHAYARAJH	19S195017	Chemical	/	/	/	/	/
31.	SIDDHARTH .U	19S195018	Chemical	/	/	/	/	/
32.	SUBASHINI .S.E	19S195019	Chemical	/	/	/	/	/
33.	SURESH .G	19S195023	Chemical	/	/	/	/	/
34.	SURYA KUMAR .R	19S195020	Chemical	/	/	/	/	/
35.	TUMMURI DILEEP RAJA	19S191007	Chemical	/	/	/	/	/

Course coordinator

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JEPPIAAR NAGAR , RAJIV GANDHI SALAI , CHENNAI - 600119

"BIOMASS CONVERSION AND BIOREFINERY"

07-09- 2020 to 30-09-2020

CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT **ANFAS ROSHAN.P** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
Chennai - 119.

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"BIOMASS CONVERSION AND BIOREFINERY"

07-09- 2020 to 30-09-2020

CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT **GOWRI SHANKAR.M** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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"BIOMASS CONVERSION AND BIOREFINERY"

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THIS IS TO CERTIFY THAT **KARTHIKA.M** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **KARTHIK RAJA.S** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **NIKHIL KUMAR** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **MOHAMED ASIQ** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **AKASH J** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **ANAND** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **ALI ABBAS** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **ASHWIN.M.NAIR** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **ANJALI PRASAD** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **CHAYANIKA DAS**OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **ABIMANYU** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **RAKHIL** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **RIZWAN KHAN** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **ROHIN RAJENDRAN** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **SAI KUMAR** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **SHAWANI SHOME** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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THIS IS TO CERTIFY THAT **SHAIK MOHAMMED FAZEEL** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"BIOMASS CONVERSION AND BIOREFINERY"** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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KOWDHAM C

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OF COMPLETION

This is to certify

SURESH G

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"BIOMASS CONVERSION AND BIOREFINERY"** on **"09-09-2021 to 30-09-2021"** organized by Department of Chemical Engineering , School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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KAVI AMUDHAN V

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"BIOMASS CONVERSION AND BIOREFINERY"** on **"09-09-2021 to 30-09-2021"** organized by Department of Chemical Engineering , School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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SUBASHINI S E

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"BIOMASS CONVERSION AND BIOREFINERY"** on **"09-09-2021 to 30-09-2021"** organized by Department of Chemical Engineering , School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

VALUE ADDED COURSE ON

Introduction to mathematical modeling to chemical engineers

FROM

01-02- 2022

TO

04-03-2022

Course Coordinator

Dr D Venkatesan – Associate Professor , Department of Chemical Engineering, Sathyabama Institute of Science and Technology

For registration:
https://docs.google.com/forms/d/1wOAcqojQhmUuQonafLNsP4F_YtqbUFXf9ttuaa1yFuN/edit

For Queries contact: chemicalhod@sathyabama.ac.in

Objective of this course:

To develop necessary skills to design process plant using process simulation software

Course Outcomes:

1. Learn the overview process fundamentals
2. Apply material and energy balance

3. Understand unit processes/operations involved in process industries
4. Develop detailed engineering concept
5. Develop conceptual design of a chemical plant.
6. Design major unit processes/operations of an refinery industries

Module	Topics	Name of the Faculty	No of Sessions	Venue
1	The systematic Analysis of Chemical, Processes, Representation of a Chemical Process in terms of Flow sheet. Scale of Chemical Processes.	**Dr.D Venkatesan**	**6 hr**	**Seminar Hall**
2	Material and Energy balance	**Dr.S Sathish**	**6 hr**	**Seminar Hall**
3	Synthesis of separation systems – separation system design, vapor recovery and gas separation, liquid separation, simple distillation, complex separations – azeotropic distillation, reactive distillation, pressure swing distillation, heat integration, challenges in the design of future separation processes	**Dr.Sanjeet Kumar Singh**	**6hr**	**Seminar Hall**
4	Examples and simulation of mathematical models of chemical engineering systems , introduction, isothermal, constant hold up CSTRs, CSTRs with variable hold, ups, two heated tanks, gas phase pressurized CSTR, non, isothermal CSTR, single component vaporizer, multi, component flash drum, batch reactor,	**Dr. Sanjeet Kumar Singh**	**6hr**	**Seminar Hall**
5	Process Simulation,	**Dr.D Venkatesan**	**6hr**	**Seminar Hall**

	steady state dynamic simulation of simple distillation unit using aspen plus- open loop dynamics and control structure synthesis, closed loop dynamics, introduction to process engineering packages and simulation of simple distillation unit using computer programming, reactor/ separator/ recycle systems, introduction to plant wide control			
6	**Assessment**	**Dr.D Venkatesan**	**1hr**	**LMS Quiz**

Vision

We empower the student community to maximize their potential for the development and transfer of technical competence in the field of Chemical Engineering through academic and research excellence extending service to the mankind.

Mission

M1: To produce socially responsible chemical engineers of high academic pursuit who will contribute to challenges and improvement of process industries worldwide.

M2: To excel in research with an in-depth knowledge of core principles for providing solutions in process industries.

M3: To enhance the experienced learning in collaboration with esteemed National and International Institutes/ Universities/ Industries.

M4: To develop sustainable solutions for the societal needs.

PROGRAM EDUCATIONAL OBJECTIVES

PEO1: Excellence in Career: Compete globally with strong domain knowledge, updated with modern technology to provide effective solutions for engineering problems.

PEO2: Professional Expertise: Design of plants and process equipment's with research attitude, lifelong learning, investigative approach and multidisciplinary thinking.

PEO3: Exercising leadership: Exhibit strong managerial and communication skills to work efficiently as individual as well as in teams.

PEO4: Societal Contribution: Succeed as an entrepreneur and as environmental developer/consultant to solve the practical problems.

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF CHEMICAL ENGINEERING

SCHOOL OF BIO AND CHEMICAL ENGINEERING

Introduction To Mathematical Modelling To Chemical Engineers
LIST OF PARTICIPANTS

S.No	Name	Roll No	Department	Day1	Day 2	Day3	Day 4	Day 5
1	Gayathri .S	19S195003	Chemical	/	/	/	/	/
2	Godwin Gopinathan	19S195004	Chemical	/	a	/	/	/
3	Gokul. V	19S195027	Chemical	/	/	/	/	/
4	Gopi Krishnan. P	19S191002	Chemical	/	/	/	/	/
5	Manikandan .N	19S195030	Chemical	/	/	/	/	/
6	Manivannan U. S	19S195010	Chemical	/	/	/	/	/
7	Mark Joevin Vincent	19S191004	Chemical	/	/	/	/	/
8	Mohamed Ibrahim. S	19S195026	Chemical	/	/	/	/	/
9	Mohammed Iqbal. A	19S199001	Chemical	/	/	/	a	/
10	Navdeep . K.M	19S195011	Chemical	/	/	/	/	/
11	Nidamanuri Manasa	19S191005	Chemical	/	/	/	/	/
12	Nitish .S	19S195012	Chemical	/	/	/	/	/
13	Ragu Ram. N	19S195025	Chemical	/	/	/	/	/

SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY
DEPARTMENT OF CHEMICAL ENGINEERING

14	Ramki .J	19S195024	Chemical	/	/	/	/	a
15	Rayapati Jaya Chandra	19S195028	Chemical	a	/	/	/	/
16	Rishikiran. A	19S195014	Chemical	/	/	/	/	/
17	Sakthivel .A	19S195015	Chemical	/	/	/	/	/
18	Satish Kumar .K	19S195016	Chemical	/	/	/	/	/
19	Siddharth .U	19S195018	Chemical	/	/	/	/	/
20	Ankit Mylarapu	20S195010	Chemical	/	/	a	/	/
21	Arun	20S195016	Chemical	/	/	/	/	/
22	Chirag	20S195019	Chemical	/	/	/	/	/
23	Christila Fernando	20S195024	Chemical	/	/	/	/	/
24	Dhanush Kodi	20s195002	Chemical	/	/	/	/	/
25	Gade Divyanjali	20S195026	Chemical	/	/	/	/	/
26	Kartheesh	20s195009	Chemical	/	/	/	/	/
27	Lokesh Kumar	20s195018	Chemical	/	/	/	/	/
28	Madhan	20S195007	Chemical	/	/	/	/	/
29	Malikal Mulki	20S195028	Chemical	/	/	/	/	/
30	Muhamed Fadhl	20s195011	Chemical	/	/	/	/	/
31	Naveen Prasath	20s195027	Chemical	/	/	/	/	/
32	Nithish	20S195022	Chemical	/	/	/	/	/
33	Pavi Namruthaa	20S195005	Chemical	/	/	/	/	/
34	Prithivirajan	20S195014	Chemical	/	/	/	/	/
35	Raaja Veerappan	20S195006	Chemical	/	/	/	/	/

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36	Rajeth Raghunath	20s195012	Chemical	/	/	/	/	/
37	Rakshana	20S195008	Chemical	/	/	/	/	/
38	Ramaraja	20S195021	Chemical	/	/	/	/	/
39	Sajin	20s195020	Chemical	/	/	/	/	/

Course coordinator

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF CHEMICAL ENGINEERING

HOD(CHEM)

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SATHYABAMA
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Jeppiaar Nagar, Rajiv Gandhi Salai
Chennai – 600 119

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QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001:2015

CERTIFICATE

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This is to certify

GAYATHRI.S

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"INTRODUCTION TO MATHEMATICAL MODELLING TO CHEMICAL ENGINEERS "** on **"01-02-2022 to 04-03-2022"** organized by Department of Chemical Engineering , School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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SATISH KUMAR.K

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SURYA KUMAR.R

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LAXMI KANTH TANGI

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SIDDHARTH .U

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MANIVANNAN.U.S

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"INTRODUCTION TO MATHEMATICAL MODELLING TO CHEMICAL ENGINEERS "** on **"01-02-2022 to 04-03-2022"** organized by Department of Chemical Engineering , School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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RISHIKIRAN.A

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MOHAMMED IBRAHIM.S

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NIDAMANNURI MANASA

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DHANUSH KODI

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MADHAN

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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

VALUE ADDED COURSE ON

MATLAB FOR NUMERICAL TECHNIQUES

FROM
13/06/2018
TO
09/07/2018

Course Coordinators

1. Dr.S.Sathish - Associate Professor and Head, Department of Chemical Engineering, Sathyabama Institute of Science and Technology
2. Dr.J.Aravindkumar - Asst. Professor, Department of Chemical Engineering, Sathyabama Institute of Science and Technology

For registration:
https://docs.google.com/forms/d/1wOAmqojQhXUuNonafLNsP4F_YtqbMFXf9CCuaa1ySIw/edit
For Queries contact: chemicalhod@sathyabama.ac.in

Objective of this course:

To develop necessary skills to apply MATLAB programming to solve various computational problems.

Course Outcomes:

1. **Learn the basics of MATLAB programming, array operations, loops, execution control etc.**
2. **Understand the errors in numerical computation, truncation errors, Taylor series.**
3. **Understand the basics of numerical differentiation and integration, and available MATLAB functions to solve numerical differentiation and integration.**
4. **Develop the skills required to solve linear and non-linear equations in MATLAB using various methods.**
5. **Learn the basics of regression and interpolation, and use of MATLAB to solve regression analysis and ODE.**
6. **Develop the skills to solve computational problems using MATLAB.**

Module	Topics	Name of the Faculty	No of Sessions	Venue
1	Introduction – Basics of programming using MATLAB, array operations, loops and execution control, scripts and functions, plotting and output.	Dr.S.Sathish	6 hr	Seminar Hall
2	Errors and Approximations - Errors in numerical computation, Truncation errors and Taylor series, round-off errors, iterative methods, step-wise methods and error propagation.	Dr.J.Aravindkumar	6 hr	Seminar Hall
3	Numerical differentiation and Integration- Differentiation in single variable, Higher order differentiation formula, partial differentiation, numerical integration, MATLAB integration functions.	Mr.D.Venkatesan	6hr	Seminar Hall
4	Linear and non-linear equations – Basics, Gauss elimination and back substitution, LU decomposition and partial pivoting, Gauss-Siedel method, non-linear equations in single variable, Newton Raphson method for single and multi variable.	Dr.D.Prabhu	6hr	Seminar Hall
5	Regression and Interpolation – Introduction, linear least squares regression, non-linear and functional regression, interpolation functions in MATLAB, Euler method, Runge-Kutta method for ODE.	Dr.S.Sathish	6hr	Seminar Hall
6	Assessment	Dr.J.Aravindkumar	1hr	Seminar Hall

Vision

We empower the student community to maximize their potential for the development and transfer of technical competence in the field of Chemical Engineering through academic and research excellence extending service to the mankind.

Mission

M1: To produce socially responsible chemical engineers of high academic pursuit who will contribute to challenges and improvement of process industries worldwide.
M2: To excel in research with an in-depth knowledge of core principles for providing solutions in process industries.
M3: To enhance the experienced learning in collaboration with esteemed National and International Institutes/ Universities/ Industries.
M4: To develop sustainable solutions for the societal needs.

PROGRAM EDUCATIONAL OBJECTIVES

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PEO3: Exercising leadership: Exhibit strong managerial and communication skills to work efficiently as individual as well as in teams.
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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

VALUE ADDED COURSE ON

MATLAB FOR NUMERICAL TECHNIQUES

FROM
02/03/2022
TO
31/04/2022

Course Coordinators

1.Dr.Annam Renita – Professor, Department of Chemical Engineering, Sathyabama Institute of Science and Technology

For registration:
https://docs.google.com/forms/d/1wOAmqojQhXUuNonafLNsP4F_YtqbMFXf9CCuaa1ySIw/edit
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4.Develop the skills required to solve linear and non-linear equations in MATLAB using various methods.

5.Learn the basics of regression and interpolation, and use of MATLAB to solve regression analysis and ODE.

6.Develop the skills to solve computational problems using MATLAB.

Module	Topics	Name of the Faculty	No of Sessions	Venue
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2	Errors and Approximations - Errors in numerical computation, Truncation errors and Taylor series, round-off errors, iterative methods, step-wise methods and error propagation.	Dr.Krishnamoorthy	6 hr	Seminar Hall
3	Numerical differentiation and Integration- Differentiation in single variable, Higher order differentiation formula, partial differentiation, numerical integration, MATLAB integration functions.	Dr.D.Venkatesan	6hr	Online
4	Linear and non-linear equations – Basics, Gauss elimination and back substitution, LU decomposition and partial pivoting, Gauss-Siedel method, non-linear equations in single variable, Newton Raphson method for single and multi variable.	Dr.Krishnamoorthy	6hr	Online
5	Regression and Interpolation – Introduction, linear least squares regression, non-linear and functional regression, interpolation functions in MATLAB, Euler method, Runge-Kutta method for ODE.	Dr.S.Sathish	6hr	Online
6	Assessment	Dr Annam Renita	1hr	LMS Quiz

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M3: To enhance the experienced learning in collaboration with esteemed National and International Institutes/ Universities/ Industries.

M4: To develop sustainable solutions for the societal needs.

PROGRAM EDUCATIONAL OBJECTIVES

PEO1: Excellence in Career: Compete globally with strong domain knowledge, updated with modern technology to provide effective solutions for engineering problems.

PEO2: Professional Expertise: Design of plants and process equipment's with research attitude, lifelong learning, investigative approach and multidisciplinary thinking.

PEO3: Exercising leadership: Exhibit strong managerial and communication skills to work efficiently as individual as well as in teams.

PEO4: Societal Contribution: Succeed as an entrepreneur and as environmental developer/consultant to solve the practical problems

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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

VALUE ADDED COURSE ON

MATLAB FOR NUMERICAL TECHNIQUES

FROM
02/03/2022
TO
31/04/2022

Course Coordinators

1.Dr.Annam Renita – Professor, Department of Chemical Engineering, Sathyabama Institute of Science and Technology

For registration:
https://docs.google.com/forms/d/1wOAmqojQhXUuNonafLNsP4F_YtqbMFXf9CCuaa1ySIw/edit
For Queries contact: chemicalhod@sathyabama.ac.in

Objective of this course:

To develop necessary skills to apply MATLAB programming to solve various computational problems.

Course Outcomes:

1.Learn the basics of MATLAB programming, array operations, loops, execution control etc.

2.Understand the errors in numerical computation, truncation errors, Taylor series.

3.Understand the basics of numerical differentiation and integration, and available MATLAB functions to solve numerical differentiation and integration.

4.Develop the skills required to solve linear and non-linear equations in MATLAB using various methods.

5.Learn the basics of regression and interpolation, and use of MATLAB to solve regression analysis and ODE.

6.Develop the skills to solve computational problems using MATLAB.

Module	Topics	Name of the Faculty	No of Sessions	Venue
1	Introduction – Basics of programming using MATLAB, array operations, loops and execution control, scripts and functions, plotting and output.	Dr.S.Sathish	6 hr	Seminar Hall
2	Errors and Approximations - Errors in numerical computation, Truncation errors and Taylor series, round-off errors, iterative methods, step-wise methods and error propagation.	Dr.Krishnamoorthy	6 hr	Seminar Hall
3	Numerical differentiation and Integration- Differentiation in single variable, Higher order differentiation formula, partial differentiation, numerical integration, MATLAB integration functions.	Dr.D.Venkatesan	6hr	Online
4	Linear and non-linear equations – Basics, Gauss elimination and back substitution, LU decomposition and partial pivoting, Gauss-Siedel method, non-linear equations in single variable, Newton Raphson method for single and multi variable.	Dr.Krishnamoorthy	6hr	Online
5	Regression and Interpolation – Introduction, linear least squares regression, non-linear and functional regression, interpolation functions in MATLAB, Euler method, Runge-Kutta method for ODE.	Dr.S.Sathish	6hr	Online
6	Assessment	Dr Annam Renita	1hr	LMS Quiz

Vision

We empower the student community to maximize their potential for the development and transfer of technical competence in the field of Chemical Engineering through academic and research excellence extending service to the mankind.

Mission

M1: To produce socially responsible chemical engineers of high academic pursuit who will contribute to challenges and improvement of process industries worldwide.

M2: To excel in research with an in-depth knowledge of core principles for providing solutions in process industries.

M3: To enhance the experienced learning in collaboration with esteemed National and International Institutes/ Universities/ Industries.

M4: To develop sustainable solutions for the societal needs.

PROGRAM EDUCATIONAL OBJECTIVES

PEO1: Excellence in Career: Compete globally with strong domain knowledge, updated with modern technology to provide effective solutions for engineering problems.

PEO2: Professional Expertise: Design of plants and process equipment's with research attitude, lifelong learning, investigative approach and multidisciplinary thinking.

PEO3: Exercising leadership: Exhibit strong managerial and communication skills to work efficiently as individual as well as in teams.

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SCHOOL OF BIO AND CHEMICAL ENGINEERING

Matlab for Numerical Techniques

LIST OF PARTICIPANTS

S.No	Name	Roll No	Department	Day1	Day 2	Day3	Day 4	Day 5
1.	15SCH801	AARTHI KANNAN	Chemical					
2.	15SCH501	ABDUL RAHMAN. N	Chemical					
3.	15SCH502	ABHINAVU ANTONY	Chemical					
4.	15SCH503	ABRAAR AHMEDH. A	Chemical					
5.	15SCH504	ABU BAKKAR SIDDIQ. P	Chemical					
6.	15SCH505	ADITH. S. KUMAR	Chemical					
7.	15SCH506	AJIL FRANCIS	Chemical					
8.	15SCH508	AKASH PRITHIV. T	Chemical					
9.	15SCH509	ANAND. S	Chemical					
10.	15SCH802	ANGELINE DAISY PREETHI. R.C	Chemical					
11.	15SCH803	ARCHANA. U	Chemical					

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	15SCH101	BALAJI. G	Chemical					
13.	15SCH538	BALASUBRAMANIAM. S.J	Chemical					
14.	15SCH804	DEEPIKA. S	Chemical					
15.	15SCH510	EARNEST MARSHAL. P	Chemical					
16.	15SCH511	GEORGE PHILIP	Chemical					
17.	15SCH951	GUHAN. R	Chemical					
18.	15SCH512	HARISH. S	Chemical					
19.	15SCH537	HARI RASWANTH. R.S	Chemical					
20.	15SCH513	JAYAPRAVEEN. G	Chemical					
21.	15SCH514	JESTO TOM THOMAS	Chemical					
22.	15SCH515	JOE TERRY VAIZ. J	Chemical					
23.		JOSEPH KAPPEN	Chemical					
24.	15SCH547	KAMALNATH. V	Chemical					
25.	15SCH102	MANDA SESANK SRINIVAS	Chemical					
26.	15SCH519	MANOJ KUMAR. M	Chemical					
27.	15SCH906	MANOJ KUMAR. N	Chemical					
28.	15SCH952	MEKALA. G	Chemical					
29.	15SCH520	MOHAMMED AYUB	Chemical					

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		A						
30.	15SCH521	MOHAMED HABBAR. S	Chemical	Mohamed Labbar. S	Mohamed Labbar. S	Mohamed Labbar. S	Mohamed Labbar. S	Mohamed Labbar. S
31.	15SCH904	MONISH PRASAD	Chemical	MONISHPrasad	MONISHPrasad	MONISHPrasad	MONISHPrasad	MONISHPrasad
32.	15SCH523	MUKESH JAYABAL SENGUNTHER	Chemical					
33.	15SCH524	MUTHU. S. SOMESH	Chemical					
34.	15SCH103	NAGOLI ANIRUDH	Chemical					
35.	15SCH525	NANDIRAJU SAI KALYAN	Chemical	Nandi	Nandi	Nandi	Nandi	Nandi
36.	15SCH542	NARESHKUMAR. M	Chemical	Naresh Kumar M	Naresh Kumar M	Naresh Kumar M	Naresh Kumar M	Naresh Kumar M
37.	15SCH106	NAVEEN. S.S	Chemical	Naveen	Naveen	Naveen	Naveen	Naveen.
38.	15SCH543	NAVEEN PRASATH. L	Chemical	Naveenprasath.	Naveenprasath.	Naveenprasath.	Naveenprasath. L	Naveenprasath. L.
39.	15SCH546	NIHAL KASHYAP	Chemical	Nihal. K	Nihal. K	Nihal. K	Nihal. K	Nihal. K
40.	15SCH526	NIRANJAN. M	Chemical	Niranjan	Niranjan	Niranjan	Niranjan	Niranjan
41.	15SCH104	NOYAL ABEY	Chemical	Noyal	Noyal	Noyal	Noyal	Noyal
42.	15SCH527	PEER THOWHEEM KHAN. Z	Chemical	Peer Khan Z	Peer Khan Z	Peer Khan Z	Peer Khan Z	Peer Khan Z
43.	15SCH528	PRASANNA KUMAR. G	Chemical	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna
44.	15SCH806	PURNA PUSHKALA. S	Chemical	Purna P. S	Purna P. S	Purna P. S	Purna PS	Purna PS
45.	15SCH529	RAHUL. R	Chemical	Rahul	Rahul	Rahul	Rahul	Rahul

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46.	15SCH105	RESHMAA BALASUBRAMANIAN	Chemical	Reshmaa B	Reshmaa B	Reshmaa B	Reshmaa B	Reshmaa B
47.	15SCH545	RITU RAJ SINGH	Chemical					
48.	15SCH901	ROHAN. M	Chemical	Rohan	Rohan	Rohan	Rohan	Rohan
49.	15SCH540	SABARI NATHAN. S	Chemical	Sabari	sabari	Sabari	Sabari	Sabari
50.	15SCH531	SANGEETH. A	Chemical	Sangeeth	Sangeeth	Sangeeth	Sangeeth	Sangeeth
51.	15SCH808	SANTHOSHI. R	Chemical	Santhosi	Santhosh	Santhosh	Santhosh	Santhosi
52.	15SCH902	SENTHILVELAN. K	Chemical	Senthilvelan K	Senthilvelan K	Senthilvelan K	Senthilvelan K	Senthilvelan K
53.	15SCH903	SUBHAJIT TALUKDAR	Chemical	Subhajit	subhajit	subhajit	subhajit	subhajit
54.	15SCH544	SUNDAR. I	Chemical	Sundar	Sundar	Sundar	Sundar	Sundar
55.	15SCH535	SURENDHAR. V.R	Chemical	Surendhar	Surendhar	Surendhar	Surendhar	Surendhar
56.	15SCH536	SURYA. D	Chemical	Surya D	Surya D	Surya D	Surya D	Surya D
57.	15SCH541	THEJESH	Chemical	Thejesh	Thejesh	Thejesh	Thejesh	Thejesh
58.	15SCH809	TRINEESHIA JOSELET	Chemical	Trineeshia J	Trineeshia J	Trineeshia J	Trineeshia J	Trineeshia J
59.	15SCH811	VEDAVARSHITHA. M	Chemical					
60.	15SCH812	YAZHINI RAMANI	Chemical	Yazhini Ram	Yazhini Ram	Yazhini Ram	Yazhini Ram	Yazhini Ram
61.	15SCH401	SRUTHI GOVINDARAJAN	Chemical	Sruthi G	Sruthi G	Sruthi G	Sruthi G	Sruthi G
62.	15SLCH701	AMAL MANOHAR	Chemical	Amal	Amal	Amal	Amal	Amal

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LIST OF PARTICIPANTS

S.No	Name	Roll No	Department	Day1	Day 2	Day3	Day 4	Day 5
1	ABDUL RAMEEZ	16SCH001	Chemical					
2	AJI S KUMAR	16SCH802	Chemical					
3	AKASH. T	16SCH527	Chemical					
4	ANANTHA KRISHNAN. S. M	16SCH002	Chemical					
5	AROCKIA RAJ. A	16SCH503	Chemical					
6	AROKYA MICHAEL JENIS. J	16SCH901	Chemical					
7	ARSHAK. A. P	16SCH504	Chemical					
8	ASHWIN KUMAR. D	16SCH506	Chemical					
9	DANIEL ROBINSON. P	16SCH507	Chemical					
10	DINESHKUMAR. S	16SCH525	Chemical					
11	HARIRAJAN. N	16SCH508	Chemical					

12	JOEL THOMAS	16SCH521	Chemical					
13	KARTHIKEYAN. R	16SCH509	Chemical					
14	LISNA JOY	16SCH801	Chemical					
15	MAYURESHWAR DEY	16SCH510	Chemical					
16	MELWIN ROY. C	16SCH511	Chemical					
17	MOHAMED ASLAM	16SCH512	Chemical					
18	MOHAMMED KHALEEL AFSAL	16SCH524	Chemical					
19	MOHANA PRAKASH. R	16SCH513	Chemical					
20	NAFZIN AZEEZ. K	16SCH522	Chemical					
21	NANDU VYSHNAV KASINATH. C	16SCH003	Chemical					
22	PRITHIVIRAJ. V	16SCH514	Chemical					
23	RAJ VIGNESHVAR. A	16SCH515	Chemical					
24	RUTHRAPOOJYA. R	16SCH529	Chemical					
25	SACHIDANANDAN. H	16SCH526	Chemical					
26	SAHIL FAIZI	16SCH528	Chemical					
27	SANTHOSH. A	16SCH516	Chemical					
28	SUGANRAM. S	16SCH517	Chemical					

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29	V A S SAIRAM	16SCH523	Chemical					
30	VETRIVEL. R	16SCH518	Chemical					
31	VIGNESH. V	16SCH519	Chemical					
32	YUVARAJA. T	16SCH520	Chemical					
33	AGNEL DANNY.J	17SLCH701	Chemical					
34	LOURTHU JOHANA.V	16SCH803	Chemical					
35	MARY AKSHAYA M	16SCH804	Chemical					
36	ABDUL RAHMAN MARICAR	17SCH501	Chemical					
37	ABIMANYU	17SCH502	Chemical					
38	ABU SAMAQUE	17SCH503	Chemical					
39	AISHWARYA BHAVANI	17SCH504	Chemical					
40	AKASH.J	17SCH505	Chemical					
41	ALFIN ROMERIO	17SCH805	Chemical					
42	ALI ABBAS	17SCH001	Chemical					
43	ANAND	17SCH506	Chemical					
44	ANAND	17SCH006	Chemical					
45	ANJALI PRASAD	17SCH507	Chemical					
46	ANNA DOMINIC	17SCH508	Chemical					
47	ASWIN.M.NAIR	17SCH509	Chemical					
48	AZEEMUDDIN	17SCH002	Chemical					

49	BALARAM	17SCH510	Chemical					
50	BETHAPUDI SANTHOSH NAIDU	17SCH003	Chemical					
51	CHAYANIKA DAS	17SCH801	Chemical					
52	CRISPIN	17SCH524	Chemical					
53	DEEPAN RAAJ	17SCH512	Chemical					
54	DEVAPRIYA	17SCH901	Chemical					
55	GIRITHARAN	17SCH902	Chemical					
56	GOVARTHINI	17SCH526	Chemical					
57	HARIHARAN	17SCH513	Chemical					
58	JACK RICHARDS	17SCH514	Chemical					
59	KARPAGAM	17SCH515	Chemical					
60	KARRI RAMA KRISHNA REDDY	17SCH004	Chemical					
61	ANFAS ROSHAN. P	18SCH5001	Chemical					
62	ARAVIND ANILKUMAR MUTTATHIL	18SCH5002	Chemical					
63	GANNI BILVIK SRI SAI CHANDU	18SCH1001	Chemical					
64	GOWRI SHANKAR. M	18SCH5012	Chemical					
65	KARTHIKA. M	18SCH5003	Chemical					
66	KARTHIK RAJA. S	18SCH5016	Chemical					
67	Devan	18SCH5004	Chemical					
68	NAKKEERAN. M	18SCH5017	Chemical					
69	POOVARASAN. S . R	18SCH9002	Chemical					
70	RASHEEQA. M	1822801	Chemical					
71	RUBESH. R	18SCH5005	Chemical					

72	SHAIKH MOHD SALIM NOOMAN AHMED	18SCH1002	Chemical					
73	SHANNON STALIN. S	18SCH5007	Chemical					
74	SHEETAL CHANDRASEKARAN	18SCH9001	Chemical					
75	VISHAL. B	18SCH5013	Chemical					

Course coordinator

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Matlab For Numerical Techniques

LIST OF PARTICIPANTS

S.No	Name	Roll No	Department	Day1	Day 2	Day3	Day 4	Day 5
1	Adhilimam .M .N	19S195001	Chemical					
2	Arun K.G	19S195002	Chemical					
3	Dhishon Franklin. F	19S198001	Chemical					
4	Gayathri .S	19S195003	Chemical					
5	Godwin Gopinathan	19S195004	Chemical					
6	Gokul. V	19S195027	Chemical					
7	Gopi Krishnan .P	19S191002	Chemical					
8	Harshvardhan Rathore	19S195005	Chemical					
9	Jayasuriya .R	19S191003	Chemical					
10	Jobin Chacko	19S195006	Chemical					
11	Kavi Amudhan .	19S195007	Chemical					

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	V							
12	Kowdham . C	19S195008	Chemical					
13	Lalithambegai. S	19S195009	Chemical					
14	Laxmi Kanth Thangi	19S195029	Chemical					
15	Manikandan .N	19S195030	Chemical					
16	Manivannan U. S	19S195010	Chemical					
17	Mark Joevin Vincent	19S191004	Chemical		a			
18	Mohamed Ibrahim. S	19S195026	Chemical					
19	Mohammed Iqbal. A	19S199001	Chemical					
20	Navdeep . K.M	19S195011	Chemical					
21	Nidamanuri Manasa	19S191005	Chemical			a		
22	Nitish .S	19S195012	Chemical					
23	Nivya .B	19S191001	Chemical					
24	Ragu Ram. N	19S195025	Chemical					
25	Ramki .J	19S195024	Chemical					
26	Rayapati Jaya Chandra	19S195028	Chemical					

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27	Rishikiran. A	19S195014	Chemical	/	/	/	/	/
28	Sakthivel .A	19S195015	Chemical	/	/	/	/	/
29	Satish Kumar .K	19S195016	Chemical	/	/	/	a	/
30	Siddharth .U	19S195018	Chemical	/	/	/	/	/
31	Ankit Mylarapu	20S195010	Chemical	/	/	/	/	/
32	Arun	20S195016	Chemical	/	/	/	/	/
33	Chirag	20S195019	Chemical	/	/	/	/	/
34	Christila Fernando	20S195024	Chemical	/	/	/	/	/
35	Dhanush Kodi	20s195002	Chemical	/	/	/	/	/
36	Gade Divyanjali	20S195026	Chemical	/	/	/	/	/
37	Kartheesh	20s195009	Chemical	/	/	/	/	/
38	Lokesh Kumar	20s195018	Chemical	/	/	/	/	/
39	Madhan	20S195007	Chemical	/	/	/	/	/
40	Malikal Mulki	20S195028	Chemical	/	/	/	/	/
41	Muhamed Fadhl	20s195011	Chemical	/	/	/	/	/
42	Naveen Prasath	20s195027	Chemical	/	/	/	/	/
43	Nithish	20S195022	Chemical	/	/	/	/	/
44	Pavi Namruthaa	20S195005	Chemical	/	/	/	/	/
45	Prithivirajan	20S195014	Chemical	/	/	/	/	/

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46	Raaja Veerappan	20S195006	Chemical	✓	✓	✓	✓	✓
47	Rajeth Raghunath	20s195012	Chemical	✓	✓	✓	✓	✓
48	Rakshana	20S195008	Chemical	✓	✓	✓	✓	✓
49	Ramaraja	20S195021	Chemical	✓	✓	✓	✓	✓
50	Sajin	20s195020	Chemical	✓	✓	✓	✓	✓
51	Santhosh Kumaar	20S195001	Chemical	✓	✓	✓	✓	✓
52	Sathish	20S195013	Chemical	✓	✓	✓	✓	✓
53	Sneha	20S195025	Chemical	✓	✓	✓	✓	✓
54	Syed Mohammed Suhail	20S195029	Chemical	✓	✓	✓	✓	a
55	Venkata Subramanian	20S195015	Chemical	✓	✓	✓	✓	✓
56	Vishal Das	20S195017	Chemical	✓	✓	✓	✓	✓
57	William Joel	20s195003	Chemical	✓	✓	✓	✓	✓
58	Srayansh kashyap	20S195030	Chemical	✓	✓	✓	✓	✓
59	Vinukonda Sumanth	20S195031	Chemical	✓	✓	✓	✓	✓
60	Kalla Gireesh Venkata Ramana	20S195032	Chemical	✓	✓	✓	✓	✓

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QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001:2015

CERTIFICATE

OF COMPLETION

This is to certify

AARTHI KANNAN

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"MATLAB FOR NUMERICAL TECHNIQUES"** on **"13-06-2018 to 09-07-2018"** organized by Department of Chemical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

HEAD OF THE DEPARTMENT

COURSE COORDINATOR

COURSE COORDINATOR

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ABDUL RAHMAN N

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"MATLAB FOR NUMERICAL TECHNIQUES"** on **"13-06-2018 to 09-07-2018"** organized by Department of Chemical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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This is to certify

AJIL FRANCIS

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"MATLAB FOR NUMERICAL TECHNIQUES"** on **"13-06-2018 to 09-07-2018"** organized by Department of Chemical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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ARCHANA U

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"MATLAB FOR NUMERICAL TECHNIQUES"** on **"13-06-2018 to 09-07-2018"** organized by Department of Chemical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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BALAJI G

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"MATLAB FOR NUMERICAL TECHNIQUES"** on **"13-06-2018 to 09-07-2018"** organized by Department of Chemical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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DEEPIKA S

of Sathyabama Institute of Science and Technology has successfully Completed the Value Added Course titled **"MATLAB FOR NUMERICAL TECHNIQUES"** on **"13-06-2018 to 09-07-2018"** organized by Department of Chemical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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NIDAMANURI MANASA

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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

VALUE ADDED COURSE ON

Synthesis and application of nanomaterials

FROM
01/10/2021
TO
29/10/2021

Course Coordinators

1. Dr.D.Prabhu – Associate Professor, Department of Chemical Engineering, Sathyabama Institute of Science and Technology

For registration:
https://docs.google.com/forms/d/1wOAmqojQhXUuNonafLNsP4F_YtqbMFXf9BBuaa1ybIq/edit
For Queries contact: chemicalhod@sathyabama.ac.in

Objective of this course:

To learn the fundamentals of Molecular Simulations and develop the ability to apply simulation techniques to study relevant problems.

Course Outcomes:

1. Learn the basic concept of fundamentals of nanotechnology.
2. General introduction to different classes of nanomaterials
3. Improve their knowledge on various synthesis methods of nanomaterials by chemical method
4. Understand the knowledge on various synthesis methods of nanomaterials by physical method
5. Familiarize themselves with nanotechnology potentialities.

Module	Topics	Name of the Faculty	No of Sessions	Platform
1	Basics and Scale of Nanotechnology, Introduction and scientific revolutions, Time and length scale in structures, Definition of a nanosystem, Dimensionality and size dependent phenomena, Surface to volume ratio, Surface stress and surface defects, Properties at nanoscale – optical & mechanical.	Dr.D.Prabhu	6 hr	Zoom
2	Different Classes of Nanomaterials, Classification based on dimensionality, Carbon-based nano materials – fullerences and buckyballs, Carbon nanotubes and graphene, Metal based nano materials – Nanogold and Nanosilver, Biological nanomaterials.	Dr.Murugasen	6 hr	Zoom
3	Synthesis of Nanomaterials by chemical methods, Metal nanocrystals by reduction, Solvothermal synthesis and photochemical synthesis, Sonochemical routes and chemical vapor deposition (CVD), Metal oxide chemical vapor deposition (MOCVD).	Dr.D.Prabhu	6hr	Zoom
4	Synthesis of Nanomaterials by physical methods, Ball milling, Electrodeposition techniques, Spray pyrolysis and flame pyrolysis, DC/RF magnetron sputtering, Molecular beam epitaxy (MBE)	Dr.Ravichandran	4hr	Zoom
5	Applications in Nanotechonology. Solar energy conversion and catalysis, Molecular electronics,	Dr.Murugasan	6hr	Zoom

	nanoelectronics and printed electronics, Polymers with a special architecture, liquid crystalline systems, Applications - nanomaterials for data storage, Chemical and biosensors.			
6	**Assessment**	Dr.D.Prabhu	1hr	LMS Quiz

Vision

We empower the student community to maximize their potential for the development and transfer of technical competence in the field of Chemical Engineering through academic and research excellence extending service to the mankind.

Mission

M1: To produce socially responsible chemical engineers of high academic pursuit who will contribute to challenges and improvement of process industries worldwide.

M2: To excel in research with an in-depth knowledge of core principles for providing solutions in process industries.

M3: To enhance the experienced learning in collaboration with esteemed National and International Institutes/ Universities/ Industries.

M4: To develop sustainable solutions for the societal needs.

PROGRAM EDUCATIONAL OBJECTIVES

PEO1: Excellence in Career: Compete globally with strong domain knowledge, updated with modern technology to provide effective solutions for engineering problems.

PEO2: Professional Expertise: Design of plants and process equipment's with research attitude, lifelong learning, investigative approach and multidisciplinary thinking.

PEO3: Exercising leadership: Exhibit strong managerial and communication skills to work efficiently as individual as well as in teams.

PEO4: Societal Contribution: Succeed as an entrepreneur and as environmental developer/consultant to solve the practical problems.

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF CHEMICAL ENGINEERING

SCHOOL OF BIO AND CHEMICAL ENGINEERING

Synthesis and Application of Nanomaterials

LIST OF PARTICIPANTS – Attendance Report

S.No	Name	Roll No	Department	Day 1	Day 2	Day 3	Day 4	Day 5	Attendance Percentage
1	Gade Divyanjali	20S195026	Chemical	P	P	P	P	P	100
2	Kartheesh	20s195009	Chemical	P	P	P	P	P	100
3	Lokesh Kumar	20s195018	Chemical	P	P	A	P	P	80
4	Madhan	20S195007	Chemical	P	P	P	P	P	100
5	Malikal Mulki	20S195028	Chemical	P	P	P	P	P	100
6	Muhamed Fadhl	20s195011	Chemical	P	P	P	P	P	100
7	Naveen Prasath	20s195027	Chemical	P	P	P	P	P	100

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DEPARTMENT OF CHEMICAL ENGINEERING

8	Mithish	20S195022	Chemical	P	P	P	P	P	100
9	[illegible]	20S195005	Chemical	P	P	P	P	P	100
10	Krishnarajan	20S195014	Chemical	P	P	P	P	P	100
11	Raaja Veerappan	20S195006	Chemical	A	P	P	P	P	80
12	Rajeth Raghunath	20s195012	Chemical	P	P	P	P	P	100
13	Rakshana	20S195008	Chemical	P	P	P	P	P	100
14	Ramaraja	20S195021	Chemical	P	P	P	P	P	100
15	Sajin	20s195020	Chemical	P	P	P	P	P	100
16	Santhosh Kumaar	20S195001	Chemical	P	P	P	P	P	100
17	Sathish	20S195013	Chemical	P	P	P	P	P	100
18	Sitharthan	20S195023	Chemical	P	P	P	P	P	100
19	Sneha	20S195025	Chemical	P	P	P	P	P	100
20	Syed Mohammed Suhail	20S195029	Chemical	P	P	P	P	P	100
21	Venkata Subramanian	20S195015	Chemical	P	P	P	P	P	100
22	Vishal Das	20S195017	Chemical	P	P	P	P	P	100
23	SIDDHARTH .U	19S195018	Chemical	P	P	P	P	P	100
24	SUBASHINI .S.E	19S195019	Chemical	P	P	P	P	P	100

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25	SURESH .G	19S195023	Chemical	P	P	P	P	P	100
26	[illegible]	[illegible]	Chemical	P	P	P	P	P	[illegible]
27	TUMMURI DILEEP RAJA	19S191007	Chemical	P	P	P	A	P	80
28	LAXMI KANTH THANGI	19S195029	Chemical	P	P	P	P	P	100
29	MANIKANDAN .N	19S195030	Chemical	P	P	P	P	P	100
30	MANIVANNAN U. S	19S195010	Chemical	P	P	P	P	P	100
31	MARK JOEVIN VINCENT	19S191004	Chemical	P	P	P	P	P	100
32	MOHAMED IBRAHIM. S	19S195026	Chemical	P	P	P	P	P	100
33	MOHAMMED IQBAL. A	19S199001	Chemical	P	P	P	P	P	100
34	NAVDEEP . K.M	19S195011	Chemical	P	A	A	A	P	40
35	NIVYA .B	19S191001	Chemical	P	P	P	P	P	100
36	RAGU RAM. N	19S195025	Chemical	P	P	P	P	P	100

Coordinator

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DEPARTMENT OF CHEMICAL ENGINEERING

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School of Electrical and Electronics

Department of Electronics and Communication Engineering

2021-2022

Value Added Courses

Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
LabVIEW core1 & core2 training		2021	1	36 Hrs	29	29

Course Co-Ordinator

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

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LabVIEW core1 & core2 training – Brochure

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VALUE ADDED PROGRAM ON

DATA ACQUISITION USING LabVIEW
21.03.2022 TO 26.03.2022



RESOURCE PERSON

G.Anish Kumar, Director
Aadhyaa skills Research and Development

Title: LABVIEW CORE 1 TRAINING

Highlights of Program:

- Students will learn from Basic to Intermediate application Development
- Student will able to their Mini projects on their own
- Students will gain Great ideas about how to crack NI GLOBAL Certification
- Students will learn about industrial requirements from Engineering students

Topics to be covered:

DAY-1	DAY-2	DAY-3	DAY-4	DAY-5
•Introduction To Graphical System Design (GSD) •Introduce LabVIEW Environment •Data types •Boolean •Strings	•Loops •For loop •Feedback Node •Shift Register •While Loop •Case Structure	•Arrays •Common Arrays Function •Clusters •Sub VI	•Graphs & Charts •Variables •File I/O •Sequence structure Dialog & User Interface	•Enumerated Data type •Type Definition •Property Node •Invoke Node •State Machine •Event Structure

DAY-6
- Introduction To myDAQ And Ni halaware
- Introduction To N Clad Certification
- Introduction To CLD Certification Scope of NI LabVIEW in Industries

CONVENERS
Dr.N.M.Nandhitha
Dean/SoEE
Dr.T.Ravi
Head/ECE

CHIEF PATRONS
Dr.Mariazeena Johnson
Chancelor
Dr.Marie Johnson
President
Mr.Arul Selvan
Vice President
Ms.Maria Bernadtte Tamilarasi
Vice President
Dr. T.Sasipraba
Vice Chancelor

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Dr.V.Vijayabaskar
Professor/ECE
Dr.R.Narmadha
Asso.Prof/ECE

CO-ORDINATORS
Dr.M.S.Godwin Premi
Professor
Dr.Aranganathan
Asso.Prof/ECE

PATRONS
Dr.E.Logashanmugam
Pro vice Chancellor
Dr.G.Sundari
Director Administration

Course Co-Ordinator

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

HOD / ECE

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

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SATHYABAMA – NI LabVIEW Academy

Aadhyaa Skills
Research & Development

Course Completion Certificate

This is to certify that

DENDUKURI NAGA HARSHITHA

Has attended Value Added Course offered by **Aadhyaa Skills Research & Development**, Chennai on **"LabVIEW Core 1 & Core 2 Training"** from **21-03-2022 to 26-03-2022** in association with the Department of Electronics and Communication Engineering , Sathyabama Institute Of Science & Technology.

4324471490RK

G. Anish kumar
Director
Aadhyaa Skills Research & Development

Course Attendance

S.NO	NAME OF THE CANDIDATE	21	22	23	24	25	26
1	AGILAN K	/	/	/	/	/	/
2	AKKALA SUBBA REDDY	/	/	/	/	/	/
3	ANAND A R	/	/	/	/	/	/
4	ANBUSELVAN P	/	/	/	/	/	/
5	ARAVIND V	/	/	/	/	/	/
6	BODDU INDRASENA REDDY	/	/	/	/	/	/
7	BOGGARAPU VENKAT DENDUKURI	/	/	/	/	/	/
8	NAGA HARSHITHA	/	/	/	/	/	/
9	DEVA DHARSHINI S	/	/	/	/	/	/
10	DHANUSRI E	/	/	/	/	/	/
11	DHINAKARAN S	/	/	/	/	/	/
12	ELANGOVAN A	/	/	/	/	/	/
13	MARIA ALPHONSE	/	/	/	/	/	/
14	JEFFREY T	/	/	/	/	/	/
15	MOHITHAPRIYA T	/	/	/	/	/	/
16	NANDINI R	/	/	/	/	/	/
17	OJASWINI D	/	/	/	/	/	/
18	PRAGALLAPATI V V L D S	/	/	/	/	/	/
19	SAI MANIKANTA	/	/	/	/	/	/
20	PRIYA V RAKSHITHA K	/	/	/	/	/	/
21	RITHIKA R SEETHALATHEVI K	/	/	/	/	/	/
22	SELVA GANESH U S	/	/	/	/	/	/
23	SELVAM BHANU	/	/	/	/	/	/
24	PRAKASH	/	/	/	/	/	/
25	SHARMILA V	/	/	/	/	/	/
26	SOUMYA RANJAN MISHRA	/	/	/	/	/	/
27	SRIVATHSAV S	/	/	/	/	/	/
28	SUGANYA V	/	/	/	/	/	/
29	UDHAYASURYA G	/	/	/	/	/	/

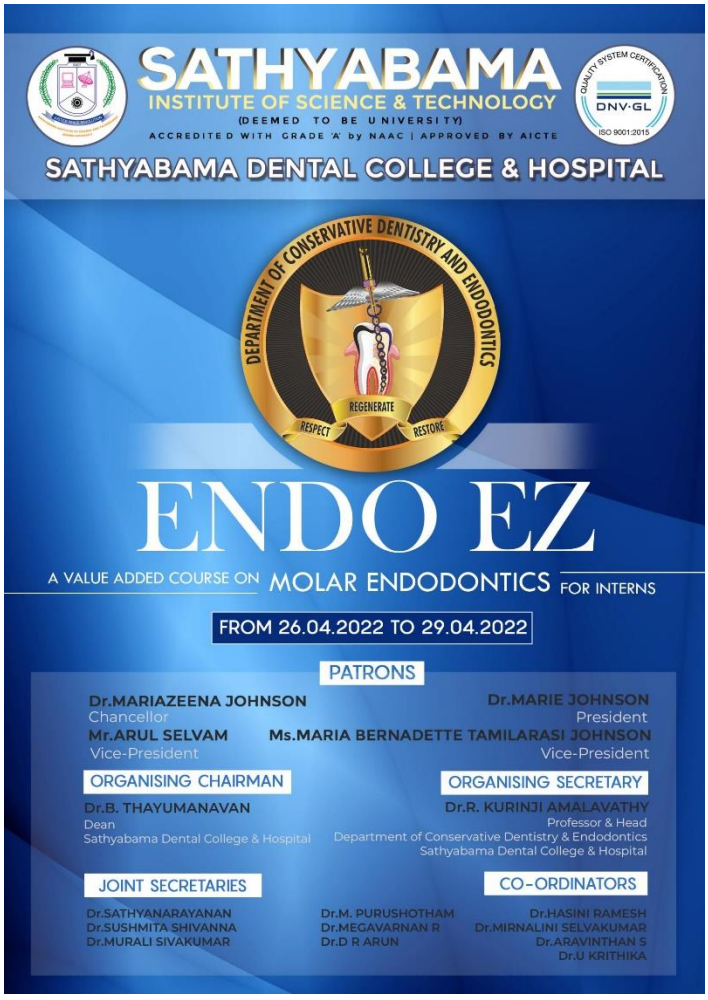
Course Co-Ordinator **HOD / ECE**

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VALUE ADDED COURSES YEAR 2021 – 2022

Endo - Ez 2022

BROCHURE



COURSE CONTENTS

Day 1- Internal anatomy - Access opening and coronal flaring.

Day 2- Introduction to Ni –TiProTaper

Step-back Vs crown-down

Cleaning and shaping in molars

Using Hand ProTapers - Crown Down technique**.**

Day 3- Root canal disinfection and obturation

Cleaning and shaping using hand Protapers

Day 4- single cone obturation and core build up hands on

SCHEDULE FOR THE PROGRAM:

DAY 01

08:00am to 9:45 am	Dr. K. Sathyanarayanan Internal Anatomy
9:45 am to 10:30 am	Dr. R. KurinjiAmalavathy Access opening
10:45am to 12:30pm	Dr. K. Sathyanarayanan and Dr. Arun D R Demo - Access opening, coronal flaring

…… Lunch break ……..

Hands on -	01:00 pm to 4:00 pm -	Access opening in Maxillary and Mandibular Molars

DAY 02

08:00am to 10:00 am	Dr. Sushmitha Shivanna Introduction to Ni –Ti ProTaper
10:15am to 12pm	Dr. Mirnalini Selvakumar Cleaning and shaping in molar

using Hand ProTapers

12pm to 1pm	Dr. Murali S Working length Determination - EAL

…….. Lunch break ……

2:00 pm to 4:00 pm	Hands on

DAY 03

08:00am to 10:00am	Dr. Murali S Root Canal Disinfection and Obturation
10:15 am to 12:15pm	Dr. Kurinji Amalavathy Cleaning and shaping using Hand ProTapers

……Lunch break ……..

1:30 pm to 4 pm	Hands on

DAY 04

08:00am to 09:45 am	Dr. Murali S Single Cone obturation technique
10:00am onwards	Hands on

…… Lunch break…….

2:00 pm to 4:00 pm	Discussion and one to one assessment of work

Course Outcome

This course delivered clinical and practical knowledge on molar tooth root canal treatment using hand Protaper instrument with the help of hands on kits provided to each participant. At the end of the course the participants were confident to take up cases and perform Root canal treat on molar teeth with the knowledge gained through the course.

ATTENDANCE

SATHYABAMA DENTAL COLLEGE AND HOSPITAL
ENDO EZ–MOLAR ENDODONTICS MADE EASY APRIL 2022
ATTENDANCE SHEET

NAME	Reg No.	26/04/2022	27/04/2022	28/04/2022	29/04/2022
Anuriti Guha					
Arjun Ajay Bajoriya					
Bhavya Sri S					
Chhaya Parihar					
Deepika Pandey					
Dharshini V					
Farhath Hajira					
Harshini S					
Hemanth Kumar K					
Iccha Kumari					
Janvi manish dave					
Jasmine Cyndhiya					
Kavippriyan					
Keerthana D					
Keerthana K C					

Signature of Head of Department

PROFESSOR
SATHYABAMA
DENTAL COLLEGE & HOSPITAL
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Keerthana R		Keerthana	Keerthana	Keerthana	Keerthana
Meenambiga P		Meenambiga	Meenambiga	Meenambiga	Meenambiga
Meesaraganda Sreenath Raju					
Mythili D					
Nakshatra Vashisth		Nakshatra Vashisth	Nakshatra Vashisth	Nakshatra Vashisth	Nakshatra Vashisth
Nikita Ashwin Rai		Nikita Ashwin Rai	Nikita Ashwin Rai	Nikita Ashwin Rai	Nikita Ashwin Rai
Nissy Susan Jacob		Nissy	Nissy	Nissy	Nissy
Niveda R					
Paruvada Sankar					
Pavithra P		P Pavithra	P Pavithra	P Pavithra	P Pavithra
Prathyusha		Prathyusha	Prathyusha	Prathyusha	Prathyusha
Praveen Kumar					
Priya N	Priya N	Priya N	Priya N	Priya N	Priya N
Radhika M					
Rishabh Mondal		Rishabh	Rishabh	Rishabh	Rishabh
Samriddhi Nim		Samriddhi	Samriddhi	Samriddhi	Samriddhi

Signature of Professor
PROFESSOR
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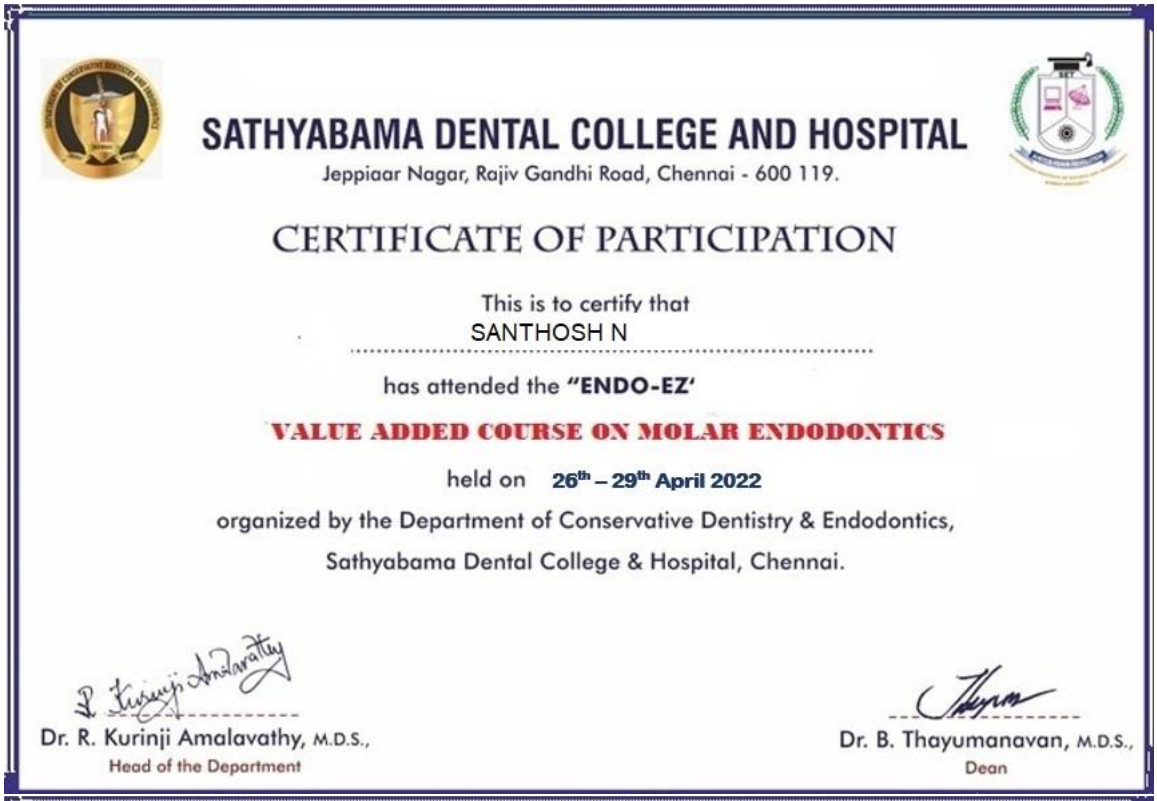
ATTENDANCE SHEET

NAME	Reg No.	26/04/2022	27/04/2022	28/04/2022	29/04/2022
Sana Nasreen		Sana Nasreen	Sana Nasreen	Sana Nasreen	Sana Nasreen
Sandhiya E		E. Sandhiya	E Sandhiya	E. Sandhiya	E. Sandhiya
Sanjana Ananth		Sanjana	Sanjana	Sanjana	Sanjana
Santhosh N					
Shirushika P		P Shirushika	P Shirushika	P Shirushika	P. Shirushika
Shrinidhi Venkata Srinivasan					
Sowjeeniya S		S. Sowjeeniya	S. Sowjeeniya	S. Sowjeeniya	S. Sowjeeniya
Suriya Prakash R		Suria. R	Suria R	Suria. R	Suria R
Syed Azam A		Syed Azam	Syed Azam	Syed Azam	Syed Azam
Varshini R		Varshini	Varshini	Varshini	Varshini
Selva Priya S		SP	SP	SP	SP
Jenita		Jenita	Jenita	Jenita	Jenita
Swathis Barathy		Swathi	Swathi	Swathi	Swathi
Amina Naz		Amina	Amina	Amina	Amina

Signature of HOD of Department

PROFESSOR
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Chennai 600 119

PARTICIPATION CERTIFICATES



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CERTIFICATE OF PARTICIPATION

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SANTHOSH N

has attended the **"ENDO-EZ'**

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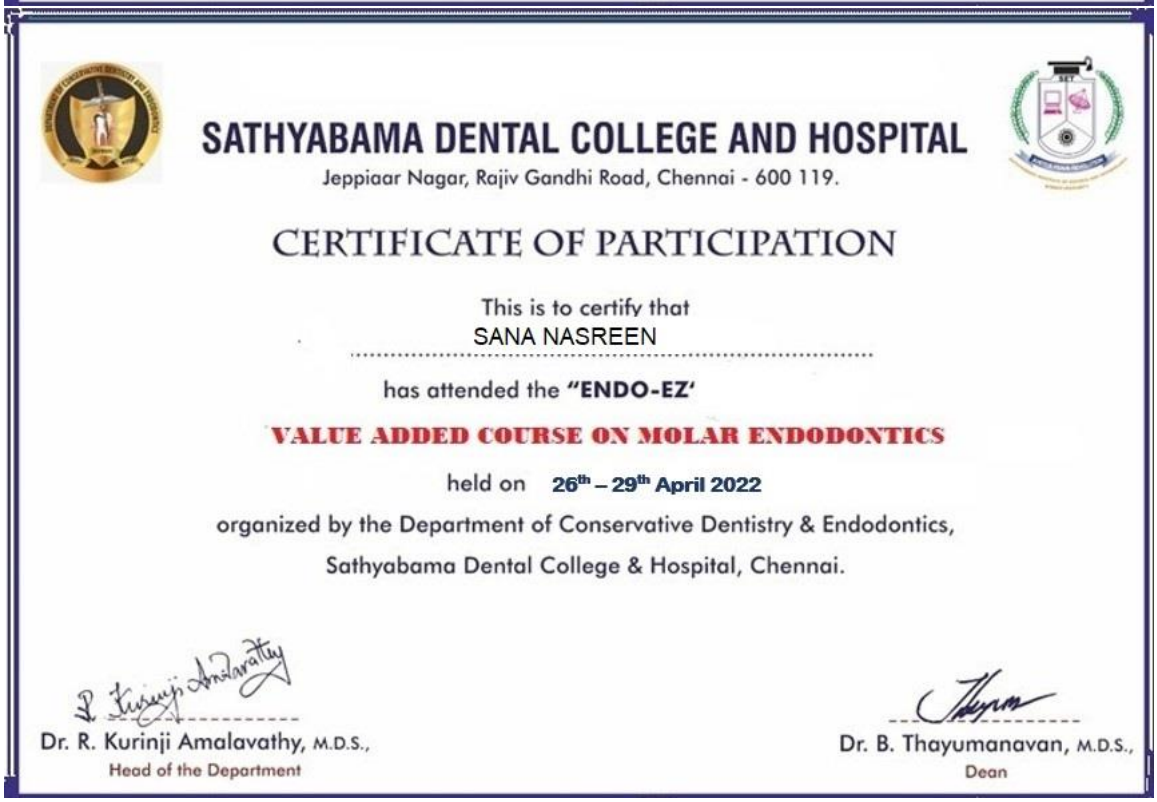
held on **26th – 29th April 2022**

organized by the Department of Conservative Dentistry & Endodontics,

Sathyabama Dental College & Hospital, Chennai.

Dr. R. Kurinji Amalavathy, M.D.S.,
Head of the Department

Dr. B. Thayumanavan, M.D.S.,
Dean



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PAVITHRA

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PARUVADA SANKAR

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NISSY SUSAN JACOB

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MYTHILI D

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DHARSHINI V

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CHHAYA PARIHAR

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ANURITI GUHA

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organized by the Department of Conservative Dentistry & Endodontics,

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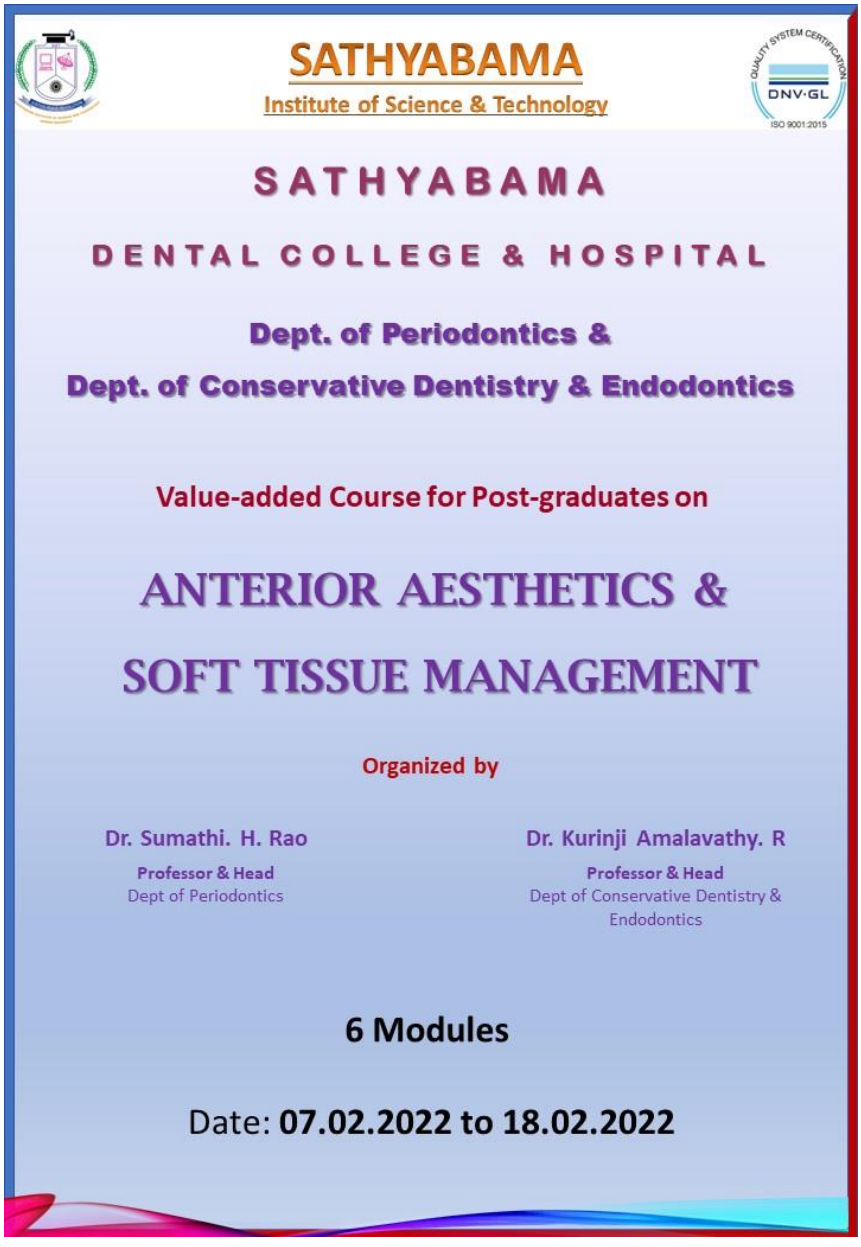
Dr. R. Kurinji Amalavathy, M.D.S.,
Head of the Department

Dr. B. Thayumanavan, M.D.S.,
Dean

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INSTITUTE OF SCIENCE AND TECHNOLOGY
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ANTERIOR ESTHETICS & SOFT TISSUE MANAGEMENT

BROCHURE



COURSE CONTENT

SATHYABAMA DENTAL COLLEGE & HOSPITAL

Dept of Periodontics & Dept of Conservative Dentistry and Endodontics

Value-added Course for Post Graduates – February 2022

ANTERIOR AESTHETICS & SOFT TISSUE MANAGEMENT

COURSE SCHEDULE

Module – 1 07.02.2022

Introduction to Basic Dental & Periodontal Structures – 2 Hours – Dr. Gayathri. S

Introduction to Dental Aesthetics – 2 Hours – Dr. Murali Sivakumar

Module – 2 08.02.2022

Anterior Esthetics – Restorations – 2 Hours – Dr. Arun. D. R

Impression Techniques – 1 Hour – Dr. Purushotham. M

Bleaching – 1 Hour – Dr. Murali Shivakumar

Module – 3 09.02.2022

Biological Width – 1 Hour – Dr. V. Nandhini

Crown Lengthening – 2 Hours – Dr. Sumathi. H. Rao

Smile Design – 2 Hours – Dr. R. Yamini

Module – 4 10.02.2022

Endo-Perio Lesions – 2 Hours - Dr. Gayathri. S & Dr. Sushmita Shivanna

Interdisciplinary Management – 2 Hours – Dr. Sumathi. H. Rao & Dr. Kurinji Amalavathy. R

Module – 5 11.02.2022

Advanced Surgical Techniques – 1 Hour

LASERs – 2 Hours – Dr. V. Nandhini & Dr. Megavarnan. R

Surgical Microscopes & Loupes – 2 Hours – Dr. Sumathi. H. Rao & Dr. Sathyanarayanan. K

Module – 6 14.02.2022 to 18.02.2022

Case Discussions & Demo – 5 Days – 10 Hours

Total – 32 Hours

SUMMARY

A Value-added Course was conducted for Post Graduates, Dept of Conservative Dentistry Endodontics jointly with Dept of Periodontics in Feb 2022 on Anterior Aesthetics and Soft Tissue Management.

The aim of this course was to teach the postgraduates the critical aspects of Anterior Aesthetics, (hard & soft tissue) and the management of Soft Tissues during various procedures. Interdisciplinary approach was also concentrated on.

The course was divided into 6 modules, 5 of which were lectures-based and the last involved Case Discussions and Demonstrations.

Lectures were delivered by the Staff of both Departments and Case discussions and demonstrations were done the week after the lectures by respective staff under proper safety protocols.

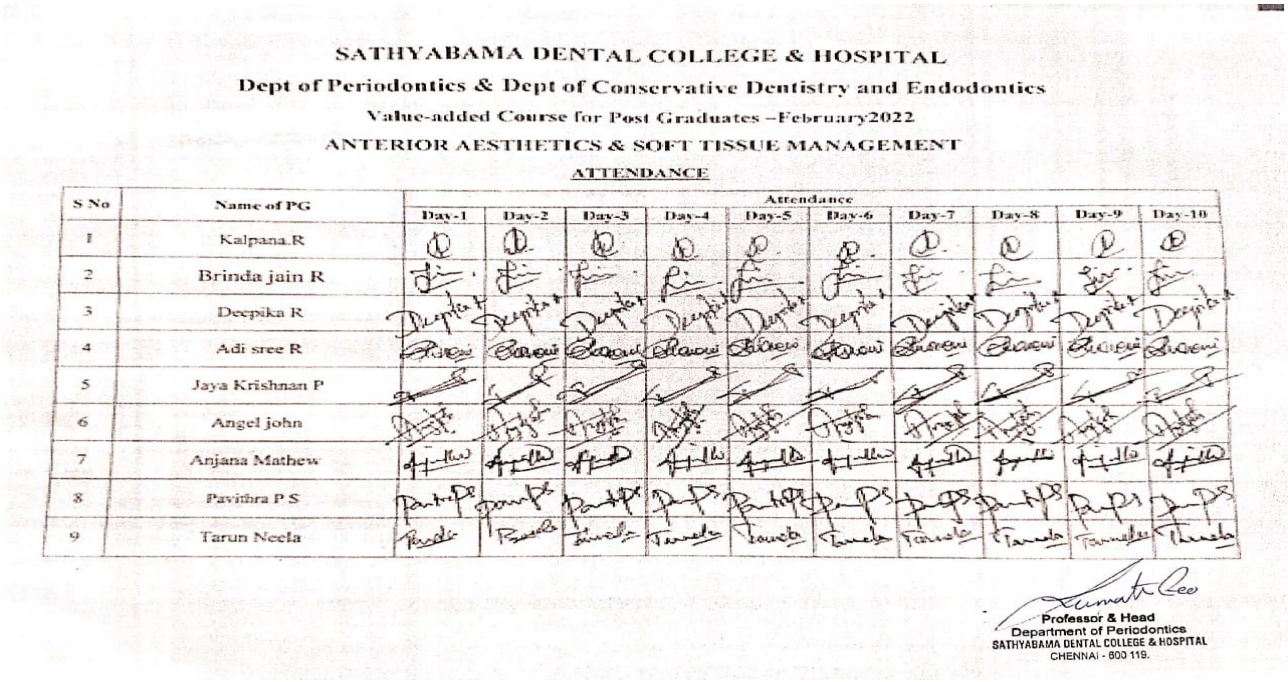
COURSE OUTCOME (EXPECTED)

1. In-depth knowledge of the Soft & Hard Tissues of the Jaws in relation to restorative procedures & Anterior Aesthetics
2. Familiarity with procedures for managing the tissues in the region for optimal aesthetics and function
3. How to use an Interdisciplinary approach in management of associated conditions.
4. Training in Advanced surgical options like use of LASERs and Surgical Microscopes

Result – A total of 9 PGs participated in the program and all 9 satisfactorily completed it and were issued certificates.

Feedback – direct feedback was taken from the participants and they reported confidence in handling patients having issues / requiring procedures discussed.

ATTENDANCE



SATHYABAMA DENTAL COLLEGE & HOSPITAL

Dept of Periodontics & Dept of Conservative Dentistry and Endodontics

Value-added Course for Post Graduates –February2022

ANTERIOR AESTHETICS & SOFT TISSUE MANAGEMENT

ATTENDANCE

S No	Name of PG	Attendance									
		Day-1	Day-2	Day-3	Day-4	Day-5	Day-6	Day-7	Day-8	Day-9	Day-10
1	Kalpana.R										
2	Brinda jain R										
3	Deepika R										
4	Adi sree R										
5	Jaya Krishnan P										
6	Angel john										
7	Anjana Mathew										
8	Pavithra P S										
9	Tarun Neela										

Professor & Head
Department of Periodontics
SATHYABAMA DENTAL COLLEGE & HOSPITAL
CHENNAI - 600 119.

PARTICIPATION CERTIFICATES



SATHYABAMA

Institute of Science & Technology

SATHYABAMA DENTAL COLLEGE & HOSPITAL

Departments of Periodontics & Conservative Dentistry & Endodontics

Certificate of Completion

Awarded to

Dr. Kalpana. R

For completing the Value-added Course on

ANTERIOR AESTHETICS & SOFT TISSUE MANAGEMENT

February 2022

Dr. Thayumanavan. B
Dean

Dr. Sumathi. H. Rao
Prof. & Head, Periodontics

Dr. Kurinji Amalavathy. R
Prof. & Head, Conservative Dentistry & Endodontics

SATHYABAMA

Institute of Science & Technology

SATHYABAMA DENTAL COLLEGE & HOSPITAL

Departments of Periodontics & Conservative Dentistry & Endodontics

Certificate of Completion

Awarded to

Dr. AdisreeR

For completing the Value-added Course on

ANTERIOR AESTHETICS & SOFT TISSUE MANAGEMENT

February 2022

Dr. Thayumanavan. B
Dean

Dr. Sumathi. H. Rao
Prof. & Head, Periodontics

Dr. Kurinji Amalavathy. R
Prof. & Head, Conservative Dentistry & Endodontics

SATHYABAMA

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SATHYABAMA DENTAL COLLEGE & HOSPITAL

Departments of Periodontics & Conservative Dentistry & Endodontics

Certificate of Completion

Awarded to

Dr. Tarun Neela

For completing the Value-added Course on

ANTERIOR AESTHETICS & SOFT TISSUE MANAGEMENT

February 2022

Dr. Thayumanavan. B
Dean

Dr. Sumathi. H. Rao
Prof. & Head, Periodontics

Dr. Kurinji Amalavathy. R
Prof. & Head, Conservative Dentistry & Endodontics

SATHYABAMA

Institute of Science & Technology

SATHYABAMA DENTAL COLLEGE & HOSPITAL

Departments of Periodontics & Conservative Dentistry & Endodontics

Certificate of Completion

Awarded to

Dr. Jaya Krishnan P

For completing the Value-added Course on

ANTERIOR AESTHETICS & SOFT TISSUE MANAGEMENT

February 2022

Dr. Thayumanavan. B
Dean

Dr. Sumathi. H. Rao
Prof. & Head, Periodontics

Dr. Kurinji Amalavathy. R
Prof. & Head, Conservative Dentistry & Endodontics

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Institute of Science & Technology

SATHYABAMA DENTAL COLLEGE & HOSPITAL

Departments of Periodontics & Conservative Dentistry & Endodontics

Certificate of Completion

Awarded to

Dr. Pavithra. P. S

For completing the Value-added Course on

ANTERIOR AESTHETICS & SOFT TISSUE MANAGEMENT

February 2022

Dr. Thayumanavan. B
Dean

Dr. Sumathi. H. Rao
Prof. & Head, Periodontics

Dr. Kurinji Amalavathy. R
Prof. & Head, Conservative Dentistry & Endodontics

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UPDATES IN PEDIATRIC DENTISTRY

BROCHURE



COURSE CONTENT

"Updates in Pediatric Dentistry "is a program which is conducted every year for the Undergraduate and Post Graduate students to instill all the recent advances in various topics of Pediatric Dentistry.

- The Topic for this year was "Pulpectomy" in children.
- We had 4 informative Guest Lectures on Access opening, Cleaning and shaping, Obturation and Lesion sterilization and Repair.
- We also had poster presentations, paper presentations and Debate.
- The Debate topic was on Single visit Vs Multi visit Pulpectomy

COURSE OUTCOME

- Evaluating the canal morphology before access opening
- Understanding the concepts of cleaning and shaping
- Armamentarium used for cleaning and shaping
- Obturation materials and techniques
- Non instrumentation endodontic techniques

Date	Time	Events
7.02.2022	9-10 am 10-11 am 11-12 am 12-1 pm 1-2 pm 2-3 pm 3-4 pm	Inauguration Poster session Poster session Lunch Poster session Poster session Poster session
8.02.2022	9-10 am 10-11 am 11-12 am 12-1 pm 1-2 pm 2-3 pm 3-4 pm	Paper session Paper session Paper session Lunch Paper session Paper session Paper session

9.02.2022	9-12pm 2-4pm	Guest lecture Dr Swati Ramesh Karkare, MDS (Discover – approach) Debate (Single visit vs Multi visit pulpectomy)
10.02.2022	9-12pm 2-4pm	Guest lecture Dr Bhavna Dave, MDS (Clean- clear-close) Guest lecture Dr Joyson Moses, MDS (Obturating materials)
11.02.2022	9-12pm 1-4pm	Guest lecture Dr Nilaya Reddy, MDS (LSTR) Valedictory function

ATTENDANCE

THIRD YEAR BDS

S.N	REG NO	NAME	07-02-2022	08-02-2022	09-02-2022	10-02-2022	11-02-2022
1	39900001	Abdul Ajees Meeran M					
2	39900002	Abdul Rahman K A					
3	39900003	Abinaya C					
4	39900004	Adithya Balaji V					
5	39900005	Afrah J					
6	39900006	Aishwarya Rajan					
7	39900007	Aiswarya Santhosh					
8	39900008	Akshaya Lakshmi P					
9	39900009	Amal Rojer S					
10	39900010	Amrita R					
11	39900011	Amrutha M					
12	39900012	Anish Fathima A					
13	39900013	Ansu Mary Thomas					
14	39900014	Arivuprabha T					
15	39900015	Aruthravarthini A					
16	39900016	Bavani Sankar S G					
17	39900017	Benadic James D					
18	39900018	Bharanidharan S					
19	39900019	Biprajit Chakraborty					
20	39900020	Cynthia R					
21	39900021	Deepan					
22	39900022	Dharani B					
23	39900023	Dharani T					
24	39900024	Dharshini K					
25	39900025	Dhiya Zainaba					
26	39900026	Divya D					
27	39900027	Elbin Samuel					
28	39900028	Francis Selvin Raj K					
29	39900029	Godwin J					
30	39900030	Goli Sri Rohitha					
31	39900031	Gopi Krishna D S					
32	39900033	Harini H					
33	39900034	Hazel Susan Mathew					
34	39900035	Jafrit Ritu J					

C. Vishnu Rekha

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Preventive Dentistry
Sathyabama University Dental
College And Hospital
Chennai

THIRD YEAR BDS

71	39900072	Ritissh Lakshmanan						
72	39900073	Ruchitra T						
73	39900074	Sameera S						
74	39900075	Samuel Roshan						
75	39900076	Saran M						
76	39900077	Saranya M N						
77	39900078	Scindiya Kiran K						
78	39900079	Shanmuga Sudhan B						
79	39900080	Simonamani						
80	39900081	Sreelakshmi Vijayakumar M						
81	39900082	Sri Mahalakshmi S						
82	39900083	Srinisha I						
83	39900085	Surender M						
84	39900086	Swetha U						
85	39900087	Tenzin Tsomu						
86	39900088	Thaya K						
87	39900089	Thulasi S						
88	39900090	Vasanthakannagi S						
89	39900091	Vijayalakshmi S						
90	39900092	Vimal Kannan L						
91	39900093	Vinothini T						
92	39900094	Vishnupriya A						
93	39900095	Yamini T						
94	39900096	Yavi Yhome						
95	39900097	Yuvapriya P						
1	38900012	BRINDHA GOPINATH						
2	38900018	DIVYAYOGESWARI T M						
3	38900060	PRAVEEN R S B						

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Chennai

FINAL YEAR BDS

S.NO	REG NO	NAME	7.2.22	8.2.22	9.2.22	10.2.22	11.2.22
1	38900001	AARTHI K					
2	38900002	AARTHI R					
3	38900003	AKSHYA V					
4	38900004	AMRITA SANJEEV					
5	38900005	ANDREW V					
6	38900006	ANJANA G					
7	38900007	ANKITA DASH					
8	38900008	ANTO JAYA SIBIN J					
9	38900009	ASWIN S					
10	38900010	ASWINI R					
11	38900011	BHAVANA MOHAN					
12	38900013	BRINDHA H					
13	38900014	CATHRIN BONNY					
14	38900015	DAMODARAN S M					
15	38900016	DHINESH BAALAJI S					
16	38900017	DIVAKAR R					
17	38900019	ELIZABETH DILINA JUSTIN					
18	38900020	FATHIMA SITHI NIHAYA R					
19	38900021	GADDAM PRADEEP REDDY					
20	38900022	GAYATHRI GOVINDASAMY					
21	38900023	GOPIKRISHNARAJ S					
22	38900024	GOVIND PRABHAKAR SINGH					
23	38900025	GRACELIN SOLOMON J					
24	38900026	HARINI S					
25	38900027	HARIPRIYA C					
26	38900028	HARSHA V					
27	38900029	JAYANTHI STEFFI J					
28	38900030	JAYASHREE B					
29	38900031	JAYASRI N P					
30	38900032	JERISHA MISHEL PUSHPARAJ					
31	38900033	JISNA SUNNY					
32	38900034	JITYA R					
33	38900035	KANIMOZHI A					
34	38900036	KAREEMA M					
35	38900037	KAVIYALAKSHMI P					
36	38900038	KEERTHANA P					
37	38900039	KEERTHIVARSHINI V J					
38	38900040	KOPPOLU LAHARI					
39	38900041	KOWSIA S					
40	38900042	KURSHID TAFZAL A R					
41	38900043	LAVANYA M					
42	38900044	LAXMI ASWINKUMAR					
43	38900045	MADDUKURI RAJA SEKHAR					

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44	38900046	MANSI SHARMA					
45	38900047	MOHAMED JAVED					
46	38900048	MOHAMED NIZAMUDDEN FAIZEE K S					
47	38900049	MOHANA PRIYA K					
48	38900050	MONISHA HARIKRISHNAN					
49	38900051	NIRANJANA A					
50	38900052	NITHISH T N					
51	38900053	PALIVELA MANVITHA					
52	38900054	PAVITHRA M					
53	38900055	PONMANI K					
54	38900056	PRABAVATHI K					
55	38900057	PRABHAVATHY B					
56	38900058	PRABHU RAM S					
57	38900059	PRASHANTH S					
58	38900061	PRIYA RIONA MARY R					
59	38900062	PRIYADHARSHINI G					
60	38900063	RAJESHWARI R					
61	38900064	RAJSANJAY R					
62	38900065	RANJANA E					
63	38900066	RANJANA N I					
64	38900067	RESHMA S					
65	38900068	RIYA ROY THOMAS					
66	38900069	RIZWANA KHATUN M R					
67	38900070	RUSITHASRE V C					
68	38900071	SAHANA P					
69	38900072	SAIKAT BERA					
70	38900073	SAMUEL JAMES RAJA R					
71	38900074	SATAVISHA MOHAPATRA					
72	38900075	SHABANA YASMIN M R					
73	38900076	SHALINI M					
74	38900077	SHENBAGAPRIYA C					
75	38900078	SHUBHAM KUMAR					
76	38900079	SIVA SANTHANA LAKSHMI G					
77	38900080	SONALI SALEEL					
78	38900081	SRI RAM KARTHICK D					
79	38900082	SUBASHINI MUTHAIAH					
80	38900083	SUBHASHINI M					
81	38900084	SUBIKSHA R					
82	38900085	SUGANYA R					
83	38900086	SUMAIYA BANU					
84	38900087	SUNIDHI RANA					
85	38900088	SUSHANTIKA A					
86	38900089	SUSMITHA A					

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CRRI

S.No	Reg No.	Student name	7.2.22	8.2.22	9.2.22	10.2.22	11.2.22
1.	37900002	ANURITI GUHA					
2.	37900003	ARJUN AJAY BAJORIYA					
3.	37900004	BHAVYA SRI S					
4.	37900005	CHHAYA PARIHAR					
5.	37900006	DEEPIKA PANDAY					
6.	37900008	DHARSHINI V					
7.	37900009	FARHATH HAJIRA					
8.	37900010	FEMIL THEODER JOSHUA					
9.	37900011	HARSHINI S					
10.	37900012	HEMANTH KUMAR K					
11.	37900013	ICCHA KUMARI UPADHYAY					
12.	37900014	JANVI MANISH DAVE					
13.	37900015	JASMINE CYNDHIYA D					
14.	37900016	KAVIPPRIYAN					
15.	37900017	KEERTHANA D					
16.	37900018	KEERTHANA K C					
17.	37900019	KEERTHANA.R					
18.	37900020	MEENAMBIGA P					
19.	37900021	MEESARAGANDA SREENATH					
20.	37900022	MYTHILI D					
21.	37900023	NAKSHATRA VASHISTH					
22.	37900024	NIKITA ASHWIN RAI					
23.	37900025	NISSY SUSAN JACOB					
24.	37900026	NIVEDA R					
25.	37900027	PARUVADA SANKAR S					
26.	37900028	PAVITHRA P					
27.	37900029	PRATHYUSHA MAHANTHA					
28.	37900030	PRAVEEN KUMAR P					
29.	37900031	PRIYA N					
30.	37900032	RADHIKA M					
31.	37900033	RISHABH MONDAL					
32.	37900034	SAMRIDDHI NIM					
33.	37900035	SANA NASREEN S					
34.	37900036	SANDHIYA E					
35.	37900037	SANJANA ANANTH					
36.	37900038	SANTHOSH N					
37.	37900039	SHIRUSHTIKA P					
38.	37900040	SHRINIDHI VENKATA					
39.	37900041	SOWJEENIYA S					
40.	37900042	SURIYAPRAKASH R					
41.	37900043	SYED AZAM A					

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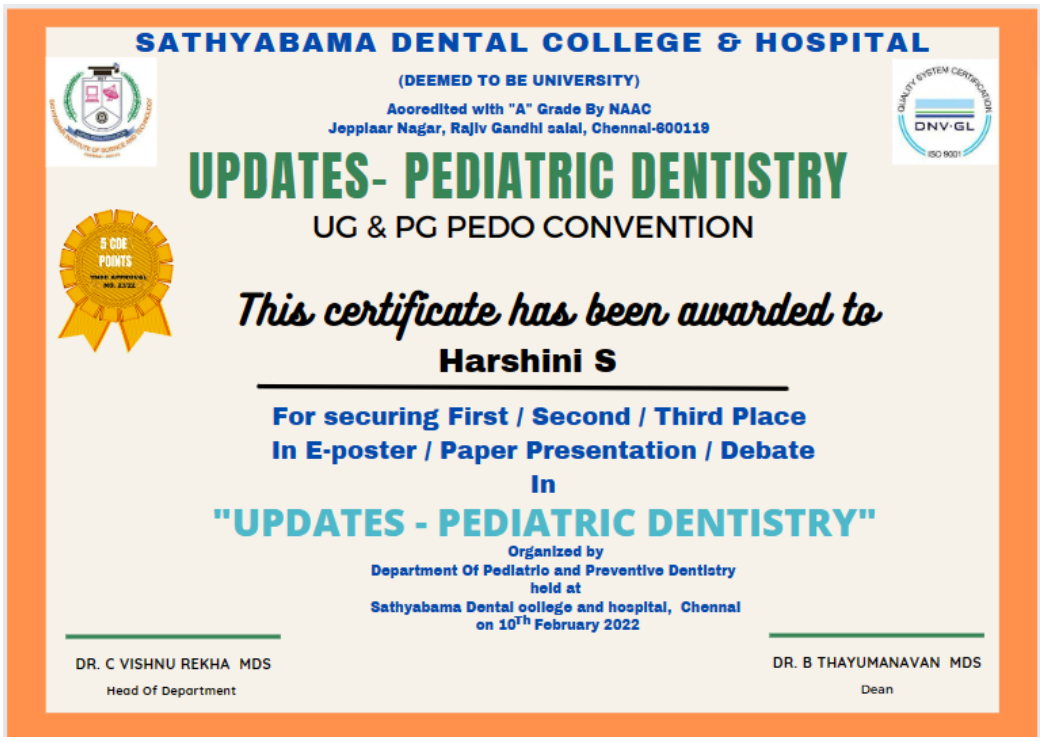
42.	37900044	VARSHINI R					
43.	3390075	SELVA PRIYA S					
44.	3490039	JENITA					
45.	3190189	SWATHIS BARATHY					
46.	3090134	GUNDU RASMI					

S NO	NAME	7.2.22	8.2.22	9.2.22	10.2.22	11.2.22
1	JANANI					
2	ANGELIN ANEESHA					
3	NESLIN BASLEO					
4	HARSHINI RAVICHANDRAN					
5	VAISHANVI SRIDHAR					
6	AMUTHA M V SOORYA					
7	RAKSHANA S					

C. Vishnu Rekha

Dr.C.VISHNU REKHA .M.D.S
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Chennai

PARTICIPATION CERTIFICATES



SATHYABAMA DENTAL COLLEGE & HOSPITAL

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Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai-600119

UPDATES- PEDIATRIC DENTISTRY

UG & PG PEDO CONVENTION

5 CDE POINTS

This certificate has been awarded to

Harshini S

For securing First / Second / Third Place

In E-poster / Paper Presentation / Debate

In

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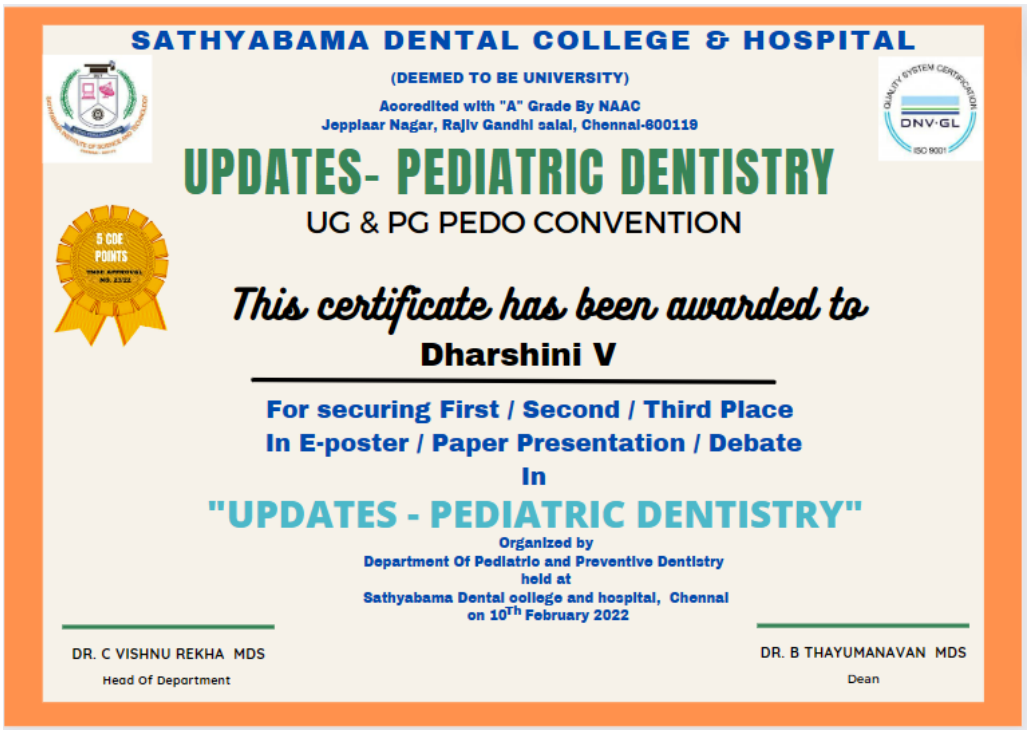
on 10Th February 2022

DR. C VISHNU REKHA MDS

Head Of Department

DR. B THAYUMANAVAN MDS

Dean



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This certificate has been awarded to

Dharshini V

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on 10Th February 2022

DR. C VISHNU REKHA MDS

Head Of Department

DR. B THAYUMANAVAN MDS

Dean

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5 CDE POINTS

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Keerthana D

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DR. C VISHNU REKHA MDS
Head Of Department

DR. B THAYUMANAVAN MDS
Dean

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Keerthana K C

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"UPDATES - PEDIATRIC DENTISTRY"

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Sathyabama Dental college and hospital, Chennai
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DR. C VISHNU REKHA MDS
Head Of Department

DR. B THAYUMANAVAN MDS
Dean

SATHYABAMA DENTAL COLLEGE & HOSPITAL

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UPDATES- PEDIATRIC DENTISTRY

UG & PG PEDO CONVENTION

5 CDE POINTS

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Keerthana R

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"UPDATES - PEDIATRIC DENTISTRY"

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DR. C VISHNU REKHA MDS
Head Of Department

DR. B THAYUMANAVAN MDS
Dean

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Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai-600119

UPDATES- PEDIATRIC DENTISTRY

UG & PG PEDO CONVENTION

5 CDE POINTS

This certificate has been awarded to

Kavipriyan

For securing First / Second / Third Place
In E-poster / Paper Presentation / Debate
In

"UPDATES - PEDIATRIC DENTISTRY"

Organized by
Department Of Pediatric and Preventive Dentistry
held at
Sathyabama Dental college and hospital, Chennai
on 10Th February 2022

DR. C VISHNU REKHA MDS
Head Of Department

DR. B THAYUMANAVAN MDS
Dean

SATHYABAMA DENTAL COLLEGE & HOSPITAL

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VIRTUAL BASIC LIFE SUPPORT

BROCHURE



PROGRAMME SCHEDULE - (BATCH 2)

DAY ONE (22-OCT-2021)

12:45 pm - 01:00 pm	:	Registration
01:00 pm - 02:00 pm	:	Lecture and Video on IM Injection &IV Cannulation
02:00 pm - 04:30 pm	:	Hands-on Training IM & IV Injections
04:30 pm - 04:45 pm	:	Feedback and Warp up

DAY TWO (23-OCT-2021)

09:30 am - 10:30 am	:	Dealing with Medical Emergencies
10:30 am - 12:15 am	:	Basic Life Support – CPR in Adult, Child & Infant Choking, AED & Recovery position
12:15 pm - 01:15 pm	:	Hands on Training (CPR and AED)
01:15 pm - 01:45 pm	:	Lunch Break
01:45 pm - 03:45 pm	:	Hands on Training (CPR and AED) Conti...
03:45 pm - 04:15 pm	:	Written Test

For any Queries Contact:

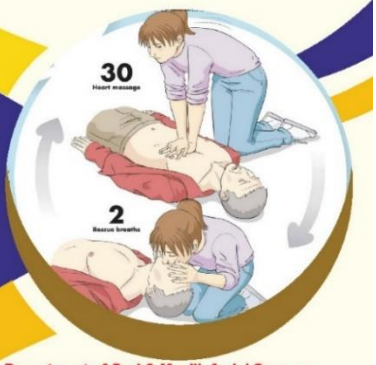
Dr. R. Ashok Prasanna - 9962603063

Dr. V. Balakumar - 9841046319

Sathyabama Dental College and Hospital

Sathyabama Institute of Science and Technology

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2021 BLS COURSE

Department of Oral & Maxillofacial Surgery

Department of Prosthodontics

presents **Value Added Courses**

Medical Emergencies for Dental Surgeons and

VIRTUAL BASIC LIFE SUPPORT

Workshop and Intramuscular Injection and Intravenous Cannulation

19th to 21th October 2021 | **22nd & 23th October 2021**

Sathyabama Dental College Auditorium

COURSE CONTENT

The purpose of basic life support (BLS) is to maintain adequate circulation and ventilation until action can be takern to reverse the underlying cause of the cardio and respiratory arrest. Failure of circulation for 3-4 minutes (less if the patient is hypoxernic initially) will lead to irreversible cerebral damage. CPR (Cardio Pulmonary Resuscitation) also enhances the circulation to the brain so CPR is better termed CPCR (Cardio Pulmonary Cerebral Resuscitation). Any delay in starting BLS will reduce the chances of a successful outcome. The chances of survival are much greater in Early recognition of sudden cardiac arrest, Early CPCR, Early Defibrillation, Early Advance care and Post Resuscitation Care.

COURSE OUTCOMES

Learning Outcomes:

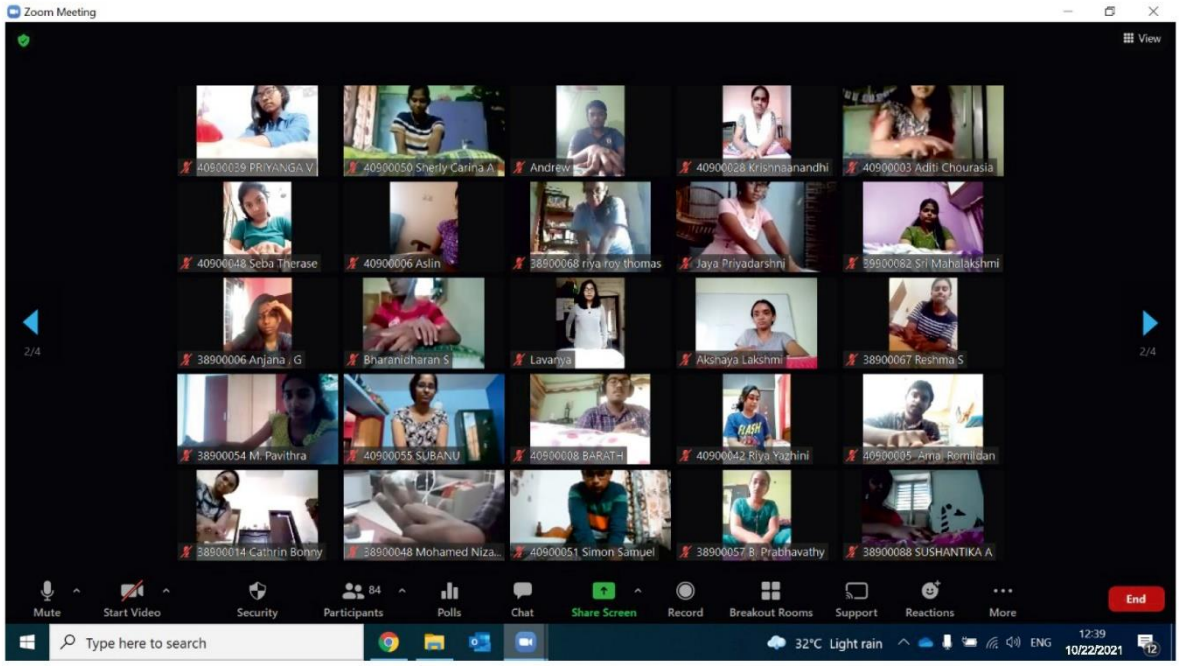
Describe the steps involved in basic life support procedures, including:

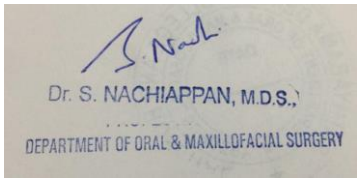
- Initial assessment
- Airway maintenance and breathing
- Cardiopulmonary Resuscitation, also known as CPR
- And responding to a person whose airway is blocked or obstructed.

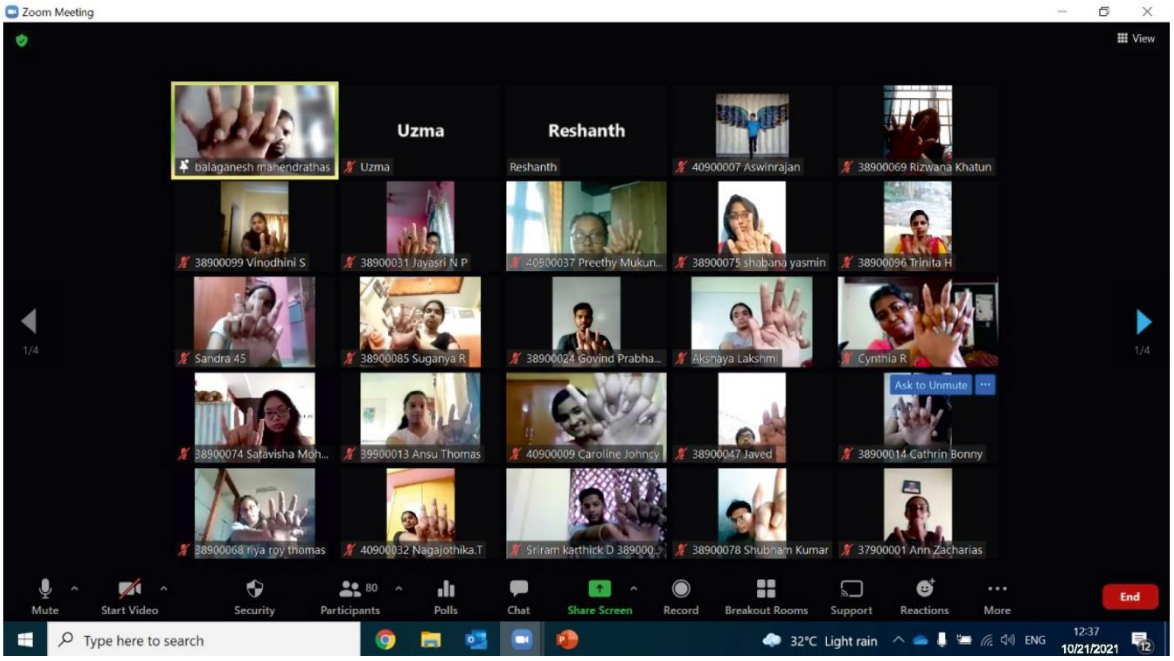
It is important that every member of our community should be trained in effective BLS technique to save lives. At least doctors including dental practitioners, and medical and paramedical staff should be trained in high

quality CPR, as it is a basic medical skill which can save many lives if implemented timely.

ATTENDANCE

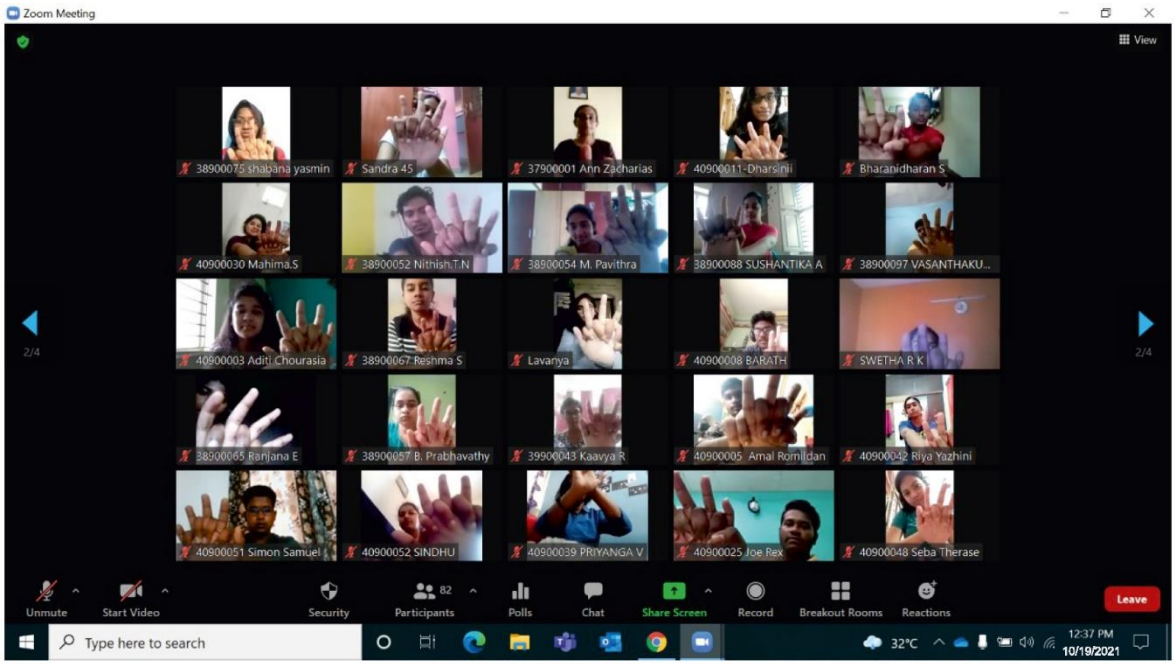


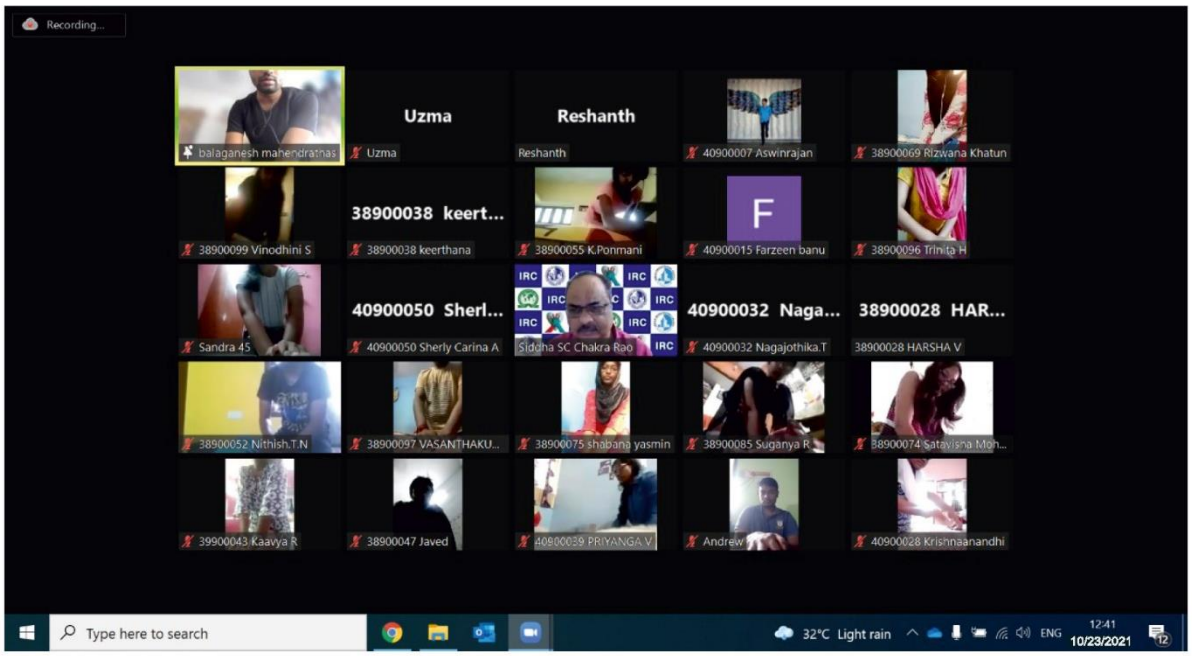


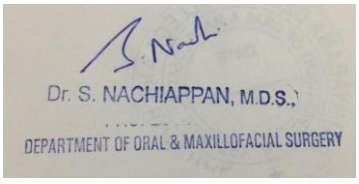




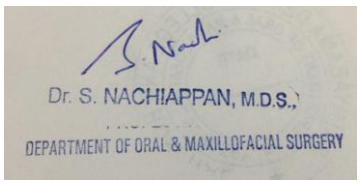
Dr. S. NACHIAPPAN, M.D.S.,
DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY


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View
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Sandra 45
37900001 Ann Zacharias
40900011-Dharsnii
Bharanidharan S
40900030 Mahima.S
38900052 Nithish.T.N
38900054 M. Pavithra
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38900097 VASANTHAKU...
40900003 Aditi Chourasia
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Lavanya
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SWETHA R K
38900065 Ranjana E
38900057 B. Prabhavathy
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40900051 Simon Samuel J
40900052 SINDHU
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40900025 Joe Rex
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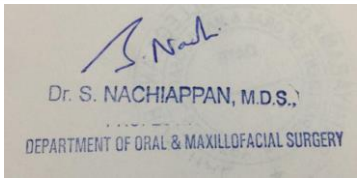

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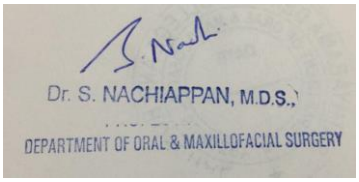
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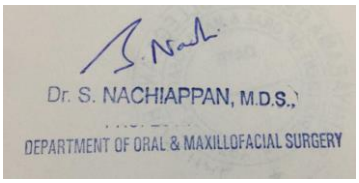
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Sathyabama Dental 183	Sandra	Alice
Sathyabama Dental 184	Sanjai	Prabha
Sathyabama Dental 185	Saran	M
Sathyabama Dental 186	Sarumathi	Jayaraman
Sathyabama Dental 187	Scindiya	Kiran
Sathyabama Dental 188	Raja Sekhar	M
Sathyabama Dental 189	Dr Shahul Hameed	Faizee
Sathyabama Dental 190	Bavani	Sankar
Sathyabama Dental 191	Shalini.M	Shalini.M
Sathyabama Dental 192	Shanmuga	Sudhan
Sathyabama Dental 193	Shubham	Kumar
Sathyabama Dental 194	Sherly	Carina A
Sathyabama Dental 195	Madhumitha	R
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Sathyabama Dental 197	Mahalakshmi	S
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Sathyabama Dental 208	Subiksha	Rajesh
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Sathyabama Dental 211	Sumaiyya	S
Sathyabama Dental 212	Sunidhi	Rana
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Sathyabama Dental 214	Suruthi	S
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Sathyabama Dental 216	Sushantika	Ashokan
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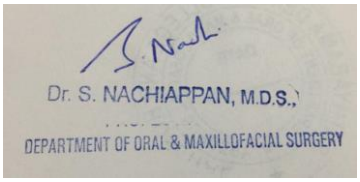
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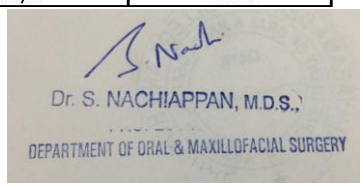
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Sathyabama Dental 137	Keerthavarshini	M
Sathyabama Dental 138		Javed
Sathyabama Dental 139	Monika	Karikaalan
Sathyabama Dental 140	Dr	M.A.Nadeem
Sathyabama Dental 141	Naresh	R
Sathyabama Dental 142	Nizam	Faizee
Sathyabama Dental 143	Fathima	Nihaya
Sathyabama Dental 144	Nithish	T N
Sathyabama Dental 145	N K	Vanathee
Sathyabama Dental 146	Rinee	Shebha
Sathyabama Dental 147	Sindhu	Sures
Sathyabama Dental 148	Nuzhath	Ara
Sathyabama Dental 149	Lalith	Kumar
Sathyabama Dental 150	Pavani	Bellamkonda
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Sathyabama Dental 153	Manvitha	Palivela
Sathyabama Dental 154	Ponmahalakshmi	Ganesh
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Sathyabama Dental 160	Pradeep Reddy	Gaddam
Sathyabama Dental 161	Prashanth	Sivakumar
Sathyabama Dental 162	Preethy	Mukunthan
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Sathyabama Dental 164	Mohanapriya	K
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Sathyabama Dental 168	Ramyaa	Ravi
Sathyabama Dental 169	Ranjana	N.i
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Sathyabama Dental 171	reshanth	kumar
Sathyabama Dental 172	Reshma	S
Sathyabama Dental 173	Satavisha	Mohapatra
Sathyabama Dental 174	Rithikaa	Baskar
Sathyabama Dental 175	Riya	Roy Thomas
Sathyabama Dental 176	Riya	Yazhini
Sathyabama Dental 177		Raheema
Sathyabama Dental 178	Sivalakshmi	V R
Sathyabama Dental 179	SAIKAT	BERA
Sathyabama Dental 180	Sampras	Peter



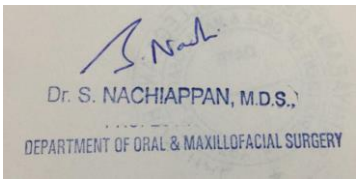
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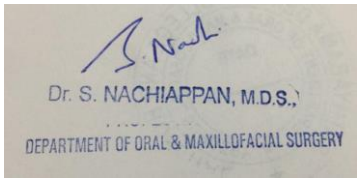
Certificate Name	First Name	Last Name
Sathyabama Dental 91	Harshini	R
Sathyabama Dental 92	Hemashree	S
Sathyabama Dental 93	Trinita	H
Sathyabama Dental 94	Kaavya	R
Sathyabama Dental 95	Jai	Ganesh
Sathyabama Dental 96	Janani	R.J
Sathyabama Dental 97	Harini	H
Sathyabama Dental 98	Jayashree	B
Sathyabama Dental 99	Jayasri	N P
Sathyabama Dental 100	Jerisha	Mishel
Sathyabama Dental 101	Hazel	Mathew
Sathyabama Dental 102	Jisna	Sunny
Sathyabama Dental 103	Jitya	Raja
Sathyabama Dental 104	Celestine Daphnie.A	Joanna
Sathyabama Dental 105	Joe	Rex
Sathyabama Dental 106	T.Naga	Jothika
Sathyabama Dental 107	Rajeshwari	R
Sathyabama Dental 108	J	Sibin
Sathyabama Dental 109	Juan	Moses
Sathyabama Dental 110	R	Jagadeeswari
Sathyabama Dental 111	Kanimozhi	Anbalagan
Sathyabama Dental 112	DR HIMAKAR REDDY	KAMBHAM
Sathyabama Dental 113	DR HIMAKAR REDDY	KAMBHAM
Sathyabama Dental 114	Kareema	M
Sathyabama Dental 115	Keerthanasi	Raja
Sathyabama Dental 116	Keerthi	Baskar
Sathyabama Dental 117	Keerthika	Pethanaraj
Sathyabama Dental 118	Keerthana	Prabaharan
Sathyabama Dental 119	Kerenhap	Winsy
Sathyabama Dental 120	gopi	krishna
Sathyabama Dental 121	Harsha	V
Sathyabama Dental 122	Kowsia	S
Sathyabama Dental 123	Vyshakh	Krishna
Sathyabama Dental 124	Cathrin	Bonny
Sathyabama Dental 125	Lahari	Koppolu
Sathyabama Dental 126	Pavani	Dornadula
Sathyabama Dental 127	Lauxy	Shanu
Sathyabama Dental 128	Lavanya	
Sathyabama Dental 129	Laxmi	Aswin kumar
Sathyabama Dental 130	madhubala	maruthiah
Sathyabama Dental 131	Magaa	Lakshman
Sathyabama Dental 132	Maneesha	Shirly
Sathyabama Dental 133	Mansi	Sharma
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Sathyabama Dental 49	Bharanidharan	S
Sathyabama Dental 50	Binu	Roshin
Sathyabama Dental 51	T.Mubeena	Begum
Sathyabama Dental 52	Priyaavarsini	B
Sathyabama Dental 53	Dr. G. Prathiba	Gnanasekaran
Sathyabama Dental 54	Brindha	Gopinath
Sathyabama Dental 55	Caroline Johncy	Selvan
Sathyabama Dental 56	Biprajit	Chakraborty
Sathyabama Dental 57	Cynthia	R
Sathyabama Dental 58	Damodaran	SM
Sathyabama Dental 59	ANKITA	DASH
Sathyabama Dental 60	Bhavirisetty	Deepthi Ragasree
Sathyabama Dental 61	Dharani	Balasubramanian
Sathyabama Dental 62	K	Dharshini
Sathyabama Dental 63	Dharsinii	Mohana Senthil
Sathyabama Dental 64	Dhiya	Zainaba
Sathyabama Dental 65	Dhruv	Singh
Sathyabama Dental 66	Elizabeth Dilina	Justin
Sathyabama Dental 67	Divakar	R
Sathyabama Dental 68	Divya	D
Sathyabama Dental 69	Anjana	G
Sathyabama Dental 70	Brindha	H
Sathyabama Dental 71	Rizwana	Khatun
Sathyabama Dental 72	SHABANA	YASMIN
Sathyabama Dental 73	Kurshid	Tafzal
Sathyabama Dental 74	Kariena	David
Sathyabama Dental 75	Livenica	Saravanan
Sathyabama Dental 76	ELBIN	SAMUEL
Sathyabama Dental 77	FARHANA	M
Sathyabama Dental 78	Anish	Fathima
Sathyabama Dental 79	Gayathri	Nagarajan
Sathyabama Dental 80	Gayathri	G
Sathyabama Dental 81	Govind	Prabhakar Singh
Sathyabama Dental 82	Gracelin Solomon	J
Sathyabama Dental 83	Aditi	Chourasia
Sathyabama Dental 84		greeta
Sathyabama Dental 85	Siva Santhana Lakshmi	Gandhi
Sathyabama Dental 86	HANNAH	JUSTIN
Sathyabama Dental 87	Hannah	Harshavardhani. A
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Sathyabama Dental 4	Deepan	R
Sathyabama Dental 5	Ishwarya	K
Sathyabama Dental 6	Jafrit	Ritu
Sathyabama Dental 7	Jamisha	George
Sathyabama Dental 8	Kaviya	Lakshmi
Sathyabama Dental 9	Keerthi	Varshini
Sathyabama Dental 10	Mahima	Sreenivasa rao
Sathyabama Dental 11	Monisha	Harikrishanan Reddy
Sathyabama Dental 12	Nikhat	Fathima
Sathyabama Dental 13	Niranjana	A
Sathyabama Dental 14	Prakash	Hariharan
Sathyabama Dental 15	Thulasi	S
Sathyabama Dental 16		Sahil
Sathyabama Dental 17	Simona	Mani
Sathyabama Dental 18	Sudar	shini
Sathyabama Dental 19	Sushma	Selvan
Sathyabama Dental 20	Swetha	Sekar
Sathyabama Dental 21	Swetha	Tharesan A
Sathyabama Dental 22	Varshienee	S
Sathyabama Dental 23	Yuva	Sree
Sathyabama Dental 24	Aarthi	Kannaiyan
Sathyabama Dental 25	Abdul ajees	Meeran
Sathyabama Dental 26	Dr.ABHIRAMI	VIJAYAKUMAR
Sathyabama Dental 27	ABRAM	SHIBU JOHN
Sathyabama Dental 28	Aiswarya	Santhosh
Sathyabama Dental 29	Akshaya	Lakshmi
Sathyabama Dental 30	Akshya	Venkataraman
Sathyabama Dental 31	Al	Mubasheera
Sathyabama Dental 32	Amal	Rojer
Sathyabama Dental 33	Amal	Romildan
Sathyabama Dental 34	Maureen	R H
Sathyabama Dental 35	Amrita	Ramanathan
Sathyabama Dental 36	Amrita	Sajeev
Sathyabama Dental 37	Amrutha	Madhusudanan
Sathyabama Dental 38	Krishnaanandhi	D
Sathyabama Dental 39	Andrew	Vincent
Sathyabama Dental 40	Ann	Zacharias
Sathyabama Dental 41	Ansu	Thomas
Sathyabama Dental 42	Arivu	prabha
Sathyabama Dental 43	Aslin	Bemisha
Sathyabama Dental 44	Aswini	R
Sathyabama Dental 45	VIJAYALAKSHMI	S

Dr. S. NACHIAPPAN, M.D.S.,
DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY

PARTICIPATION CERTIFICATES



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Vinodhini S

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Amrutha Madhusudanan

In recognition of your team spirit and participation
in Virtual Compression Only Life Support CPR training to celebrate
World Restart A Heart Day 2021

Held on a virtual platform during September & October 2021

Dr. Siddha SC Chakra Rao
Chairman, Indian Resuscitation Council Federation

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This certificate is awarded to

Amrita Sajeev

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Amrita Ramanathan

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Maureen R H

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Amal Romildan

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Amal Rojer

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Al Mubasheera

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Mahima Sreenivasa Rao

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Keerthi Varshini

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Kaviya Lakshmi

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Jamisha George

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Jafrit Ritu

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Ishwarya K

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Deepan R

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Rithvik Chennupati

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Preethika Ravichandran

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Aswin S

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Farzeen Banu

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Vinodhini S

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Vignesh K

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Aruthrarthini A

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Priyanga V

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Divyasri T Divyasri T

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Seba Therase

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Kaavya R

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DENTAL IMPLANTS

BROCHURE



SATHYABAMA DENTAL COLLEGE & HOSPITAL

Department of Basic Medical Science

Date: 04.04.2021

Topic: Introduction to Dental Materials

Speakers: Dr. Tamil selvi & Dr. N. Venkatalakshmi

Date: 05.04.2021

Topic: Herbs used in Dental implants

Speakers: Dr. Srividya, Dr. Prem Janu & Dr. Anuradha

Date: 06.04.2021

Topic: Biomarkers used in Dental implants

Speakers: Dr. Priya, Dr. Revathy & Dr. Rupasri Dutt Roy

Date: 07.04.2021

Topic: Invitro Characterization of Dental Implants

Speakers: Dr. Prathiba & Dr. Malathy

Date: 08.04.2021

Topic: Invivo Characterization of Dental Implants

Speakers: Dr. Vijay Amithraj & Dr. Jeeva Jerome



COURSE CONTENTS

1. Brochure
2. Program Schedule - with topic, speaker, date and time
3. Content of the program in brief
4. Attendance of the participants
5. Model Participant Certificate
6. List of Participants in Excel Sheet

04.04.2022 - Introduction to Dental Materials

Dental materials and its role in dentistry are discussed. Different dental materials available in marketand its application in dentistry also discussed.

05.04.2022 - Herbs used in Dental implants

Discussed about the different varieties of herbs used in preparing dental implants and theirsignificant properties were highlighted.

06.04.2022 - **Biomaterials used in dental implants**

Discussed about both synthetic and natural biomaterial used in dental implants. Individual material'scontribution in the construction of a dental implant was discussed.

07.04.2022 - In vitro characterization of Dental implants

The different physico-chemical characterization of the implant and herbal extracts were discussedand the methods of interpreting the results were also discussed.

08.04.2022 - In vivo characterization of Dental implants

Selection of animal models, handling the animals and implantation of dental implants in in vivomodels were discussed. The different characterization of dental implants in in vivo models werediscussed.

COURSE OUTCOME:

A comprehensive understanding of the biomechanics of implants and biology of implant basics were nourished based oral rehabilitation. To get practical tips on how to avoid common pitfalls and complications in implantology. Dental materials and its role in dentistry are discussed.Different dental materials available in market and its application in dentistry also discussed. Different varieties of herbs used in preparing dental implants and their significant

propertieswere highlighted. Discussed about both synthetic and natural biomaterial used in dental implants. Individual material's contribution in the construction of a dental implant was discussed. The different physico-chemical characterization of the implant and herbal extracts were discussed and the methods of interpreting the results were also discussed. To achieve a satisfactory degree of skilland confidence in standard implant placement. Selection of animal models, handling the animals and implantation of dental implants in in vivo models were discussed. The different characterization of dental implants in in vivo models were discussed.

ATTENDANCE

SATHYABAMA DENTAL COLLEGE AND HOSPITAL

DEPARTMENT OF BASIC MEDICAL SCIENCES

I BDS-Attendance for the value-added course conducted from

4th April -8th April ,2022

SI.NO	Name	04.04.2022	05.04.2022	06.04.2022	07.04.2022	08.04.2022
1.	ABIYA ESTHER J	4/4/22	5/4/22	6/4/22	7/4/22	8/4/22
2.	AFSIN R	4.4.2022	5.4.2022	6.4.2022	7.4.2022	8.4.2022
3.	ILLENTHENDRAL K	4.4.22	5.4.22	6.4.22	7.4.22	7.4.22
4.	KANNAN S	04.04.22	5.4.22	6.4.22	7.4.22	8.4.22
5.	MEGAN LOURDES SARAVANAKUMAR	4/4/22	5/4/22	6/4/22	7/4/22	8/4/22
6.	NIRANJANAA T S	04.04.22	05.04.22	06.04.22	07.04.2022	08.04.22
7.	PRANIKA P	04/4/22	05/4/22	6/4/22	7/4/22	8/4/22
8.	P PREETHI	4/4/22	5/4/22	6/4/22	7/4/22	8/4/22
9.	SOUNDARYA S	04.04.2022	05.04.2022	06.04.2022	07.04.2022	08.04.2022
10.	THAUHIDA FADDUCH CHOUDHURY	04-04-2022	05-04-2022	06.04.2022	07.04.22	08.04.2022
11.	VIVEKA S	4/4/22	5/4/22	6/4/22	7/4/22	8/4/22
12.	SIVAPRIYA KANNAN	4/4/22	5/4/22	6/4/22	7/4/22	8/4/22
13.	SAYANA C S	4/4/22	5/4/22	6/4/22	7/4/22	8/4/22

HEAD OF THE DEPARTMENT
DEPARTMENT OF ANATOMY
SATHYABAMA
DENTAL COLLEGE & HOSPITAL
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai – 600 119.

S. NO.	REGISTER NUMBER	NAME OF THE STUDENT	04.04.2022	05.04.2022	06.04.2022	07.04.2022	08.04.2022
1	40900001	Abantika Raut					
2	40900002	Abram Shibu John					
3	40900003	Aditi Chourasia					
4	40900004	Almubasheera A M					
5	40900005	Amal Romildan G A					
6	40900006	AslinBemisha S J					
7	40900007	Aswinrajan N P					
8	40900008	Barath K					
9	40900009	Caroline Johncy S					
10	40900010	Celestine Daphnie A					
11	40900011	Dharsinii E.M					
12	40900012	DivyaDharshini M					
13	40900013	Divyasri T					
14	40900014	Farhana M					
15	40900015	Farzeen Banu F					
16	40900016	Gayathri N					
17	40900017	Greeta J					
18	40900018	Hannah Harshavardhani A					
19	40900019	Hannah Justin					

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Chennai – 600 119.

S.NO	Reg Num	Name	04.04.2022	05.04.2022	06.04.2022	07.04.2022	08.04.2022
41	40900041	Ramyaa S R	SR. Ramya	SR Ramya	SR. Ramya	SR Ramya	SR Ramya
42	40900042	Riya Yazhini R					
43	40900043	Sahil Suresh					
44	40900044	Sampras Peter S					
45	40900045	Sandra Alice A	A. Sandra Alice	A. Sandra Alice	A. Sandra Alice	A. Sandra Alice	A. Sandra Alice.
46	40900046	Sanjai Prabha P	Sanjai prabha	Sanjai prabha	Sanjai prabha	Sanjai prabha	Sanjai prabha
47	40900047	Sarumathi J	J. Sarumathi	J. Sarumathi	J. Sarumathi	J. Sarumathi	J. Sarumathi
48	40900048	SebaTherase J					
49	40900049	Sherin Tamil Malar M					
50	40900050	Sherly Carina A	A. Sherly carina	A. Sherly carina	A. Sherly carina	A. Sherly carina	A. Sherly carina
51	40900051	Simon Samuel					
52	40900052	Sindhu N S	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu
53	40900053	Sivalakshmi V R	VR Sivalakshmi	VR Sivalakshmi	VR Sivalakshmi	VR Sivalakshmi	VR. Sivalakshmi
54	40900054	Sneha T					
55	40900055	Subanu L					
56	40900056	Sudarshini C R					
57	40900057	Varshienee S					
58	40900058	Yuvasree V					

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SATHYABAMA
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PARTICIPATION CERTIFICATES


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CERTIFICATE
OF PARTICIPATION
This Certificate is awarded to
ABANTIKA RAUT
Who has participated in the Course on
Dental Implants
Organised by Department of Basic Medical Sciences
Sathyabama Dental College and Hospital, Chennai on 4th April 2022 - 8th April 2022
DR. WILSON ARUNI
Pro Vice Chancellor
DR. P. Tamilselvi
Organiser, HOD - Anatomy Department
DR. B. THAYUMANAVAN
Dean

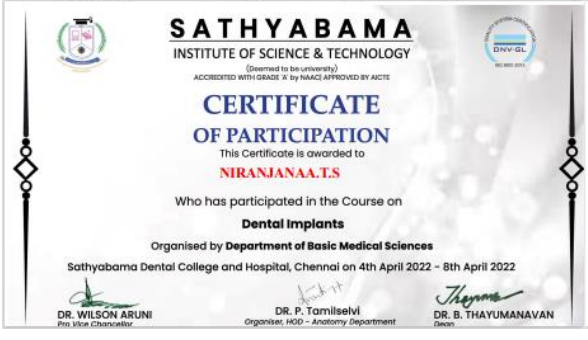

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ACCREDITED WITH GRADE 'A' by NAAC| APPROVED BY AICTE
CERTIFICATE
OF PARTICIPATION
This Certificate is awarded to
KANNAN.S
Who has participated in the Course on
Dental Implants
Organised by Department of Basic Medical Sciences
Sathyabama Dental College and Hospital, Chennai on 4th April 2022 - 8th April 2022
DR. WILSON ARUNI
Pro Vice Chancellor
DR. P. Tamilselvi
Organiser, HOD - Anatomy Department
DR. B. THAYUMANAVAN
Dean


SATHYABAMA
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This Certificate is awarded to
MEGAN LOURDES SARAVANAKUMAK
Who has participated in the Course on
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This Certificate is awarded to
NIRANJANAA.T.S
Who has participated in the Course on
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DR. WILSON ARUNI
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DR. P. Tamilselvi
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Dean

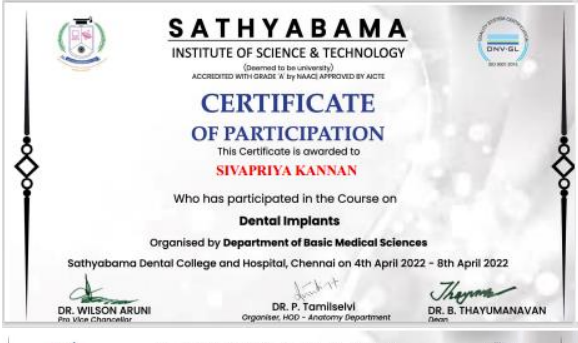

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This Certificate is awarded to
PRANIKA.P
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PREETHI.P
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This Certificate is awarded to
SOUNDARYA.S
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This Certificate is awarded to
THAOUHIDA FADDUCH
CHOUDHURY
Who has participated in the Course on
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This Certificate is awarded to
VIVEKA.S
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SAYANA.C.S
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This Certificate is awarded to
ABIYA ESTHER.J
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SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED UNIVERSITY)

(ACCREDITED "A" Grade by NAAC) (12B Status by UGC) (Approved by AICTE & PCI, New Delhi)

NAAC NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

AICTE

nirf NATIONAL INSTITUTIONAL RANKING FRAMEWORK

SCHOOL OF PHARMACY

Organizing

VALUE ADDED PROGRAM

Theme: *"Recent Advances In Pharmaceutical Research"*

Participants: All the III B.Pharmacy-VI semester students.

Dates: 01st-June-2022 to 05th-July-2022

75 % attendance and 50 %overall marks is required to get the certificate.

Chief Patrons

Dr. Mariazeena Johnson., Chancellor, SIST

Dr. Marie Johnson., President, SIST

Mr. J. Arul Selvan., Vice-President, SIST

Mrs. Maria Bernadette Tamilarasi., Vice-president, SIST

Ms. Maria Catherine Jayapriya., Vice-president, SIST

Patrons

Dr. T. Sasipraba., Vice Chancellor, SIST

Convenor

Dr. P. Shanmugapandiyan., Dean, School of Pharmacy

Coordinator

Dr. S. Arun Kumar., Professor, School of Pharmacy

Organizing Members

Dr. Delhiraj. N, Associate Professor

Dr.Porselvi. A, Assistant Professor

Dr. M. Arun Sundar, Associate Professor

Dr. Thirumalaikumaran, Assistant Professor

Dr. P. SHANMUGAPANDIYAN
Dean, School of Pharmacy
Sathyabama Institute of Science and Technology
(Deemed to be University)
Chennai-600 119

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SCHEDULES OF THE VALUE ADDED PROGRAM

(1st - June-2022 to 05th-July-2022)

S.No	Name of the Staff	Topic Covered	Date	Duration
1	**Dr.P.SHANMUGAPANDIYAN**	Reactions of Synthetic importance	01-06-2022 to 03-06-2022	**3 hrs**
2	**DR.DELHIRAJ.N**	Analysis of Biological Samplings	04-06-2022 to 07-06-2022	**3 hrs**
3	**DR.A.PORSELVI**	Pharmacovigilance	08-06-2022 to 10-06-2022	**3 hrs**
4	**DR.R.THIRNMALAIKUMARAN**	Herbal Formulations	11-06-2022 to 14-06-2022	**3 hrs**
5	**DR.ARUNSUNDAR.M**	Vaccine development in current scenario-COVID	15-06-2022 to 17-06-2022	**3 hrs**
6	**DR.S.ARUN KUMAR**	Computer Aided Drug Design	18-06-2022 to 21-06-2022	**3 hrs**
7	**Dr.M.JEEVITHA**	Nano particles	22-06-2022 to 24-06-2022	**3 hrs**
8	**MR.V.ANDIRAN**	Monoclonal Antibodies	25-06-2022 to 28-06-2022	**3 hrs**
9	**Dr.B.SELVARAJ** **TTK Health care Ltd, Chennai.**	Applications of Magnetic Microspheres	29-06-2022 to 01-07-2022	**3 hrs**
10	**Mr.S.ARUN KUMAR** **ICON Health care. Chennai.**	Pharma Marketing strategy in India	02-07-2022 to 05-07-2022	**3 hrs**
			Total No. of hours taken	**30 hrs**

OUTCOMES OF THE COURSE:

After the successful completion of this course, the student shall be able to:

- *Acquire high consciousness of current issues related to pharmaceutical problems within the country and worldwide.*
- *Have a critical way of thinking based on current research in pharmaceutical field development.*
- *Evaluate alternative ways of solving problems in discovering new drug molecules, dosage forms and screening.*
- *Analyze and interpreted the data for the method and formulation development.*
- *Practicing the methods to identify the drug-drug interactions*

Dr. P. SHANMUGAPANDIYAN
Dean, School of Pharmacy
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SCHOOL OF PHARMACY

RECENT ADVANCES IN PHARMACEUTICAL RESEARCH

- Students Attended: **III Year B.Pharm-VI Semester**
- No.of Students attended: **54**
- Mode of classes: **Online (ZOOM)**
- Time of classes taken: **06:30 PM onwards**

Schedule of the classes along with topics taken by the Staff

S.No	Name of the Staff	Topic Covered	Date	Duration
1	**Dr.P.SHANMUGAPANDIYAN**	Reactions of Synthetic importance	01-06-2022 to 03-06-2022	**3 hrs**
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9	**Dr.B.SELVARAJ** **TTK Health care Ltd, Chennai.**	Applications of Magnetic Microspheres	29-06-2022 to 01-07-2022	**3 hrs**
10	**Mr.S.ARUN KUMAR** **ICON Health care. Chennai.**	Clinical Studies	02-07-2022to 05-07-2022	**3 hrs**
			Total No. of hours taken	**30 hrs**

Dean

Dr. P. SHANMUGAPANDIYAN
Dean, School of Pharmacy
Sathyabama Institute of Science and Technology
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Chennai-600 119

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OUTCOMES OF VALUE ADDED PROGRAM

RECENT ADVANCES IN PHARMACEUTICAL RESEARCH

OUTCOMES OF THE COURSE:

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2. Have a critical way of thinking based on current research in pharmaceutical field development.
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4. Analyze and interprete the data for the method and formulation development.
5. Practicing the methods to identify the drug-drug interactions.

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SYLLABUS OF VALUE ADDED PROGRAM

RECENT ADVANCES IN PHARMACEUTICAL RESEARCH

S.No	Topic Covered	Syllabus	Duration
1	Reactions of Synthetic importance	Synthesis of heterocyclic compounds by addition and substitution	3 hrs
2	Analysis of Biological Samplings	Types of biological samples and various Techniques to analyze the biological samples	3 hrs
3	Pharmacovigilance	Importance of Pharmacovigilance and Identification of drug -drug interactions with case studies	3 hrs
4	Herbal Formulations	Importance of herbal medicine in the current era, various herbal formulations, methods of manufacturing	3 hrs
5	Vaccine development in current scenario-COVID	Natural and Acquired immunity, vaccine development and its impact during in COVID.	3 hrs
6	Computer Aided Drug Design	Pharmaceutical importance of CADD, Techniques	3 hrs
7	Nano particles	Techniques for synthesizing of Green, copper and silver nanoparticles	3 hrs
8	Monoclonal Antibodies	Production of Monoclonal Antibodies and Pharmaceutical applications	3 hrs
9	Applications of Magnetic Microspheres	Preparation methods and characterization of the magnetic microspheres	3 hrs
10	Pharma Marketing strategy in India	Pharma marketing in India, Economical status, online business.	3 hrs

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Chennai-600 119

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VALUE ADDED PROGRAM

RECENT ADVANCES IN PHARMACEUTICAL RESEARCH

01st-June-2022 to 07th-July-2022

ATTENDANCE SHEET

S.No	Registration Number	Student Name	1 01-06-22	2 02-06-22	3 03-06-22	4 04-06-22	5 06-06-22	6 07-06-22	7 08-06-22	8 09-06-22	9 10-06-22	10 11-06-22	11 13-06-22	12 14-06-22	13 15-06-22	14 16-06-22	15 17-06-22	16 18-06-22	17 20-06-22	18 21-06-22	19 22-06-22	20 23-06-22	21 24-06-22	22 25-06-22	23 27-06-22	24 28-06-22	25 29-06-22	26 30-06-22	27 01-07-22	28 02-07-22	29 04-07-22	30 05-07-22
1	39050001	ABINESH BABU. M	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	39050002	ABISHEK. P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	39050003	AGILAN. V	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
4	39050004	ANAND RAJ. K.R	P	P	P	P	P	P	P	A	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	39050005	ANBUMANI. A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
6	39050006	ARCHANA. D	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	39050008	BACEER. N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	39050009	BALAJI. N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
9	39050010	CHITHIRAISELVI. T	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	39050011	DEEPAK. M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
11	39050012	DEEPAN BALAJI. M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	39050013	DILIP KUMAR. S	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	39050014	DILLI BABU. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
14	39050015	GOKUL. V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	39050017	INDRA. K	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	39050018	JAYAPRIYA. G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	39050019	JAYASHREE. V	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	39050020	JEEVARATHINAM. M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	39050021	KARTHICK. M	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	39050022	KARTHIK. V	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	39050023	KATHIRESAN. M	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	39050024	KAVIYANJALI. R	P	P	P	A	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	39050025	KEERTHANA. V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	39050026	KOKILA. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	39050027	KRITHIGA. E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	39050028	LALITHA. P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	39050030	MOHANAPRIYA. B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	39050031	NARANDHAR PRASATH. V	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	39050032	NITHISH KUMAR. S	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	39050033	NITHYA DHARANI. B	P	P	P	A	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	39050034	NIVEDITHA. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	39050035	NIVETHA. S	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	39050036	PAVITHRA. K	P	P	P	P	A	P	P	A	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	39050037	PAVITHRA. S	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	39050040	PURUSHOTHAMAN. G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	39050041	RASIGA. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	39050042	RUPPANA. S	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	39050043	SAKTHI PRIYA. P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	39050044	SANDEEP. V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	39050045	SANDHIYA. A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	39050046	SANDHOSHINI. D	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	39050049	SHERLYN YESUDIAL. A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	39050050	SHYAM SUDARSAN. S	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	39050051	SOUNDRAPANDIAN. T	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	39050052	SRI DHANUSH. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	39050053	SUREKA. B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	39050054	SURENDAR. T	P	P	P	P	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	39050055	SUVA LAKSHMMI. A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	39050056	THANIKACHALAM. C	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	39050057	VARSHINI. K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	39050058	VELMURUGAN. R	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	39050059	VIDHYAGAR. B	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	39050060	YESHWANTH. K	P	P	P	P	A	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	39050701	SANTHOSH KUMAR.R	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Dr. P. SHANMUGAPANDIYAN
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(ACCREDITED "A" Grade by NAAC) (12B Status by UGC) (Approved by AICTE & PCI, New Delhi)

SCHOOL OF PHARMACY

Organizing

VALUE ADDED PROGRAM

Theme: *"Recent Advances In Pharmaceutical Research"*

CERTIFICATE

This is to certify that Mr. /Ms./Mrs. **VARSHINI. K** bearing registration number **39050057** student of B.Pharm of School of Pharmacy has successfully completed the **30 hours Value added course** on ***"Recent Advances In Pharmaceutical Research"*** held during 01st-June-2022 to 05th-July-2022 at Sathyabama Institute of Science and Technology, Chennai, Tamilnadu, India.

Dr. S. Arun Kumar
Coordinator

Dr. P. Shanmugapandiyan
Dean, School of Pharmacy

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(Deemed to be University)

School of Bio and Chemical Engineering
Department of Biomedical Engineering
offers
A value added course
on

INSTRUMENTATION OF CRITICAL CARE EQUIPMENT

Date: 19th - 24th July, 2021
Duration: 30 Hours

Course Outcomes

- Provide hands on training and preliminary troubleshootal care equipment's
- Train to perform basic system setups, disassemble the unit and replace all serviceable components.
- The in-depth knowledge of the equipment's will give the participants a fruitful learning experience.

Course Content

- Cardiac Defibrillators - DC Defibrillator
- Surgical diathermy machine – Principle – Working Hazards and safety aspects in ESU
- Haemodialysis Machines - Artificial Kidney - Dialyzers - Membranes
- Heart Lung Machine – Oxygenators-Pumps
- Anesthesia Machine –Components - Electronics in Anesthesia machine, Ventilators
- Infusion Pumps- Components- Implantable infusion pumps
- Insulin Pumps- Syringe Pumps
- Incubators-Radiant Warmer – Phototherapy Units

Program Coordinator

Dr. T. Sudhakar
Dr. Bethanney Janney J

17a

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DEPARTMENT OF BIOMEDICAL ENGINEERING
BATCH 2018-2022 (19/7/21 - 24/7/21)
STUDENTS NAME LIST

S. No.	Reg. Number	Student Name	19/7	20/7	21/7	22/7	23/7	24/7
1	38240001	Abhishek. S	P	P	P	P	P	P
2	38240002	Afif. A. S	P	P	P	A	P	P
3	38240003	Ajay. R	P	P	P	P	P	A
4	38240004	Akshya. V	P	P	P	P	A	P
5	38240005	Aneeshwar. M	a	A	P	A	P	P
6	38240006	Avigna Sai	P	P	P	A	P	P
7	38240007	Blessy. N. S	P	P	a	P	P	P
8	38240009	Hemaprakash. V. K	A	P	P	P	P	A
9	38240011	Jinu Jacob. Y	P	P	P	P	A	P
10	38240012	Kanimozhi. K	P	P	P	P	P	P
11	38240013	Kavitha. E	P	a	P	P	P	P
12	38240014	Marilyn Rija. W	P	P	A	P	P	P
13	38240015	Mercy. S	P	P	P	P	A	P
14	38240017	Mohamed Bashim	A	P	P	P	P	P
15	38240018	Monica. P	P	P	A	P	P	P
16	38240019	Nandha Kumar. P	P	P	P	P	P	A
17	38240020	Nisitha. S	P	P	P	A	P	P
18	38240021	Nivetha. J	P	P	P	P	A	P
19	38240022	Partha Sarathy. S	P	A	P	P	P	P
20	38240023	Pavithra. G. S	P	P	P	P	P	P
21	38240024	Poojasakthi. S	P	P	P	P	P	A
22	38240025	Raghavi. T	P	P	P	A	P	P
23	38240026	Rahul Nandy Majumdar	a	P	P	P	P	A
24	38240027	Ramachandran. K. S	P	P	A	P	P	P
25	38240028	Renuka. S	P	A	P	P	P	P
26	38240029	Saheer Anas	P	P	P	P	A	P
27	38240030	Sandra Ann. R	P	P	P	A	P	P
28	38240032	Santra. E	P	P	P	P	A	P
29	38240033	Shamruthi. T	P	P	P	P	P	P
30	38240034	Sharon Benetta. W	P	P	P	P	A	P

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S. No.	Reg. Number	Student Name						
31	38240035	Sindesh. C. S	P	P	P	A	P	A
32	38240036	Sivagami. K	P	P	P	P	P	A
33	38240037	Snega. V	A	A	P	P	P	P
34	38240038	Stephin Britto. A	P	P	P	P	A	P
35	38240039	Sundar. T	P	P	P	P	P	P
36	38240040	Vasanth Kumar. S	P	A	P	P	P	P
37	38240041	Vasundara. J	A	P	P	P	P	P
38	38240042	Vukka Lakshmidhar	P	P	A	P	P	A
39	38240043	Harish. T. S	P	P	P	A	P	P

Program Coordinator
Dr T. Sudhakar
Dr Bethanney Janney. J

HOD Signature 24/8/21

HEAD OF THE DEPARTMENT
DEPARTMENT OF BIOMEDICAL ENGINEERING
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BATCH 2019-2023
STUDENTS NAME LIST

S. No	Reg.No	Name of the Student	19/7	20/7	21/7	22/7	23/7	24/7
1	39240001	Aakesh. U	P	P	P	P	P	P
2	39240002	Arshvariya Shivani. S	P	A	P	P	P	P
3	39240003	Aishwarya J	P	P	P	P	A	P
4	39240004	Aishwarya Mohan Kumar	P	P	P	P	P	P
5	39240005	Akshara D	P	P	P	P	P	P
6	39240006	Akshara S	P	P	A	P	P	P
7	39240007	Ancy Hannah Charlet. A	P	P	P	P	P	P
8	39240008	Aravinth R	P	P	P	P	P	P
9	39240009	Atchaya. E	P	A	P	P	P	P
10	39240010	Bhavani Sri. S	P	P	P	P	P	P
11	39240011	Catherine Melita Pradhiksha P	P	P	P	A	P	P
12	39240012	Chelsea Hannah. A	P	P	P	P	P	A
13	39240013	Darren Akash. J	P	P	P	P	P	P
14	39240014	Dharanivasan. V	P	P	P	P	P	A
15	39240015	Dilip E K	P	P	A	A	P	P
16	39240016	Divya R	P	P	P	P	A	P
17	39240017	Geethanjali G	P	P	P	P	P	P
18	39240018	Hepzibah Susan. M	P	P	P	P	P	P
19	39240019	Keerthana R	P	P	P	P	P	P
20	39240020	Keerthivasan. V	P	P	P	P	P	P
21	39240021	Kishore. R	P	P	P	P	P	P
22	39240022	Krisha. H	P	P	P	P	P	P
23	39240023	Lochana. P	P	P	P	P	A	P
24	39240024	Mahalakshmi. V	P	A	P	P	P	P
25	39240025	Meena Manjuri. J	P	P	P	P	P	P
26	39240026	Monica.S	P	P	P	P	P	P
27	39240027	Nisha.S	P	P	P	P	P	P
28	39240028	Periyanayagam Rozario.B	A	P	P	A	P	P
29	39240029	Poojasri S	P	P	P	P	P	P
30	39240030	Prerana. S	A	P	P	P	P	P
31	39240031	Renitta D	A	P	P	P	P	P
32	39240032	Riddhita Thakur	P	A	P	P	P	P
33	39240033	Subari K	P	P	A	P	P	P
34	39240034	Sabitha S	P	P	P	P	P	P
35	39240035	Santhip Shanmugam A	A	P	P	P	P	A
36	39240036	Sheeba Sri. B	P	P	P	P	P	P
37	39240037	Sheryl Robinson	P	P	P	P	P	P
38	39240038	Steffy Reena. N	P	P	P	P	P	P
39	39240039	Tamil Maran K	P	A	P	P	P	P
40	39240040	Tamizhlarasi	P	P	P	P	P	P
41	39240041	Yaswant Rajasekaran	A	P	P	P	P	P

HEAD OF THE DEPT. - Mtr. P
DEPARTMENT OF BIOMEDICAL ENGINEERING
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar Rajiv Gandhi Salai
Chennai - 600 119

24/7/21

Program Co-ordinators
Dr J Sudhakar - J. Sudhakar
Dr J Bethanney Janney - Bethanney
HOD Signature

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CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. AFIF. A. S student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

Dr. Bethanney Janney J
PROGRAM CO-ORDINATOR
BIOMEDICAL

Dr. T. Sudhakar
PROGRAM CO-ORDINATOR &
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QUALITYSYSTEM CERTIFICATION DNV·GL ISO 9001:2015

CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. AISHWARYA J student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

Dr. Bethanney Janney J
PROGRAM CO-ORDINATOR
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CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. ANEESHWAR. M student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

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CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. ARAVINTH R student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

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QUALITYSYSTEM CERTIFICATION DNV·GL ISO 9001:2015

CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. BLESSY. N. S student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

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CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. CHELSEA HANNAH. A student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

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CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. DIVYA R student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

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QUALITYSYSTEM CERTIFICATION DNV·GL ISO 9001:2015

CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. KEERTHIVASAN. V student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

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CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. MARILYN RIJA. W student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

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CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. MONICA. P student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

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CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. NISHA.S student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

Dr. Bethanney Janney J
PROGRAM CO-ORDINATOR
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Dr. T. Sudhakar
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CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. NIVETHA. J student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

Dr. Bethanney Janney J
PROGRAM CO-ORDINATOR
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CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. PARTHA SARATHY. S student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

Dr. Bethanney Janney J
PROGRAM CO-ORDINATOR
BIOMEDICAL

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ISO 9001:2015

CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. RAGHAVI. T student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

Dr. Bethanney Janney J
PROGRAM CO-ORDINATOR
BIOMEDICAL

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QUALITYSYSTEM CERTIFICATION DNV·GL ISO 9001:2015

CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. RENITTA D student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

Dr. Bethanney Janney J
PROGRAM CO-ORDINATOR
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ISO 9001:2015

CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. SAHEER ANAS student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

Dr. Bethanney Janney J
PROGRAM CO-ORDINATOR
BIOMEDICAL

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QUALITYSYSTEM CERTIFICATION DNV·GL ISO 9001:2015

CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. SHARON BENETTA. W student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

Dr. Bethanney Janney J
PROGRAM CO-ORDINATOR
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CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. SHERYL ROBINSON student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

Dr. Bethanney Janney J
PROGRAM CO-ORDINATOR
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CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. VASANTH KUMAR. S student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

Dr. Bethanney Janney J
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QUALITYSYSTEM CERTIFICATION DNV·GL ISO 9001:2015

CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. YASWANT RAJASEKARAN student of Biomedical Engineering has successfully completed the 30 hours Value added course on "INSTRUMENTATION OF CRITICAL CARE EQUIPMENT" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 19.07. 2021 to 24.07.2021.

Dr. Bethanney Janney J
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A value added course
on

VIRTUAL BIOINSTRUMENTATION

Date: 13th - 18th September, 2021
Duration: 30 Hours

Course Outcomes

- The purpose of the proposed program is to gain knowledge and hands-on experience in Model Based Design using LabVIEW focus on Real Time Applications.
- The training program addresses how the hardware and software modules interface with Sensors to acquire real world signals, to analyze them and present them in an intelligent manner
- LabVIEW is a powerful graphical development environment for signal acquisition, measurement analysis, data logging and data presentation, giving the flexibility in programming. It is an Enabling industry leading software tool

Course Content

- Introduction to LabVIEW
- Programming fundamentals
- Exploring LabVIEW
- Wave form generator
- Temperature Analyzer
- Band pass filter
- 60 Hz notch filter
- Simulation of Bio signals and data logging
- Acquire, Process, Analyze and saving of data
- Arrhythmia Detector
- Heart rate detector
- EEG Analyzer for seizure detection
- Simulation of pace maker

Program Coordinator

Dr. J. Premkumar
Ms. Sindu Divakaran
Dr. S. Krishnakumar

(18)

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DEPARTMENT OF BIOMEDICAL ENGINEERING
BATCH 2021-2023, 2020-2022
STUDENTS NAME LIST

13/9/21 – 18/9/21

S. No	Register Number	Name	13/9	14/9	15/9	16/9	17/9	18/9
1	41440001	ADITH RAGHUNATH	P	a	P	P	P	P
2	41440002	AFREEN BANU F	P	P	a	P	P	P
3	41440003	ASHWATHI H	a	P	P	P	P	P
4	41440004	BABISHA J	P	P	P	P	P	a
5	41440005	HARITHA K	P	P	P	P	a	P
6	41440006	HEMALATHA M	P	P	P	P	P	P
7	41440007	JENNIFER J	P	P	P	a	P	P
8	41440008	MERCY GRACE M	P	a	P	P	P	P
9	41440009	MOSHIKANALINI K	a	P	P	P	P	P
10	41440010	SABARIVEL R	P	P	a	P	P	P
11	41440011	SOLLENSELVAN V	P	P	P	P	P	P
12	41440012	SOUNDER S K	a	P	P	P	P	P
13	41440013	VIGNESHWARAN S	P	P	P	P	P	a
14	41440014	WAJIHA SAFEEN C	P	P	P	P	P	P
15	40440001	ABHIJEET BHARATHAN	P	P	a	P	P	P
16	40440002	BALAJI RAYAPPAN C	P	P	P	P	a	P
17	40440003	CHARAN M A	P	P	P	a	P	P
18	40440004	NANDHINI A	P	P	P	P	P	P
19	40440005	NISHITHA R	P	a	P	P	P	P
20	40440006	PREETHA V	P	P	P	a	P	P
21	40440007	SHALINI S	P	P	P	P	P	a
22	40440008	SHINY BLESHINA S	P	P	P	P	P	P
23	40440009	SWEDHA V	P	a	P	P	P	P
24	40440010	VARSHAN	P	P	P	P	a	P

Program Co-ordinator
Dr J. Poemkumar –
Ms Sindu Divakaran
Dr S. Krishnakumar

14/9/21

HEAD OF THE DEPARTMENT
DEPARTMENT OF BIOMEDICAL ENGINEERING
SATHYABAMA
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Chennai-600 119

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Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119

CERTIFICATE OF APPRECIATION

This is to certify that Mr. VIGNESHWARAN V student of Biomedical Engineering has successfully completed the 30 hours Value added course on "VIRTUAL BIOINSTRUMENTATION" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 13.09. 2021 to 18.09.2021.

Dr. J. PREMKUMAR
PROGRAM CO-ORDINATOR

Ms. SINDU DIVAKARAN
PROGRAM CO-ORDINATOR

DR. T. SUDHAKAR
HOD-BIOMEDICAL

SATHYABAMA

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CERTIFICATE OF APPRECIATION

This is to certify that Mr. SABARIVEL R student of Biomedical Engineering has successfully completed the 30 hours Value added course on "VIRTUAL BIOINSTRUMENTATION" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 13.09. 2021 to 18.09.2021.

Dr. J. PREMKUMAR
PROGRAM CO-ORDINATOR

Ms. SINDU DIVAKARAN
PROGRAM CO-ORDINATOR

DR. T. SUDHAKAR
HOD-BIOMEDICAL

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CERTIFICATE OF APPRECIATION

This is to certify that Mr. SOLLENSELVAN V student of Biomedical Engineering has successfully completed the 30 hours Value added course on "VIRTUAL BIOINSTRUMENTATION" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 13.09. 2021 to 18.09.2021.

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PROGRAM CO-ORDINATOR

Ms. SINDU DIVAKARAN
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CERTIFICATE OF APPRECIATION

This is to certify that Mr. ABHIJEET BHARATHAN student of Biomedical Engineering has successfully completed the 30 hours Value added course on "VIRTUAL BIOINSTRUMENTATION" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 13.09. 2021 to 18.09.2021.

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CERTIFICATE OF APPRECIATION

This is to certify that Mr. ADITH RAGHUNATH student of Medical Instrumentation has successfully completed the 30 hours Value added course on "VIRTUAL BIOINSTRUMENTATION" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 13.09. 2021 to 18.09.2021.

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PROGRAM CO-ORDINATOR

Ms. SINDU DIVAKARAN
PROGRAM CO-ORDINATOR

DR. T. SUDHAKAR
HOD-BIOMEDICAL

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CERTIFICATE OF APPRECIATION

This is to certify that Ms. SHINY BLESHINA student of Medical Instrumentation has successfully completed the 30 hours Value added course on "VIRTUAL BIOINSTRUMENTATION" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 13.09. 2021 to 18.09.2021.

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CERTIFICATE OF APPRECIATION

This is to certify that Ms. NANDHINA A student of Medical Instrumentation has successfully completed the 30 hours Value added course on "VIRTUAL BIOINSTRUMENTATION" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 13.09. 2021 to 18.09.2021.

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PROGRAM CO-ORDINATOR

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CERTIFICATE OF APPRECIATION

This is to certify that Ms. SWEDHA V student of Medical Instrumentation has successfully completed the 30 hours Value added course on "VIRTUAL BIOINSTRUMENTATION" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 13.09. 2021 to 18.09.2021.

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PROGRAM CO-ORDINATOR

Ms. SINDU DIVAKARAN
PROGRAM CO-ORDINATOR

DR. T. SUDHAKAR
HOD-BIOMEDICAL

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CERTIFICATE OF APPRECIATION

This is to certify that Ms. HARITHA K student of Medical Instrumentation has successfully completed the 30 hours Value added course on "VIRTUAL BIOINSTRUMENTATION" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 13.09. 2021 to 18.09.2021.

Dr. J. PREMKUMAR
PROGRAM CO-ORDINATOR

Ms. SINDU DIVAKARAN
PROGRAM CO-ORDINATOR

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CERTIFICATE OF APPRECIATION

This is to certify that Ms. MERCY GRACE M student of Medical Instrumentation has successfully completed the 30 hours Value added course on "VIRTUAL BIOINSTRUMENTATION" organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 13.09. 2021 to 18.09.2021.

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PROGRAM CO-ORDINATOR

Ms. SINDU DIVAKARAN
PROGRAM CO-ORDINATOR

DR. T. SUDHAKAR
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SCHOOL OF BIO AND CHEMICAL ENGINEERING
DEPARTMENT OF BIOMEDICAL ENGINEERING
OFFERS
A VALUE ADDED COURSE
ON
REAL TIME PYTHON BASED DATA AQUISITION

Date: 14th - 24th February, 2022
Duration: 30 Hours

Course Outcomes

- **Outline the structure and components of a Python program**
- **Explain loops and decision statements in Python**
- **Illustrate class inheritance in Python for reusability**
- **Choose lists, tuples, and dictionaries in Python programs**
- **Assess object-oriented programs with Python classes**
- **Develop simple code for biomedical applications**

Course Content

- **Introduction To Python, Data Types**
- **Expressions, Loops**
- **Strings And Text Files**
- **Lists And Dictionaries**
- **Design With Functions**
- **Design with Recursive Functions and Managing a Program's Namespace**
- **Design With Classes**
- **Objects and Classes, Data Modeling**
- **Structuring Classes with Inheritance and Polymorphism**
- **Ex: Patient Monitoring, Analysis of Biosignals**

Program Coordinator

Dr. T. Sudhakar
Dr. P. Grace Kanmani
Dr. J. Bethanney Janney

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DEPARTMENT OF BIOMEDICAL ENGINEERING

BATCH 2020-2024

STUDENTS NAME LIST

14/2/22 - 24/2/22

S.No	Reg. Number	Student Name	14/2	16/2	18/2	20/2	22/2	24/2
1.	40240001	Aadhitya. S	A	P	P	P	P	P
2.	40240002	Abiraj. B	P	P	P	P	P	P
3.	40240003	Angelin Winslet. C	P	P	P	P	P	P
4.	40240004	Anuska Chakravarty	P	P	P	A	P	P
5.	40240005	Arokiya Rahul. W	P	P	P	P	P	P
6.	40240006	Daniel. R	P	P	A	P	P	P
7.	40240007	Danny Roy	P	P	P	P	A	P
8.	40240008	Dharani.K	P	P	P	P	P	P
9.	40240009	Fazila. A	P	P	P	P	P	P
10.	40240010	Haripriya Bhattaru	P	P	P	P	P	P
11.	40240011	Jai Akash.B	P	P	P	P	P	A
12.	40240012	Jeffrey Delaperle	P	P	P	P	P	P
13.	40240013	Jey Surya. S	P	P	P	P	P	P
14.	40240014	John Wesley. I	P	A	P	P	P	P
15.	40240015	Kamalesh.R	P	P	P	P	P	P
16.	40240016	Manasa.V	P	P	P	P	P	P
17.	40240017	Mathangi. B	P	P	P	P	P	P
18.	40240018	Meenatchi S	P	P	P	P	P	P
19.	40240019	Mohamed Azarudeen. S	P	P	P	P	P	P
20.	40240020	Mohammed Thoufeeq. A	P	P	P	P	P	P
21.	40240021	Najeeba. M	P	P	P	P	P	P
22.	40240022	Ponni. S	A	P	P	P	P	P
23.	40240023	Prakkrith.V	P	P	P	P	P	P
24.	40240024	Raghul. A	P	A	P	P	P	P
25.	40240025	Renny Valentina. N	P	P	P	P	P	A
26.	40240026	Rishon V	P	P	P	A	P	P
27.	40240027	Roshan. B	P	P	P	P	A	P
28.	40240028	Rufina Magdalin Shallowin. S	P	A	P	P	P	P
29.	40240029	Sam Judit. J.V	P	P	P	P	P	A
30.	40240030	Saraswathi. B	P	P	P	P	P	A
31.	40240031	Sethuraman K	P	P	P	P	P	P
32.	40240032	Shanuja.M	P	P	P	P	A	P
33.	40240033	Shamisha. M	P	P	P	A	P	P
34.	40240034	Shruthi.L	P	P	P	P	P	A
35.	40240035	Sindhu Ela	A	P	P	P	P	P

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S.No	Reg. Number	Student Name						
36.	40240036	Srinivasan R.	P	P	P	P	P	P
37.	40240037	Sristi. S.V	P	P	P	A	P	P
38.	40240038	Srivari Mukunth. S	P	P	A	P	P	P
39.	40240039	Sudhishna. I	P	P	P	P	P	P
40.	40240040	Suganth.S	P	P	P	P	P	P
41.	40240041	Sushmitha.S	P	A	P	P	P	P
42.	40240042	Tejaswini. S	P	P	P	P	P	P
43.	40240043	Vijayalakshmi. B	P	P	A	P	P	P
44.	40240044	Yogapriya K	P	P	P	P	A	P
45.	40240045	Isha Ingrole	P	P	P	P	P	P
46.	40240046	Rancy Irene Jose	P	P	P	P	P	P
47.	40240047	Shyam Sundar	P	P	P	P	A	P
48.	40240048	Anumehaa. K. S	P	P	A	P	P	P

Program Coordinator

Dr T Sudhakar - T Sudhakar

Dr P. Gracekanman. P

Dr Bethanney Janney. J - Bethanney

T Sudhakar 29/2/22

Head of the Department
DEPARTMENT OF BIOMEDICAL ENGINEERING
SATHYABAMA
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CHENNAI –600119
www.sathyabama.ac.in

School of Bio and Chemical Engineering

Department of Biomedical Engineering

CERTIFICATE OF PARTICIPATION

This certificate is awarded to **Mr. Aadhitya S** Department of Biomedical Engineering , Sathyabama Institute of Science and Technology for participating in **10 day certification course** on ***"Real Time Python Based Data Aquisition ",*** conducted by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai, in association with AICTE SC/ST Skill and Personality development Centre from ***14.02.2022 to 24.02.2022.***

Dr. J . Bethanney Janney	**Dr. P. Grace Kanmani Prince**	**Dr. T. Sudhakar**
Associate Professor	Associate Professor	HOD-Biomedical

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This certificate is awarded to **Mr. Abiraj B** Department of Biomedical Engineering , Sathyabama Institute of Science and Technology for participating in **10 day certification course** on ***"Real Time Python Based Data Aquisition ",*** conducted by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai, in association with AICTE SC/ST Skill and Personality development Centre from ***14.02.2022 to 24.02.2022.***

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This certificate is awarded to **Mr. Danny Roy** Department of Biomedical Engineering , Sathyabama Institute of Science and Technology for participating in **10 day certification course** on ***"Real Time Python Based Data Aquisition ",*** conducted by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai, in association with AICTE SC/ST Skill and Personality development Centre from ***14.02.2022 to 24.02.2022.***

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This certificate is awarded to **Ms. Fazila A** Department of Biomedical Engineering , Sathyabama Institute of Science and Technology for participating in **10 day certification course** on ***"Real Time Python Based Data Aquisition ",*** conducted by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai, in association with AICTE SC/ST Skill and Personality development Centre from ***14.02.2022 to 24.02.2022.***

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This certificate is awarded to **Mr. Jey Surya S** Department of Biomedical Engineering , Sathyabama Institute of Science and Technology for participating in **10 day certification course** on ***"Real Time Python Based Data Aquisition ",*** conducted by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai, in association with AICTE SC/ST Skill and Personality development Centre from ***14.02.2022 to 24.02.2022.***

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This certificate is awarded to **Mr. John Wesley I** Department of Biomedical Engineering , Sathyabama Institute of Science and Technology for participating in **10 day certification course** on ***"Real Time Python Based Data Aquisition ",*** conducted by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai, in association with AICTE SC/ST Skill and Personality development Centre from ***14.02.2022 to 24.02.2022.***

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This certificate is awarded to **Ms. Manasa V** Department of Biomedical Engineering , Sathyabama Institute of Science and Technology for participating in **10 day certification course** on ***"Real Time Python Based Data Aquisition ",*** conducted by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai, in association with AICTE SC/ST Skill and Personality development Centre from ***14.02.2022 to 24.02.2022.***

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This certificate is awarded to **Ms. Meenatchi S** Department of Biomedical Engineering , Sathyabama Institute of Science and Technology for participating in **10 day certification course** on ***"Real Time Python Based Data Aquisition ",*** conducted by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai, in association with AICTE SC/ST Skill and Personality development Centre from ***14.02.2022 to 24.02.2022.***

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This certificate is awarded to **Ms. Najeeba M** Department of Biomedical Engineering , Sathyabama Institute of Science and Technology for participating in **10 day certification course** on ***"Real Time Python Based Data Aquisition ",*** conducted by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai, in association with AICTE SC/ST Skill and Personality development Centre from ***14.02.2022 to 24.02.2022.***

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School of Bio and Chemical Engineering

Department of Biomedical Engineering

CERTIFICATE OF PARTICIPATION

This certificate is awarded to **Ms. Ponni S** Department of Biomedical Engineering , Sathyabama Institute of Science and Technology for participating in **10 day certification course** on ***"Real Time Python Based Data Aquisition ",*** conducted by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai, in association with AICTE SC/ST Skill and Personality development Centre from ***14.02.2022 to 24.02.2022.***

Dr. J . Bethanney Janney	**Dr. P. Grace Kanmani Prince**	**Dr. T. Sudhakar**
Associate Professor	Associate Professor	HOD-Biomedical

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This certificate is awarded to **Mr. Shyam Sundar** Department of Biomedical Engineering , Sathyabama Institute of Science and Technology for participating in **10 day certification course** on ***"Real Time Python Based Data Aquisition ",*** conducted by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai, in association with AICTE SC/ST Skill and Personality development Centre from ***14.02.2022 to 24.02.2022.***

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on

C PROGRAMMING

Date: 7th - 12th March, 2022

Duration: 30 Hours

Course Outcomes

- Recollect various programming constructs and to develop C programs
- Understand the fundamentals of C programming
- Choose the right data representation formats based on the requirements of the problem
- Implement different Operations on arrays, functions, pointers, structures, unions and files

Course Content

- Fundamentals of Programming
- C Programming Language Concepts & Usage
- C Program Structure
- Using Input & Output functions
- Usage of Variables - declaration | initialization | access
- Casting
- Control Flow - if | if-else | switch-cases
- Logical Operators, Loops - while | do-while | for
- Functions - declaration | definition | usage
- 1D Arrays - Why do we need them & How they can be used?
- 2D Arrays - Matrices
- Pointers - Time to Sweat! - Why | When | How
- Strings - Creating, Reading, Manipulating & Printing
- Recursion - Concept | Usage, Constants, Unions

Program Coordinator

Dr. Grace Kanmani. P

Ms. A. Sabarivani

(20)

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DEPARTMENT OF BIOMEDICAL ENGINEERING

BATCH 2021-2025

STUDENTS NAME LIST (7/3/22 - 12/3/22)

S. No	Register Number	Name	7/3	8/3	9/3	10/3	11/3	12/3
1.	41240001	Aakankshya Samantaray	P	P	P	P	P	P
2.	41240002	Abirami S	P	P	P	P	P	P
3.	41240003	Agalya G	P	P	P	P	P	P
4.	41240004	Amrin Manzoor	P	P	P	P	P	P
5.	41240005	Ashwin R	P	P	P	P	P	P
6.	41240006	Balaji	P	P	P	P	P	P
7.	41240007	Berti Maria Preetha C	P	P	P	P	P	P
8.	41240008	Cauviya Sri K	P	P	P	P	P	P
9.	41240009	Charan K V	P	P	P	P	P	P
10.	41240010	Dharshini S	P	P	P	A	P	P
11.	41240011	Farheen Sakkir	P	P	P	P	P	P
12.	41240012	Infant Shainny A	P	P	P	P	P	P
13.	41240013	Janne Chetan	P	P	P	P	P	P
14.	41240014	Jeffin Jose	P	P	P	P	P	P
15.	41240015	Jennie Roshini P	P	P	P	P	P	P
16.	41240016	Jeno J	P	P	P	P	P	P
17.	41240017	Joel J	P	P	P	P	P	P
18.	41240018	Kiruthika R	P	P	P	P	P	P
19.	41240019	Lekha Parthiban	P	P	P	P	P	P
20.	41240020	Lekkala Hema	P	P	P	P	P	P
21.	41240021	Muthu Vignesh V	A	P	P	P	P	P
22.	41240022	Nagothu Bala Aakash	P	P	P	P	P	P
23.	41240023	Neethish B G	P	P	P	P	P	P
24.	41240024	Pedamalli Umamaheswar Reddy	P	P	P	P	P	P
25.	41240025	Pravin P M	P	P	P	P	P	P
26.	41240026	B Preeti	P	P	P	P	P	P
27.	41240027	S.Rahul	P	P	P	P	P	P
28.	41240028	Ranjith B	P	P	P	P	P	P
29.	41240029	Rithika D	A	P	P	P	P	P
30.	41240030	Roshini Catherine Verghese	P	P	P	P	P	P
31.	41240031	Santhosh Rajha P	P	P	P	P	P	P
32.	41240032	Sneha Babu Paul	P	P	P	P	P	P
33.	41240033	Somineni Nikkhilla Chowdary	P	P	P	P	P	P
34.	41240034	Srinidhi Sridharan	P	P	P	P	P	P
35.	41240035	Surapureddy Likitha	P	P	P	P	P	P
36.	41240036	Swathi B	P	P	P	P	A	P
37.	41240037	Swetha G	P	P	P	P	P	P
38.	41240038	Thaticharla Mansura	P	P	P	P	P	P
39.	41240039	Vidula Nancy N	P	P	P	P	P	P
40.	41240040	Yukesh Kumar S	P	P	P	P	P	P
41.	41240041	Arshath Hussain N	P	P	P	P	P	P
42.	41240042	Harshini Joshitha T	P	P	P	P	P	P
43.	41240043	Medapati Venkata Sri Harshitha	P	P	P	P	P	P

44	41240044	Gangaraju Shamitha	P	P	P	P	P	P
45	41240035	Sreehari H	P	A	P	P	P	P
46	41240046	Swetha S	P	P	P	P	P	P
47	41240048	Antony Disha Anu Rethi A	P	P	P	P	P	A
48	41240049	Anila Sreraj Shabareesh	P	P	P	P	P	P

Program Co-ordinator
Dr P. Gracekanmani
Ms A Sabarivani

12/3/2022
HOD Signature

HEAD OF THE DEPARTMENT
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This certificate is awarded to **Mr. S. Ranjith** Department of Biomedical Engineering , Sathyabama Institute of Science and Technology for participating in **Value Added Course** on ***"Boot Camp On C Programming"***, conducted by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai, from ***07.03.2022 to 12.03.2022.***

Dr. S. Krishnakumar	**Dr. P. Grace Kanmani Prince**	**Dr. T. Sudhakar**
Associate Professor	Associate Professor	HOD-Biomedical

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School of Bio and Chemical Engineering

Department of Biomedical Engineering

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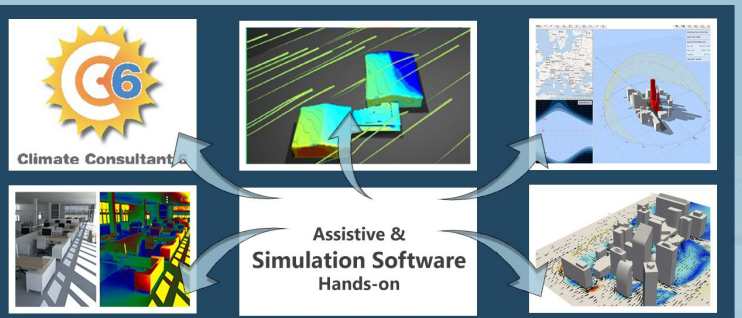
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Associate Professor	Associate Professor	HOD-Biomedical

4-Week Online Certificate Workshop on Climate Responsive Design Strategies



Session Details

Week 1: Climate Analysis
- How to read Climate data for various zones.
- What is human comfort and its complexities
- Analyzing the climate data with respect to human comfort
- Psychrometric Chart, Mahoney Table (Manual calculation)
- Manipulating Comfort levels & providing Passive/Active strategies

Assistive Software Hands-on: Climate Consultant Software

Session Handled By:
Ar. Swetha Sethuraman, M.Arch (Sustainable Architecture)
Ar. Surya., M.Arch (Building Management),
Ar. Kavitha, M.Arch (Sustainable Architecture)

Week 2: Solar Analysis
- Site planning - Designing for Optimum Orientation - Sun movement &Shadow Analysis
- Spatial planning - Functional planning based on sun radiation & Occupancy Schedule
- Designing Shading devices - Shadow angle protractor, Shadow mask

Assistive Software Hands-on: Climate Consultant & Andrew Marsh

Session Handled By:
Ar. Sanghavi Venkata Varadan., M.Arch (Sustainable Architecture),
Ar. Seetha Visalakshi., M.Arch (Sustainable Architecture)

Week 3: Daylighting Analysis
- Daylight components & behaviour - Visual comfort
- Indoor Daylighting Requirements & Calculation
- Passive & Active Strategies for Indoor Daylighting

Assistive Software Hands-on: VELUX

Session Handled By:
Ar. Shobana Subramanian., M.Arch (General),
Ar. S. Kamalesvari, M.Arch (Sustainable Architecture)
Ar. Selva Priyadarshan., M.Arch (Sustainable Architecture)

Week 4: Ventilation
- Understanding Wind data & Behaviour - Wind velocity & pressure, Wind rose diagram
- Designing for Optimum Ventilation- incorporation in Site planning
- Air behaviour , Wind shadow
- Indoor Ventilation Requirements, Calculation
- Passive & Active Strategies for Indoor ventilation

Assistive Software Hands-on: Climate Consultant & Flow Design

Session Handled By:
Ar. Catherine Selvaraj., M.Arch (Sustainable Architecture)
Ar. Madhumitha Karthikeyan., M.Arch (Sustainable Architecture)
Ar. Clintia Karen.D, M.Arch (Sustainable Architecture)

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The institution has attained greater heights under the guidance of :

Colonel Dr Jeppiaar, M.A.,B.L., Ph.D.,
Founder Chancellor

and dynamic leadership of:

Dr. Mariazeena Johnson, B.E., M.B.A., M.Phil., Ph.D.,
Chancellor

Dr. Marie Johnson, B.E., M.B.A., M.Phil., Ph.D.,
President

Ms. Maria Bernadette Tamilarasi Johnson,
Vice President

PATRONS

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Dr. Devyani Gangopadhyay, M.Arch, Ph.D
Dean & HOD, Dept. of Architecture

Co Convenor:
Ar. Ebin Horison, M.Arch

Workshop Coordinators:
Ar. Catherine, M.Arch
Ar. Shobana, M.Arch

WEEK SCHEDULE:

WEEK 1: CLIMATE ANALYSIS
Climate Consultant Software

WEEK 2: SOLAR ANALYSIS
Climate Consulant & Andrew Marsh

WEEK 3: DAYLIGHTING ANALYSIS
VELUX

WEEK 4: VENTILATION
Climate Consultant & Flow Design

CRDE | | 18th AUGUST - 9th SEPTEMBER , 2021 |

A 4-Week Online Certificate Workshop on:

CLIMATE RESPONSIVE DESIGN STRATEGIES

TIME: 5:00 PM- 7:00 PM
Login Credentials will be Shared to Registered Participants
Registration Link: https://forms.gle/snUuEymTy32bqbzf8

WHO SHOULD PARTICIPATE?
III, IV & V year Students of Architecture **Limited to only 20 Participants**

PREREQUISITE Basic knowledge on Climatology, SketchUp Software

Registration Free | E Certificate will be issued

CLIMATE ANALYSIS | SOLAR ANALYSIS | DAYLIGHING ANALYSIS | VENTILATION

Visit us online:
www.sathyabama.ac.in

For any queries call us at:
+919884869091
+919445614621

Email us at:
climateresponsivedesign2021
@gmail.com



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COURSE CONTENT -Climate Responsive Design Strategies

WEEK	Module No:	Module Title:	CONTENTS	Assisstive Software / Hands On	ASSESSMENT		ENGAGEMENT TIME						
					Assign-ment	Intermediate Capstone Project	Recorded Video	Live Discussion / Q&A Session	Hands On Session	Assignment & Intermediate Capstone Intro	Quiz	Assignment	Intermediate Capstone Project
I	1	**Climate Analysis-I**	1. How to read Climate data for various zones. 2. What is human comfort and its complexities 3. Analysing the climate data with respect to human comfort - Psychrometric Chart, Mahoney Table; 4. Manipulating Comfort levels & providing Passive/Active strategies	Climate Consultant & Mahoney Table(manual)			45 min	15 min (Introductio n) + 15 min		15 min (includes General	30 min	1 hr	2 hr
	2	**Climate Analysis-II**					45 min		1 hr	15 min	30 min		
			WEEKLY ENGAGEMENT TIME				**3.5 HOURS**				**4 HOURS**		
II	3	**Solar Analysis-I**	1. Site planning - Designing for Optimum Orientation - Sun movement & Shadow Analysis 2. Spatial planning - Functional planning based on sun radiation & Occupancy Schedule 3. Designing Shading devices - Shadow angle protractor, Shadow mask	AndrewMarsh , Climate Consultant & Autodesk Formit			45 min	15 min	30 min		30 min	1 hr	2 hr
	4	**Solar Analysis-II**					45 min		1 hr	15 min	30 min		
			WEEKLY ENGAGEMENT TIME				**3.5 HOURS**				**4 HOURS**		
III	5	**Day lighting-I**	(Contd. from Week 2) 1. Site planning - Designing for Optimum Orientation - Sun movement & Shadow Analysis 2. Spatial planning - Functional planning based on sun radiation & Occupancy Schedule 1. Daylight components & behaviour - Visual comfort 2. Indoor Daylighting Requirements & Calculation 3. Passive & Active Strategies for Indoor Daylighting	Light Stanza / V Lux			45 min	15 min	30 min		30 min	1 hr	2 hr
	6	**Day lighting-II**					45 min		1 hr	15 min	30 min		
			WEEKLY ENGAGEMENT TIME				**3.5 HOURS**				**4 HOURS**		
IV	7	**Ventilation-I**	1. Understanding Wind data & Behaviour - Wind velocity & pressure, Wind rose diagram 2. Designing for Optimum Ventilation- incorporation in Site planning - Air behaviour , Wind shadow 3. Indoor Ventilation Requirements, Calculation 4. Passive & Active Strategies for Indoor ventilation	Flow Design			45 min	15 min	30 min		30 min	1 hr	2 hr
	8	**Ventilation-II**					45 min		1 hr	15 min	30 min		
			WEEKLY ENGAGEMENT TIME				**3.5 HOURS**				**4 HOURS**		
				TOTAL			**14 HOURS OF E-LEARNING**				**16 HOURS OF ASSESSMENTS**		
				TOTAL ENGAGEMENT TIME			**30**						



Course Outcome:

On completion of the course the student will be able to

- Comprehend the role of climate in architecture and the factors affecting the climate.
- Acquire knowledge on the climate classification based on the influencing factors.
- Understand the importance of natural ventilation and day lighting in building design and analyzing their designing strategies.
- Familiarize the sun as a main design element and understanding the sun path diagram in detail for calculating the heating and cooling hours of a region.
- Marking the angle of incidence for equinox, summer and winter solstices for arriving the shadow mask and overshadowing in sun path diagram for the design of shading devices.
- Creating a data base of passive design strategies

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SCHOOL OF BUILDING & ENVIRONMENT
DEPARTMENT OF ARCHITECTURE
CRDE Wokshop Participants Details

		Week 1					Week 2					Week 3					Week 4				
		Climate Analysis					**Solar Analysis**					**Lighting Analysis**					**Wind Analysis**				
S.NO	**Name of the Participant**	18th Aug	19th Aug	Q1	Q2	Assign1	25th Aug	26th Aug	Q3	Q4	Assign 2	1st Sept	2nd Sept	Q5	Q6	Assign 3	8th Sept	9th Sept	Q7	Q8	Assign 4
1	Allen	P	P	8	8	30	P	P	8	8	22	P	P	10	3	24	P	P	7	10	22
2	Anagha Treesa Francis	P	P	9	6	30	Ab	P	10	9	22	P	P	8	3	24	P	Ab	10	NA	22
3	Aparna	P	P	9	8	30	P	P	10	10	22	P	P	9	9	24	P	P	8	9	22
4	Archana	P	P	9	6	30	P	P	10	10	22	P	P	10	4	24	P	P	9	10	22
5	A Ashwin	Ab	P	4	7	28	Ab	P	NA	NA	NA	P	P	6	0	0	Ab	Ab		NA	NA
6	Divya. R	P	P	9	7	30	P	P	10	10	22	P	P	7	3	24	Ab	P	8	10	22
7	Gayathiri K. K	P	P	9	8	28	P	P	10	7	26	Ab	P	10	8	29	P	P	6	10	26
8	Hariharan.B	P	P	10	6	28	P	P	10	10	22	P	P	10	10	29	P	P	7	10	22
9	Keerthana Saji	P	P	9	7	29	Ab	P	NA	NA	NA	Ab	Ab	0	0	0	P	Ab	6	NA	NA
10	Lekha Sree	P	P	10	6	28	Ab	P	10	10	NA	P	P	9	0	0	P	P	9	10	22
11	Pooja Reddy	P	P	10	7	29	P	P	10	10	23	P	Ab	9	5	27	P	P	9	10	23
12	Rithika V	P	P	10	6	29	P	P	10	10	24	P	P	10	6	27	P	P	10	10	24
13	Sai Teja. T N	P	P	8	6	28	P	Ab	NA	8	10	P	P	7	0	29	P	P	10	10	10
14	sai vineela	P	P	10	6	29	P	P	10	10	26	Ab	Ab	0	0	24	P	P	5	10	26
15	Sanjeev Sivakumar	P	P	8	6	29	P	P	8	10	NA	Ab	Ab	0	0	0	P	P	7	10	NA
16	Shanmathi R	P	P	8	6	29	P	P	7	10	26	Ab	P	8	8	24	P	P	9	8	26
17	Sivaraman K	P	P	10	8	29	P	P	9	8	26	Ab	Ab	0	5	24	P	P	8	10	26
18	Snegha S	P	P	10	8	29	P	P	10	10	26	P	P	8	5	28	P	P	10	10	26
19	Subhashree T	P	P	9	8	29	P	P	10	9	26	P	P	9	7	24	P	P	8	10	26
20	Surya shree	P	P	8	7	29	P	P	10	7	23	P	P	7	6	28	P	P	7	10	23
21	Vivin Merola S	P	P	9	8	29	P	P	10	10	26	P	P	9	9	28	P	P	6	10	26

Dean/Hod Signature:



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A 4-week online workshop on:

CLIMATE RESPONSIVE DESIGN STRATEGIES

Organized by:

Department of Architecture, Sathyabama Institute Of Science And Technology

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A Ashwin

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N.Lekha Sree

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VALUE ADDED PROGRAM

CONDUCTED IN THE DEPARTMENT OF ARCHITECTURE

a. NAME OF THE PROGRAM: Project Management and Practice in Architectural Consultancy

b. MODE OF TRAINING: Online

c. AIM: The program was designed by our architecture department to enrich the knowledge of architecture students going for the internship training in architectural office. Also to create awareness of how project management activities are involved in project development and execution activities.

d. OBJECTIVE: The various functions & phases of project related activities were covered to provide the insight of projects to students. This will create awareness to students about the activities involved in the project and effectively perform in the internship training. To give insight of the various architecture and project management functions happening in the office, we invited various practicing architects and project managers to deliver the presentation on various topics to the students.

e. DURATION: 2 weeks program
f. TARGET AUDIENCE: Current 3rd /4th & final year students
g. NO OF PEOPLE ATTENDED: 60-85
h. NO OF PEOPLE SUCCESSFULLY COMPLETED : 32

i. TOPICS COVERED UNDER THE PROGRAM

WEEK 1: PRE DESIGN

- Identifying and finalize the client requirement for projects
- Arriving at the project budget to decide and start the project
- Process of conducting architectural competitions
- Selection of Architect & Consultant for the project

WEEK 2: PRE CONSTRUCTION

- Design development from concept till detailed design

- Approval drawings preparation and authority approval process
- Contract documents and drawing preparation
- Pre-qualification and bidding process for contract
- Negotiation of contract and the selection of contractors

WEEK 3: CONSTRUCTION

- How site construction organization works
- Construction management processes
- Working drawing preparation and change management
- Quality assurance
- Billing and change order processes

WEEK 4: CLOSE OUT

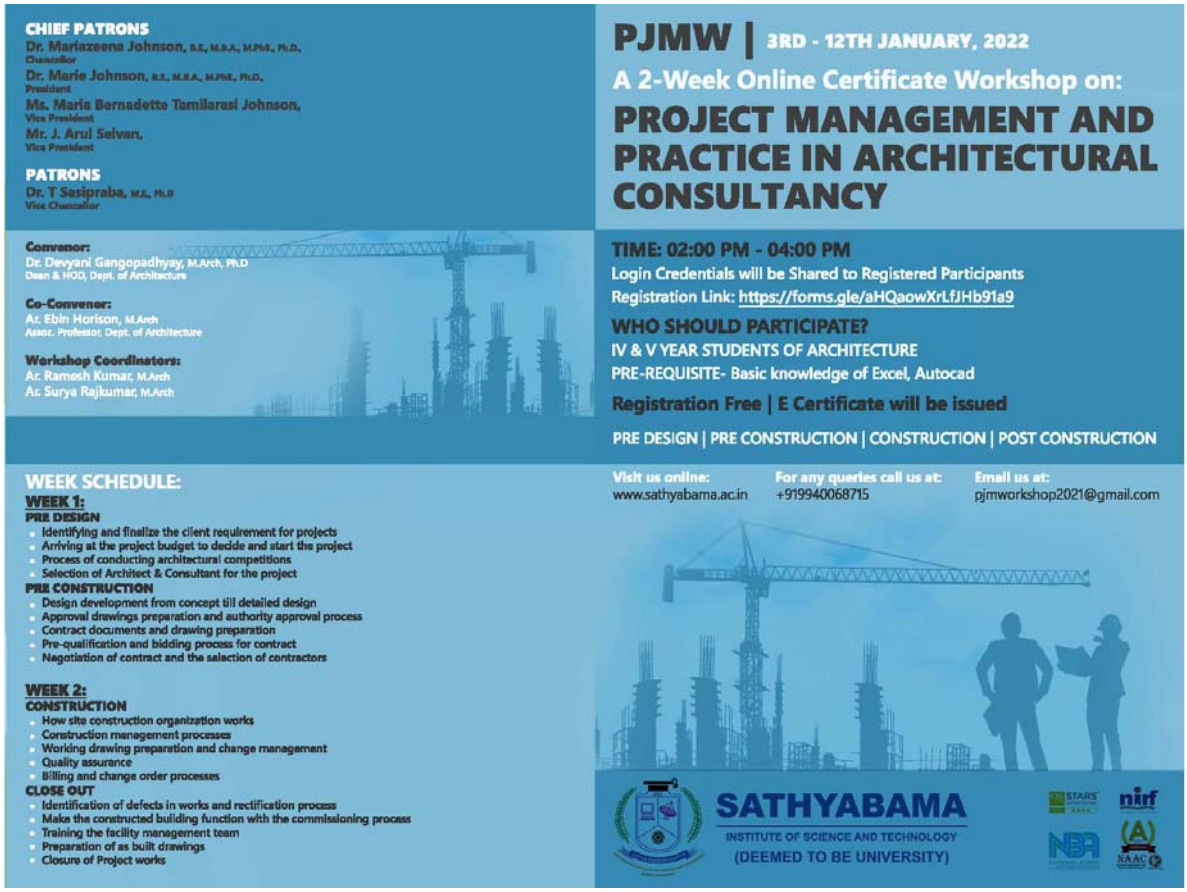
- Identification of defects in works and rectification process
- Make the constructed building function with the commissioning process
- Training the facility management team
- Preparation of as built drawings
- Closure of Project works

j. SCHEDULE OF THE PROGRAM

Project Management and Practice in Architectural Consultancy

S.NO	TOPIC	HOURS	STAFF INCHARGE	TENTATIVE DATES	REMARK	
	PROGRAMME SCHEDULE					
	PRE CONSTRUCTION STAGE					
	Pre design					WEEK-1
	Client Brief			3-Jan-22	Monday	
	Project Budget	1	Ar. Surya			
	Architecture design competition			3-Jan-22	Monday	
	Appointment of Architect / Consultant	1	Ar.Pranav Bharathi			
	Assignment to students	2				
	Design Phase					
	Scheme design			4-Jan-22	Tuesday	
	Detailed design	1	Ar. Vijayendranath			
	Approval drawings			4-Jan-22	Tuesday	
	Contract documents	1	Ar. Shankar			
	Assignment to students	2				
	TENDERING & PROCUREMENT					
	Pre qualification	1	Ar.Rajkumar	5-Jan-22	Wednesday	
	Bid documentation	1	Ar.Selvendran	5-Jan-22	Wednesday	
	Assignment to students	2				
	Bid process / Negotitation	1		6-Jan-22	Thursday	
	Contract Award	1	Ar. Prasanna	6-Jan-22	Thursday	
	Assignment to students	2				
	CONSTRUCTION					
	Site organisation	1		7-Jan-22	Friday	
	Construction Management Process	1	Ar. Priyadharshini	7-Jan-22	Friday	
	Assignment to students	2				
	Quality assurance (working drg / specifications)	1	Ar. Rameshkumar	10-Jan-22	Monday	
	Billing Administration & Change order management	1	Ar. Rameshkumar	10-Jan-22	Monday	
	Assignment to students	2				
	CLOSE OUT					WEEK-2
	Training	1		11-Jan-22	Tuesday	
	As built drawings	1	Ar. Sukirtha	11-Jan-22	Tuesday	
	Punch list / Commissioning	1	Ar. Ram kumar	12-Jan-22	Wednesday	
	Financial / Administrative close out	1	Ar. Rameshkumar	12-Jan-22	Wednesday	
	Assignment to students	2				
	TOTAL HOURS	30				

k. POSTER OF THE PROGRAM

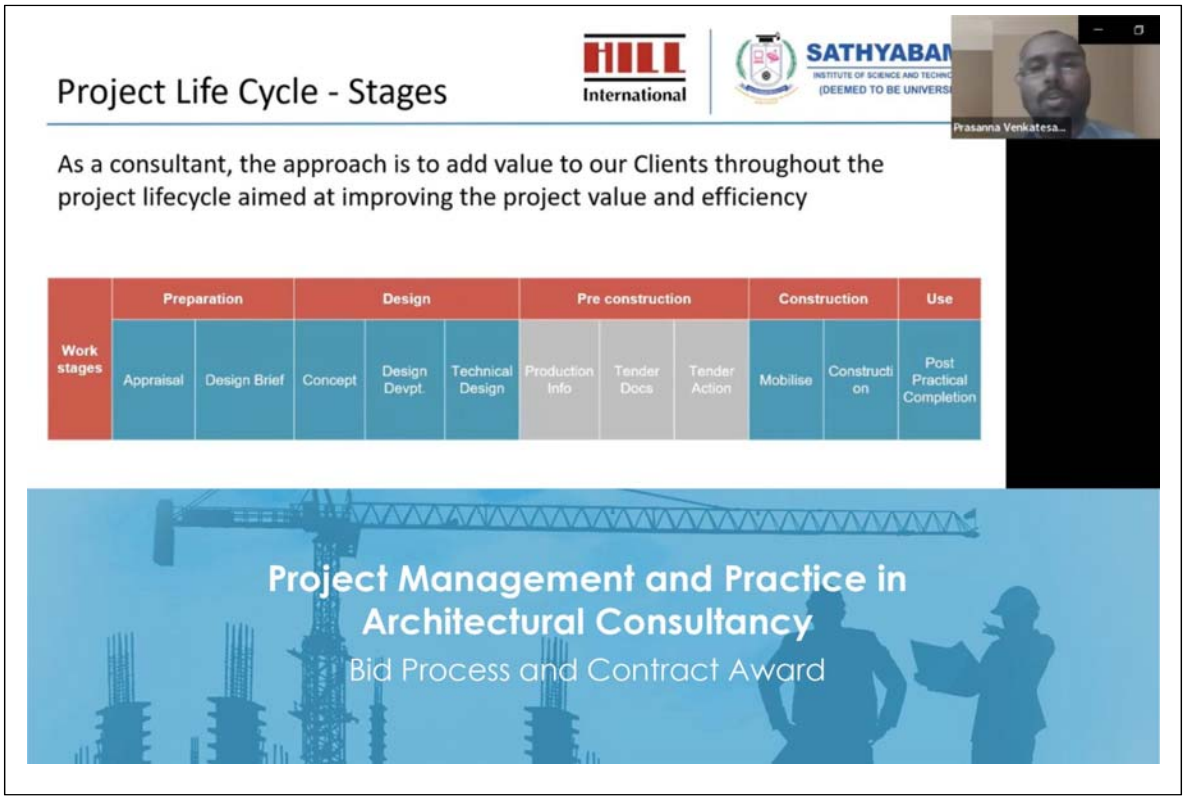


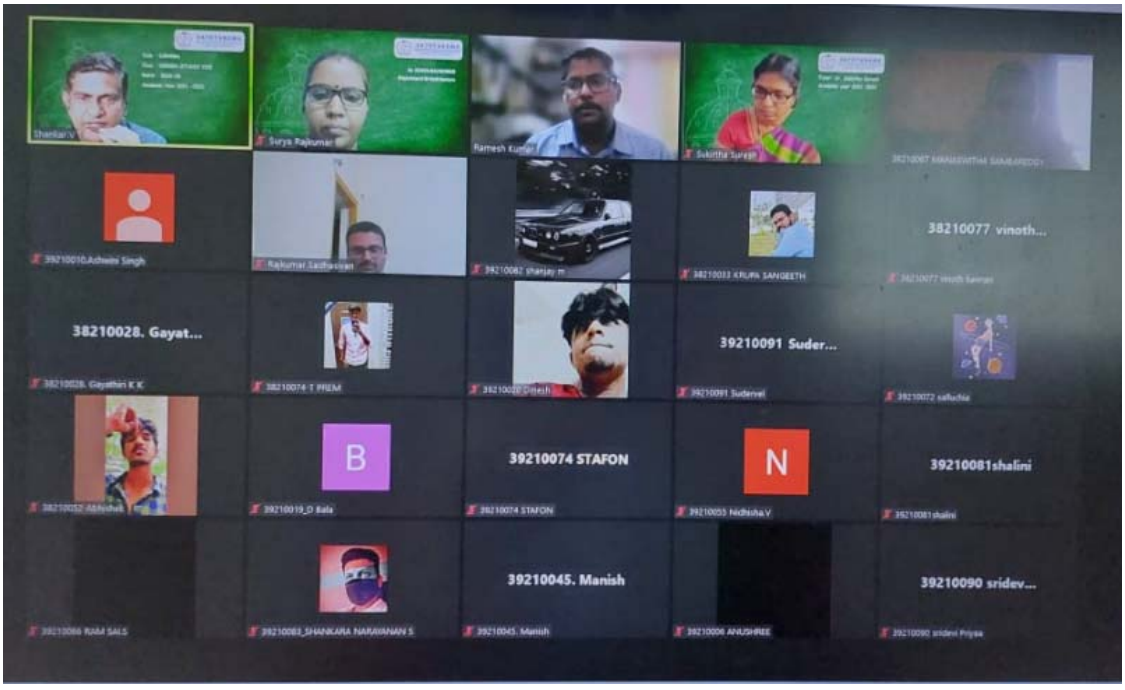
l. OUTCOME OF THE COURSE

After the successful completion of this course, the student shall be able to

1. Acquire knowledge about how the project works were managed in the architectural offices.
2. Understand the criticality of the project in various phases of the project and accordingly manage to complete the project successfully.
3. Evaluate the various problems foreseen in the project environment and suitable manage the works.
4. Analyze the requirements of various consultant / trades men inputs required for the better coordination.
5. Strategically manage the projects to achieve successful completion.

m. SCREEN SHOTS OF THE SESSION





n. ATTENDANCE SHEETS

Value Added Course
PROJECT MANAGEMENT AND PRACTICE IN ARCHITECTURAL CONSULTANCY
ATTENDANCE SHEET

		M	T	W	T	F	S	M	T	W	M
S.No	Name of the student :	3/1/2022	4/1/2022	5/1/2022	6/1/2022	7/1/2022	8/1/2022	10/1/2022	11/1/2022	12/1/2022	13/1/2022
1	Surya shree M	P	P	P	P	P	P	P	P	P	P
2	Mithun M	P	P	P	P	A	P	P	P	P	P
3	Bhavani.ch	P	A	P	P	P	A	P	P	P	P
4	R Ramkumar	P	P	P	P	P	P	P	A	P	P
5	Padmanaban C	P	P	P	P	P	P	P	P	P	P
6	AISHUWARYA V	P	P	A	A	P	P	A	A	P	P
7	K Kheerthana	P	P	P	P	A	P	A	P	P	A
8	PREM TATISETTI	P	A	P	P	P	P	P	P	P	P
9	Bandaru Navya	P	A	A	P	P	A	A	A	P	P
10	GAYATHIRI K K	P	P	P	P	P	P	P	P	P	P
11	S.lithika	P	P	P	P	A	A	A	P	A	A
12	abhirami.m	P	P	P	P	P	P	A	P	P	P
13	Abhishek tejith kumar	P	P	P	P	P	A	A	P	A	P
14	Ashwin Rahul	P	P	P	P	P	P	P	P	P	P
15	N.Lekha Sree	P	P	P	P	P	P	A	A	A	A
16	Ashok Kumar R	P	P	P	P	P	P	P	P	P	P
17	Rithika V	P	A	P	P	P	P	P	A	P	P
18	Atluri Keerthana	P	P	P	P	P	P	P	P	P	P
19	HARIHARAN.V	P	P	P	P	P	P	P	P	P	P
20	S Manaswitha	P	P	P	P	P	P	P	P	P	P
21	sai vineela	P	A	P	P	P	P	P	A	P	P
22	Divya. R	P	P	P	P	P	P	P	P	P	P
23	Archana. M	P	A	P	P	P	A	P	P	A	P
24	Mano S G	P	P	P	P	P	P	P	P	A	P
25	Kiruthika elancheran	P	A	P	A	A	P	P	P	P	P
26	Vinoth kannan	P	P	P	P	P	P	P	P	P	P
27	Shanmathi R	P	P	P	P	P	P	A	A	A	P
28	Subhashree T	P	P	P	P	P	A	A	P	P	A
29	Pooja Reddy	P	P	A	P	P	P	A	P	P	P
30	M.kanchana	P	P	P	P	P	P	A	P	P	P
31	IJIN JOSE I J	P	P	P	P	P	P	P	P	P	P
32	Dharun Raj V	P	P	P	P	P	A	A	A	P	P
33	Jeya Surya P	P	P	P	P	P	P	P	P	P	P
34	Siddiq S R	P	P	P	P	P	P	A	A	P	P
35	Ashwini singh	P	P	P	P	P	P	P	P	P	P
36	SHANKARA NARAYANAN S	P	P	P	P	P	P	P	P	P	P
37	A.Karthikeyan.	P	P	P	P	P	P	A	A	P	P
38	JEROME SURAJ.k	P	P	A	P	P	P	P	A	P	P
39	Hariharan.v	P	P	P	P	P	A	A	P	P	P
40	KAYAL VIDARRSHANA	P	P	P	P	P	P	A	A	P	P
41	Shreya Subramanian	P	P	P	P	P	P	P	P	P	P
42	PRANAVAIDIYA K	P	P	P	P	P	P	P	P	P	P
43	A.Karthikeyan	P	P	P	A	P	P	P	P	A	P
44	N Sridevi Priyaa	P	P	A	A	P	P	P	P	P	A
45	R.Naga Satya Sri Bhavani	P	P	A	P	P	P	P	P	P	A

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Value Added Course
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46	Aparna.V	P	P	P	P	P	P	P	P	P	P
47	VIVIN MEROLA S	P	P	P	P	P	P	P	P	P	P
48	Salluchia	P	P	P	P	P	P	P	P	P	P
49	Jefferson Charles J	P	P	P	P	P	P	P	P	P	P
50	Manish Jothi G	P	P	P	P	P	P	P	P	P	P
51	Kirthick J	P	P	P	P	P	A	P	A	P	P
52	Mohamed Shakir	P	P	A	P	A	P	P	P	P	A
53	Daffnee D	P	A	P	P	P	P	P	P	P	A
54	shanjayM	P	P	P	P	P	P	P	P	P	P
55	V.SANJAY	P	P	P	P	P	P	P	P	A	A
56	Keerthana Saji	P	A	P	A	P	P	A	P	P	P
57	Mohammed Javed rahman	P	P	P	P	P	P	A	P	A	A
58	M.shyam ganesh	P	P	P	P	P	P	A	P	A	A
59	Eraianbu.s.j	P	P	P	P	P	P	P	P	A	A
60	Akaash	P	P	P	P	P	P	P	P	A	1
61	Raguram.S	P	P	P	A	P	P	A	P	A	P
62	M Kiruba Shankari	P	P	P	P	P	P	P	P	P	P
63	Sai Sibani	P	P	P	P	P	A	A	A	A	A
64	Sudervel. D	P	P	P	P	P	P	P	P	P	P
65	Sanjiv Bala	P	P	P	A	P	A	1	A	A	A
66	Rohan yosuva B M	P	A	A	P	P	P	P	A	A	A
67	MUTHU MALLIGA G	P	P	A	P	P	P	P	P	P	P
68	S.RAMSAI	P	P	P	P	A	P	A	P	A	A
69	Siddiq S R	P	P	P	P	A	P	P	P	A	A
70	R.ANUSHREE	P	P	P	P	P	P	P	P	P	P
71	Pavin Rosario. T	P	P	P	P	P	P	P	P	P	P
72	Jeyakavin	P	A	P	A	A	P	P	P	P	P
73	SANJAI STAFON K	P	A	P	P	A	P	P	A	P	A
74	Ravina	P	P	P	P	A	P	P	P	P	P
75	D Bala	P	P	P	P	P	P	P	A	A	A
76	Sam	P	P	P	P	P	P	P	P	A	A
77	Rajesh	P	P	A	P	P	P	P	P	A	A
78	Jennifer Angelina	P	P	P	P	P	P	P	P	P	P
79	Santhosh	P	P	P	P	A	P	P	P	P	P
80	Poornima	P	P	A	P	P	P	P	A	P	P
81	Dinesh CA	P	P	P	P	P	P	P	P	P	P
82	Karunya SL	P	P	P	P	P	P	P	P	P	P
83	Malar vizhi S	P	P	P	P	P	P	P	P	P	P
84	Pilli Abishek	P	P	P	P	P	P	P	P	P	P
85	Tatti Setti prem	P	P	P	P	P	P	P	P	P	P

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

o. CONCLUSION / FEEDBACK OF THE PROGRAM

The program was successfully completed on 12th January and the overall feedbacks received from the students were good. The students who attended the workshop were able to understand the overall life cycle phases of construction and that would help them understand the terms while they engage in the internship training.

The training program is planned to be continued if required during the next academic year for the development of skills for the students going for the internship program as a part of academic curriculum.

p. SAMPLE CERTIFICATE ISSUED TO STUDENTS

SATHYABAMA
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WORKSHOP CERTIFICATE

This is to certify that

A.ASHWINRAGHUL

has succesfully completed

A 2-Week Online Workshop on:

PROJECT MANAGEMENT AND PRACTICE IN ARCHITECTURAL CONSULTANCY

Conducted between: 3rd - 12th January, 2022



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ADVIKA.K

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ATLURI KEERTHANA

has succesfully completed

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DINESH.C.A

has succesfully completed

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DIVYA. R

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GAYATHIRI.K.K

has succesfully completed

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HARIHARAN.V

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IJIN JOSE. I. J

has succesfully completed

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This is to certify that

J.JENNIFER ANGELINA

has succesfully completed

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JAYASURYA.P

has succesfully completed

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WORKSHOP CERTIFICATE

This is to certify that

JEFFERSON CHARLES.J

has succesfully completed

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WORKSHOP CERTIFICATE

This is to certify that

KARUNYA.S.L

has succesfully completed

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WORKSHOP CERTIFICATE

This is to certify that

M.KIRUBA SHANKARI

has succesfully completed

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WORKSHOP CERTIFICATE

This is to certify that

MANISH JOTHI.G

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WORKSHOP CERTIFICATE

This is to certify that

PADMANABAN. C

has succesfully completed

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WORKSHOP CERTIFICATE

This is to certify that

PAVIN ROSARIO.T

has succesfully completed

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WORKSHOP CERTIFICATE

This is to certify that

PILLI ABHISHEK

has succesfully completed

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Sathyabama Institute of Science & Technology

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

WORKSHOP CERTIFICATE

This is to certify that

PRANAVAIDIYA.K

has succesfully completed

A 2-Week Online Workshop on:

PROJECT MANAGEMENT AND PRACTICE IN ARCHITECTURAL CONSULTANCY

Conducted between: 3rd - 12th January, 2022



Dr. Devyani Gangopadyay
Dean & HOD, Dept. of Architecture
Sathyabama Institute of Science & Technology

Ar. Rameshkumar
Associate Professor, Dept. of Architecture
Sathyabama Institute of Science & Technology

Ar. Surya Rajkumar
Associate Professor, Dept. of Architecture
Sathyabama Institute of Science & Technology

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WORKSHOP CERTIFICATE

This is to certify that

R.ANUSHREE

has succesfully completed

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WORKSHOP CERTIFICATE

This is to certify that

S.SHANKARA NARAYANAN

has succesfully completed

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WORKSHOP CERTIFICATE

This is to certify that

S.SALLUCHIA

has succesfully completed

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WORKSHOP CERTIFICATE

This is to certify that

SAMBAREDDY MANASWITHA

has succesfully completed

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WORKSHOP CERTIFICATE

This is to certify that

SHANJAY.M

has succesfully completed

A 2-Week Online Workshop on:

PROJECT MANAGEMENT AND PRACTICE IN ARCHITECTURAL CONSULTANCY

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WORKSHOP CERTIFICATE

This is to certify that

SHREYA SUBRAMANIAN

has succesfully completed

A 2-Week Online Workshop on:

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WORKSHOP CERTIFICATE

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SUDERVEL. D

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WORKSHOP CERTIFICATE

This is to certify that

TATISETTI PREM

has succesfully completed

A 2-Week Online Workshop on:

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Conducted between: 3rd - 12th January, 2022



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WORKSHOP CERTIFICATE

This is to certify that

VINOTH KANNAN. P

has succesfully completed

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WORKSHOP CERTIFICATE

This is to certify that

VIVIN MEROLA.S

has succesfully completed

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KKMSoft

SCHOOL OF BUILDING AND ENVIRONMENT

Organizing

VALUE ADDED PROGRAM

Theme: Computer Aided Architectural Graphics I

Participants: II Year B.Arch-III sem

Dates: August 2020 to November 2025

Chief patrons

Dr. Mariazeena Johnson .,chancellor,SIST

Dr.Marie Johnson.,President, SIST

Mr.J.Arul Selvan.,Vice President,SIST

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Coordinator
Ar.Priyadharshini
Organzing member
Mr.Amuthan

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SCHEDULES OF THE VALUE ADDED PROGRAM

(August 2021 to November2021)

MODULE 1 INTRODUCTION **4 Hrs.**

Introduction to various computer aided tools used in Architecture, Advantages and Disadvantages of each - 2D Vector vs Raster graphics- 3D modeling for exploration and presentation- Tools used for converting 2D to 3D - List of techniques used in the field, Possibilities & Importance of each.

MODULE 2 2D DRAFTING TOOLS **16 Hrs.**

Introduction to CAD Interface - Basic Understanding of coordinates - Model & Paper space - Understanding drawing commands using mouse and keyboard - Setting up limits and Understanding of Function keys - Exploring drawing unit settings (Imperial & Metric)- Line types: Multiline, Polyline, etc. - Line Styles: Dashed, Dotted, etc. - Understanding of Line Weights, Transparent Overlays, hatching utilities - Use of Color - Styles, Blocks and Symbol Library - Annotations & Dimensions - Control of Drawing - Plot and publish settings - Resources and References

MODULE 3 3D MODELLING **20 Hrs.**

Introduction to Sketchup Interface- Importing 2D drawing file into Sketchup - Adjusting Sketchup Settings - Creating and Editing Shapes and Forms - Creating Extrusions, Sweeps and Revolves - Layering, Grouping and Components - Creating textures - Applying materials to objects - Creating and saving styles - Creating plans and sections from 3d model –Geo locating model - Save and Export options - Extensions and Plug-in- Resources and References

MODULE 4 VISUALIZATIONS FOR PRESENTATIONS **16 Hrs.**

Importance of presentations in Architecture - Use of Visuals and Process Diagrams in Architecture - Tools used for presentations - Introduction to Photoshop- Interface and Tools- Composing an Image- Artistic vs Technical- Importing and rendering 2d drawings- Textures and tiling- Layer management and Overlaying- Creating depth in 3 dimensional visuals: Lighting, Shadows and Reflections- Masking and cutting- Adding people, trees, sky, objects- Styles and effects- Techniques of Photo Montage Visualizations- Post production corrections- Save formats- Resources and References

MODULE 5 CONSTRUCTIVE ASSIGNMENTS **4 Hrs.**

Draft Recreate 2D drawings of the previous semester's-built form in AutoCAD and create a 3D Sketchup model for the same. Represent in presentation format using Photoshop as a tool and submit as a portfolio for the end semester viva voce.

Max. 60 Hours

S.no	Name of the faculty	Topics covered	Duration
1	Mr.Prakash	Module 1 and 2	20 hrs
2	Mr.Arun	Module 3 and 4	36hrs
3	Mr.Amuthan	Module 5	4hrs

COURSE OUTCOME:

On completion of the course the student will be able to

CO1 Achieve proficiency in the basic computer skills relevant in the architectural profession

CO2 Construct 2D orthographic projections in CAD

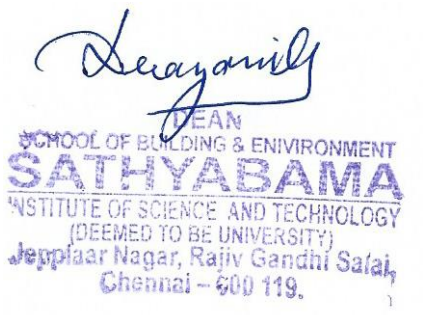
CO3 Visualize design concepts in-the-round and make simple and complex 3D objects

CO4 Retrieve and present drawings and visualizations appropriately for multiple usages across various platforms

CO5 Develop diagrams and visuals to express architectural ideas and concepts.

CO6 Process images and create photo montages for presentation visualizations.

Dean



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SCHOOL OF BUILDING AND ENVIRONMENT

Computer Aided Architectural Graphics I

- Students attended: II Year B.Arch-III sem
- No. of. Students attended:58
- Mode of classes: Online
- Time of classes taken:9.00 to 12.15(Friday)

MODULE 1 INTRODUCTION **4 Hrs.**
Introduction to various computer aided tools used in Architecture, Advantages and Disadvantages of each - 2D Vector vs Raster graphics- 3D modeling for exploration and presentation- Tools used for converting 2D to 3D - List of techniques used in the field, Possibilities & Importance of each.

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Max. 60 Hours

S.no	Name of the faculty	Topics covered	Duration
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2	Mr.Arun	Module 3 and 4	36hrs
3	Mr.Amuthan	Module 5	4hrs

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OUTCOMES OF VALUE ADDED PROGRAM

Computer Aided Architectural Graphics I

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CO6 Process images and create photo montages for presentation visualizations.

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SYLLABUS OF VALUE ADDED PROGRAM

Computer Aided Architectural Graphics I

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Max. 60 Hours

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VALUE ADDED PROGRAM

RECENT ADVANCES IN ARCHITECTURE SOFTWARES

(August 2021 to November2021)

ATTENDANCE SHEET

Registration number	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
40210001	S. ACKSHAYA	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210002	AGANYA. M	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210003	ANANDHI. S	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	A	P
40210004	ANUDHARSHINI. G	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
40210005	BALA KRISHNAN.K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210006	BALA YOGESH . V	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210007	DEVI MEENA. S	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210008	ELIN DANITA . D	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210009	EVANGILINE.J.S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
40210010	GAYATHIRI SRI. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210011	GOKUL. V	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210012	R. GOKULNAATHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210013	GOPIKA. J	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210014	GOPIKA. P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210015	GOWTHAMAN. C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210016	HASHIKA VISHVINI	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
40210017	LAVANYA SHIRLEY.V	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P
40210018	ISHANAA RATNAM . M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210019	JERLIN MARY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210020	JOHN ALTON. J	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210021	JOSIKA . S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210022	KABILAN. B	P	P	P	a	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A
40210023	A KARTHIKA	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
40210024	KEREEN ANTOINETTE. E	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210025	KESAVARSHANAN N A	P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210026	KOWSHICK. S	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
40210027	KRITHEESH RAJENDAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210028	KUMARAPPAA S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210029	LAVANYA. P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
40210030	MAARAN.S.S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210031	MANEPALLI LIKITHA	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210032	MANSOOR HUSSAIN. A	P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210033	MATHIVANAN. U	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P

40210034	MOHAMED RIYASDEEN J	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	A
40210035	NEVETHIKA.G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210036	NITHYA. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210037	NIVYA THOMAS	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
40210038	PERLI RASHMI. P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
40210039	PRAGATHI. S	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
40210040	PRAMODHINE. G	P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
40210041	PRASATH .V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210042	PRITIKA. L.J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
40210043	PRIYADHARSHINI. V	P	P	P	P	P	P	a	P	P	P	P	P	a	P	P	P	P	P	P	P
40210044	PURUSHOTHAMAN . G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
40210045	RAJAGOPAL. K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210046	ROHIT KUMAR . A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210047	ROSHINI. R	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P
40210048	SAHAYA VISHAL . V	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
40210049	SANTHOSE.P.M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210050	SHREEMATHY. V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210051	SHWETA. G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210052	SIVA CHARITHA NARALA	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
40210053	SOWMIYA. A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210054	SUBIKSHA. M	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40210055	VAISHNAVI SANKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
40210056	VALLARASU.S	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P		A	P	P	P
40210057	BURRA SAILEELA	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
40210058	SHAILAJA.S	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P

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VALUE ADDED PROGRAM CERTIFICATES



KKMSoft

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. ACKSHAYA.S has successfully completed a Certification Course in AutoCAD during the period 2021-2022

Date: 05/06/2022

Veerameheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. AGANYA. M has successfully completed a Certification Course in AutoCAD during the period 2021-2022

Date: 05/06/2022

Veerameheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. ANANDHI. S *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

Veeramcheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. ANUDHARSHINI. G *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

Veeramcheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. BURRA SAILEELA *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

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Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. DEVI MEENA. S *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

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Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. ELIN DANITA . D *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

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Instructor

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Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. GAYATHIRI SRI. S *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

Veerameheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. GOKULNAATHAN. R *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

Veeranchezhiyaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. GOPIKA. P *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

Veeranchezhiyaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. HASHIKA VISHVINI *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

Veerameheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. INFANT LAVANYA SHIRLEY.V *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

Veerameheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. ISHANAA RATNAM . M *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

Veerancheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. JOHN ALTON. J *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

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Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. KABILAN. B *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

Veerancheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. KARTHIKA. A *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

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Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. KESAVARSHANAN N A *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

Veeramcheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. KOWSHICK. S *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

Veeramcheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. KUMARAPPAA S *has successfully completed a Certification Course in* AutoCAD *during the period* 2021-2022

Date: 05/06/2022

Veerancheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. KUMARAPPAA S has successfully completed a Certification Course in AutoCAD during the period 2021-2022

Date: 05/06/2022

Veerancheshwaran VS
Instructor

Vinayakam R K
Director

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SCHOOL OF BUILDING AND ENVIRONMENT

Organizing

VALUE ADDED PROGRAM

Theme: Computer Aided Architectural Graphics I

Participants: II Year B.Arch- IV sem

Dates: Jan 2021 to April 2021

Chief patrons

Dr. Mariazeena Johnson .,chancellor,SIST

Dr.Marie Johnson.,President, SIST

Patrons

Dr. T.Sasipraba ., Vice Chancellor ,,SIST

Coordinator
Ar.Priyadharshini
Organzing member
Mr.Amuthan

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SCHEDULES OF THE VALUE ADDED PROGRAM

(Jan 2021 to April 2021)

UNIT 1 INTRODUCTION TO IMAGE EDITING **12 Hrs.**

Basic Tools for Editing and Creating Graphics in ADOBE PHOTOSHOP - Layers (layer styles opacity- adjustment layers) Basic Retouching (Colour, manipulations, Levels, Curves, Seeing Colour accurately, Patch tool, Cropping ,Reading palettes, Dust and scratches) - Advanced Retouching(smoothing skin, smoothing wrinkles, special colour effects: black and white, sepia, grainy).

UNIT 2 INTRODUCTION TO GOOGLE SKETCH UP & LUMION **12 Hrs.**

Importing AutoCAD drawing File in sketch up-Basic Tools for Editing and Creating- Material apply, rendering with advanced VRAY. Importing 3D MODEL in lumion-Basic Tools for Editing and Creating- Material apply, rendering with advanced rendering tool, final walk through making.

UNIT 3 INTRODUCTION TO VISUAL COMPOSITION USING COMPUTER TOOLS **14 Hrs.**

Understanding the drawing unit's settings, scales, limits, drawing tools, drawing objects, object editing and text, dimensioning in ACAD.

UNIT 4 PRODUCTIVE TECHNIQUES & DRAWING OUTPUT **7 Hrs.**

Transparent overlays, hatching utilities, line type, line weight and colour, Multiline, Polyline, etc. Styles, blocks and symbol library in ACAD, File management, retrieving data, attributes, Layout and plotting.

Max. 45 Hours

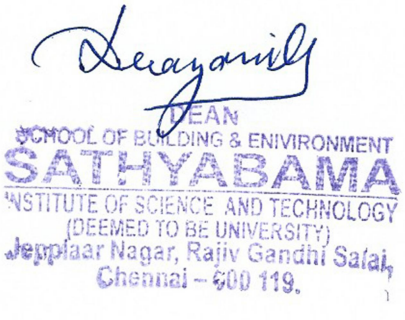
	Name of the faculty	Topics covered	Duration
1	Mr.Prakash	Module 1 and 2	24 hrs
2	Mr. Amuthan	Module 3 and 4	21 hrs

COURSE OUTCOME:

On completion of the course the student will be able to

CO1: Gain a working knowledge of Photoshop and develop their skills in editing and altering photographs for through a basic understanding of the tool bar, layers, and the adjustments panel.
CO2:. Understand the fundamentals of Google Sketch Up,and begin a new project using tools and concepts necessary to design and draw
CO3: Create drawing that encompasses the AutoCAD skills learned in the class.
CO4: Possess a basic knowledge of the communication needed to operate the system with the use of a computer aided drafting system for the production of drawings.

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SCHOOL OF BUILDING AND ENVIRONMENT

Computer Aided Architectural Graphics I

- Students attended: II Year B.Arch-IV Sem
- No. of. Students attended:101
- Mode of classes: Online
- Time of classes taken: A SEC - 9.00 to 12.15(Friday)
  B SEC – 9.00 to 12.15 (Tuesday)
  C SEC – 9.00 to 12.15 (Wednesday)

	Name of the faculty	Topics covered	Duration
1	Mr.Prakash	Module 1 and 2	24 hrs
2	Mr. Amuthan	Module 3 and 4	21 hrs

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OUTCOMES OF VALUE ADDED PROGRAM

Computer Studio I

UNIT 1 INTRODUCTION TO IMAGE EDITING 12 Hrs.

Basic Tools for Editing and Creating Graphics in ADOBE PHOTOSHOP - Layers (layer styles opacity- adjustment layers) Basic Retouching (Colour, manipulations, Levels, Curves, Seeing Colour accurately, Patch tool, Cropping ,Reading palettes, Dust and scratches) - Advanced Retouching(smoothing skin, smoothing wrinkles, special colour effects: black and white, sepia, grainy).

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Importing AutoCAD drawing File in sketch up-Basic Tools for Editing and Creating- Material apply, rendering with advanced VRAY. Importing 3D MODEL in lumion-Basic Tools for Editing and Creating- Material apply, rendering with advanced rendering tool, final walk through making.

UNIT 3 INTRODUCTION TO VISUAL COMPOSITION USING COMPUTER TOOLS 14 Hrs.

Understanding the drawing unit's settings, scales, limits, drawing tools, drawing objects, object editing and text, dimensioning in ACAD.

UNIT 4 PRODUCTIVE TECHNIQUES & DRAWING OUTPUT 7 Hrs.

Transparent overlays, hatching utilities, line type, line weight and colour, Multiline, Polyline, etc. Styles, blocks and symbol library in ACAD, File management, retrieving data, attributes, Layout and plotting.

Max. 45 Hours

COURSE OUTCOME:

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CO2:. Understand the fundamentals of Google Sketch Up,and begin a new project using tools and concepts necessary to design and draw
CO3: Create drawing that encompasses the AutoCAD skills learned in the class.
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VALUE ADDED PROGRAM

RECENT ADVANCES IN ARCHITECTURE SOFTWARES

(Jan 2021 to April 2021)

ATTENDANCE SHEET A SECTION

	ATTENDANCE A SEC																			
Reg no	Student name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
39210001	ADVIKA. K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210002	AKAASH. S	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210003	AKASH. L. J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210004	AKASH. S. P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
39210006	ANUSHREE. R	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P
39210007	APARNA. V	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210008	ASHOK KUMAR. R	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
39210009	ASHWIN RAGHUL. A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
39210010	ASHWINI SINGH	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
39210011	ATHIKA. V.S	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210012	ATLURI KEERTHANA	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
39210013	AVINASH. B	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
39210014	BENILIN SHEYA.B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210015	BHUVANESHWAR . G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210016	BRIAN GEORGE CHARLIN	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
39210017	DAFFNEE. D	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
39210018	DHARUN RAJ. V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210019	DHULIPALA BALA KOTESWARA RAC	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210020	DINESH. C.A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
39210021	DOREEN GRACE SANTHOSH	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
39210022	GATAKALA SAI SARATH SANTHOSH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210023	HARIHARAN. V	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
39210024	IJIN JOSE. I. J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
39210025	JANARDHAN. H	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
39210026	JAYASURYA. P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
39210027	JEFFERSON CHARLES. J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
39210028	JEGANATHAN. P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
39210029	JENNIFER ANGELINA. J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210030	JEROME SURAJ. K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210031	JEYAKAVIN. J	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
39210032	JOEL J M SINGH	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210033	JYOTHIKA. B	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P
39210034	KARTHIK RAJA. R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

ATTENDANCE B SEC

Reg no	Student name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
39210035	KARTHIKEYAN. A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210036	KARTHIKEYAN. M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210037	KARUNYA. S. L	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
39210038	KAYAL VIDARRSHANA. R	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210039	KEERTHANA SAJI	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A
39210040	KIRTHICK. J	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
39210041	KIRUBA SHANKARI. M	P	P	P	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P
39210042	LIFNIN G. ALEX	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210043	MALARVIZHI. S	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P
39210044	MALLA JAGANNADHA DURGU NAIDU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210045	MANISH JOTHI G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210046	MATHIVANAN. P	P	P	P	P	P	P	P	P	A	P	P	A	P	A	P	P	P	P	P	P
39210047	MOHAMED SHAKIR. J	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
39210048	MOHAMMED AFREED. M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210049	MONICK VARATHAN. S	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210050	MUKESH RAM. K	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
39210051	MUTHU MALLIGA . G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210052	NALLA VINAY KUMAR REDDY	P	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
39210053	NANTHITHA.A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210054	NARMADA. M	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
39210055	NIDHISHA. V	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
39210056	PABIN. M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210057	PADMASRI. D	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	A	P	P	P
39210058	PAVIN ROSARIO. T	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210059	POORNIMA. K	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
39210060	POORVISH. B	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210061	PRANAVAIDIYA. K	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210062	PRITHIKA. D	P	A	P	P	P	P	P	A	P	P	P	P	P	A	P	P	A	P	P	P
39210063	RAGURAM. S	A	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P
39210064	RAHUL R	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
39210065	RAJESH BOPPANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

ATTENDANCE C SEC

Reg no	Student name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
39210066	RAMSAI S	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P
39210067	RAVINA. A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210068	RISHA. J	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P
39210069	ROBBI SATYA SRI BHAVANI	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210070	ROHAN YOSUVA B. M	P	P	P	P	P	P	P	A	P	A	P	P	A	P	P	P	P	P	P	A
39210071	SAI SIBANI	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210072	SALLUCHIA. S	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
39210073	SAM JOSEPH	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210074	SANJAI STAFON. K	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P
39210075	SANJAY. V	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210076	SANJIV BALA. B	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	A	P	P
39210077	SANTHA KURUZ ESROM. V	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210078	SATHIYAKEERTHI. M	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P
39210079	SATHYAMOORTHY. M	A	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A
39210080	SHABARI SHREE. V	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
39210081	SHALINI.M	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210082	SHANJAY. M	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
39210083	SHANKARA NARAYANAN. S	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
39210084	SHREYA SUBRAMANIAN	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
39210085	SHYAM GANESH. M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210086	SHYMA.S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210087	SIDDIQ S R	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
39210088	SNOW DIMPY PREETHI .A	P	A	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P
39210089	SREEJA. J	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
39210090	SRI DEVI PRIYAA. N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210091	SUDERVEL. D	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P
39210092	SUJITHA. P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210093	SUPRIYA. B	A	P	A	P	P	P	P	P	P	P	A	P	P	A	P	P	P	A	P	P
39210094	SWAMINATHAN. R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210095	SWEETLIN. G	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
39210096	VIVIN MEROLA. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
39210097	AARTHI. D	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
39210098	ERAIANBU. S.J	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P
39210099	JASWANTH SAI KOSIREDDY	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P
39210100	MOHAMMED JAVED	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P
39210101	TIWISH C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A

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Chennai – 600 119.

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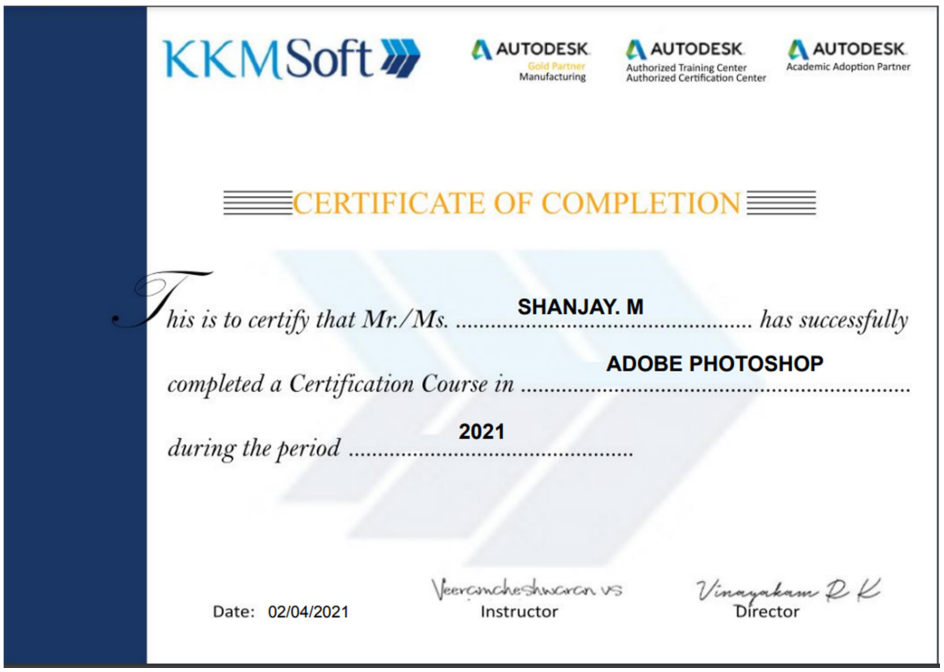
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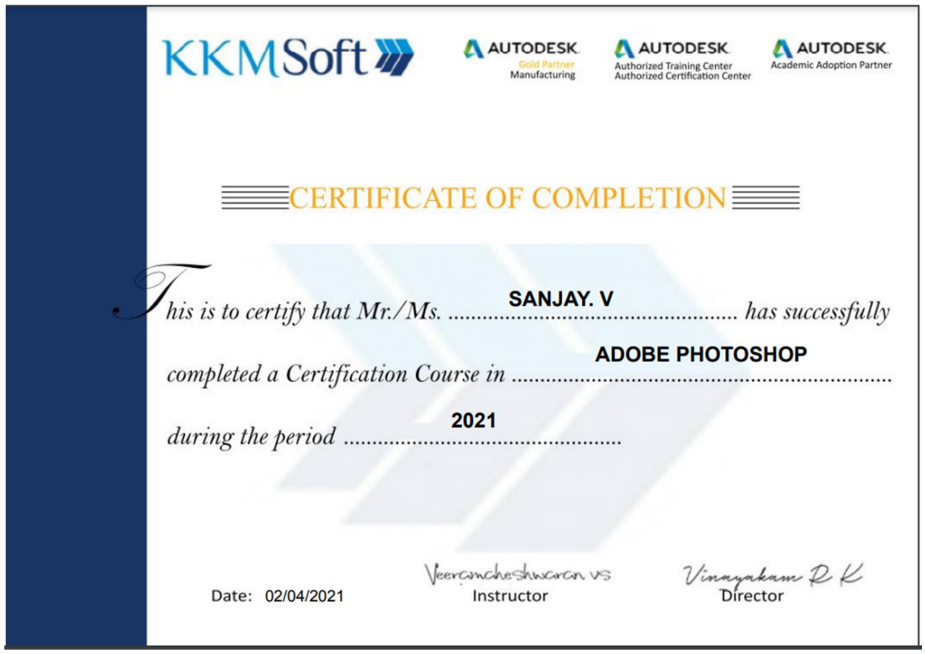
CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **SHANJAY. M** has successfully completed a Certification Course in **ADOBE PHOTOSHOP** during the period **2021**

Date: 02/04/2021

Veeramcheshwaran VS
Instructor

Vinayakam R K
Director



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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **SANJAY. V** has successfully completed a Certification Course in **ADOBE PHOTOSHOP** during the period **2021**

Date: 02/04/2021

Veeramcheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **SIDDIQ S R** *has successfully completed a Certification Course in* **ADOBE PHOTOSHOP** *during the period* **2021**

Date: 02/04/2021

Veeramcheshwaran VS
Instructor

Vinayakam R K
Director

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This is to certify that Mr./Ms. **POORNIMA. K** *has successfully completed a Certification Course in* **ADOBE PHOTOSHOP** *during the period* **2021**

Date: 02/04/2021

Veeramcheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **NANTHITHA.A** *has successfully completed a Certification Course in* **ADOBE PHOTOSHOP** *during the period* **2021**

Date: 02/04/2021

Veeramcheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **MATHIVANAN. P** *has successfully completed a Certification Course in* **ADOBE PHOTOSHOP** *during the period* **2021**

Date: 02/04/2021

Veeramcheshwaran VS
Instructor

Vinayakam R K
Director

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This is to certify that Mr./Ms. **KIRTHICK. J** *has successfully completed a Certification Course in* **ADOBE PHOTOSHOP** *during the period* **2021**

Date: 02/04/2021

Veerameheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **KARTHIK RAJA. R** *has successfully completed a Certification Course in* **ADOBE PHOTOSHOP** *during the period* **2021**

Date: 02/04/2021

Veerameheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **DINESH. C.A** *has successfully completed a Certification Course in* **ADOBE PHOTOSHOP** *during the period* **2021**

Date: 02/04/2021

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Instructor

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Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **ASHWINI SINGH** *has successfully completed a Certification Course in* **ADOBE PHOTOSHOP** *during the period* **2021**

Date: 02/04/2021

Veerameheshwaran VS
Instructor

Vinayakam R K
Director

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SCHOOL OF BUILDING AND ENVIRONMENT

Organizing

VALUE ADDED PROGRAM

Theme: Computer Aided Architectural Graphics II

Participants: II Year B.Arch-IV sem

Dates: Jan 2021- March 2021

Chief patrons

Dr. Mariazeena Johnson .,chancellor,SIST

Dr.Marie Johnson.,President, SIST

Patrons

Dr. T.Sasipraba ., Vice Chancellor ,,SIST

Coordinator
Ar.Yusuf
Organzing member
Ar.Priyadharshini

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SCHEDULES OF THE VALUE ADDED PROGRAM

(Jan 2021 to April 2021)

MODULE 1 COMPUTER RENDERING FOR VISUALIZATIONS **20 Hrs.**

Computer Rendering as a technique for Visualizations- Photorealistic vs Stylized Visuals - Introduction to V-Ray - 5 Step Render Workflow - Framing: Photographic Composition - Lighting: V-ray lights, Sun and Professional lighting - Materials: Creation, Properties and Setup - Final Render: Settings for Interiors and Exteriors, Day and Night, Render Elements - Post Production: Corrections and Techniques - Exploring Global Settings, Camera, Environment, Output, Indirect Illumination, VFB channels

MODULE 2 INTRODUCTION TO 3D MASSING **4 Hrs.**

Introduction to Revit - Building Information Modelling - Interface- Working with a Project- Navigation between Views, Basic Drawing and Editing- General Drawing Tools

MODULE 3 EDITING AND MODIFYING TOOLS **16 Hrs.**

Basic Modifying Tools Setting up Levels and Grid - Creating Levels- Importing CAD files- modifying walls - Adding Interior Walls, Doors and Windows - Loading Families - Creation and modifying on Floors - Roof -Stairs -Ramp -Ceiling -Railings

MODULE 4 COMPONENT TOOLS **16 Hrs.**

Setting up Sheets - Placing and Modifying Views - Printing Sheets, Annotation - Working with Dimensions - Working with Text - Adding Detail Lines and Symbols, Tags and Schedules - Adding Tags- Rooms and Room Tags - Working with Schedules - Creating Legends, detailing in Revit - Setting up Detail Views - Creating and Annotating - Details -Keynoting and Keynote - Legends - Patterning.

MODULE 5 CONSTRUCTIVE LEARNING **4 Hrs.**

Draft the previous semester-built form in Revit and create a 3D model for the building and represent over all into presentation format with computer render visualizations submitted as portfolio at end semester viva voce.

Max. 60 Hours

S.no	Name of the faculty	Topics covered	Duration
1	Mr.Prakash	Module 1 and 2	20 hrs
2	Mr.Arun	Module 3 and 4	36hrs
3	Mr.Amuthan	Module 5	4hrs

COURSE OUTCOME:

On completion of the course the student will be able to

CO1: Create photorealistic and stylized imagery of architectural objects through computer rendered perspectives

CO2: Apply efficient workflows for modelling, texturing, lighting and rendering processes required to create architecture visualizations

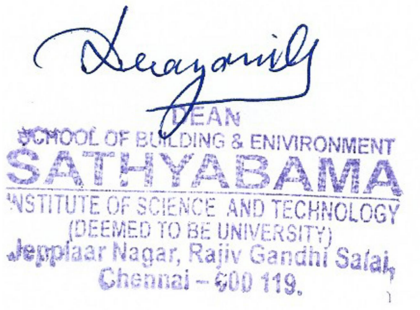
CO3: Utilize Revit software for conceptual form finding and massing exercises.

CO4: Articulate the purpose of BIM and how it is applied in the Autodesk Revit software.

CO5: Implement representation of objects in architecture model, and work with elevation, section, and 3D views.

CO6: Generate customizations and templates for repetitive modelling functions.

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SCHOOL OF BUILDING AND ENVIRONMENT

Computer Aided Architectural Graphics II

- Students attended: II Year B.Arch-IV sem
- No. of. Students attended:58
- Mode of classes: Online
- Time of classes taken:9.00 to 12.15(Tuesday)

MODULE 1 INTRODUCTION **4 Hrs.**
Introduction to various computer aided tools used in Architecture, Advantages and Disadvantages of each - 2D Vector vs Raster graphics- 3D modeling for exploration and presentation- Tools used for converting 2D to 3D - List of techniques used in the field, Possibilities & Importance of each.

MODULE 2 2D DRAFTING TOOLS **16 Hrs.**
Introduction to CAD Interface - Basic Understanding of coordinates - Model & Paper space - Understanding drawing commands using mouse and keyboard - Setting up limits and Understanding of Function keys - Exploring drawing unit settings (Imperial & Metric)- Line types: Multiline, Polyline, etc. - Line Styles: Dashed, Dotted, etc. - Understanding of Line Weights, Transparent Overlays, hatching utilities - Use of Color - Styles, Blocks and Symbol Library - Annotations & Dimensions - Control of Drawing - Plot and publish settings - Resources and References

MODULE 3 3D MODELLING **20 Hrs.**
Introduction to Sketchup Interface- Importing 2D drawing file into Sketchup - Adjusting Sketchup Settings - Creating and Editing Shapes and Forms - Creating Extrusions, Sweeps and Revolves - Layering, Grouping and Components - Creating textures - Applying materials to objects - Creating and saving styles - Creating plans and sections from 3d model –Geo locating model - Save and Export options - Extensions and Plug-in- Resources and References

MODULE 4 VISUALIZATIONS FOR PRESENTATIONS **16 Hrs.**
Importance of presentations in Architecture - Use of Visuals and Process Diagrams in Architecture - Tools used for presentations - Introduction to Photoshop- Interface and Tools- Composing an Image- Artistic vs Technical- Importing and rendering 2d drawings- Textures and tiling- Layer management and Overlaying- Creating depth in 3 dimensional visuals: Lighting, Shadows and Reflections- Masking and cutting- Adding people, trees, sky, objects- Styles and effects- Techniques of Photo Montage Visualizations- Post production corrections- Save formats- Resources and References

MODULE 5 CONSTRUCTIVE ASSIGNMENTS **4 Hrs.**
Draft Recreate 2D drawings of the previous semester's-built form in AutoCAD and create a 3D Sketchup model for the same. Represent in presentation format using Photoshop as a tool and submit as a portfolio for the end semester viva voce.

Max. 60 Hours

S.no	Name of the faculty	Topics covered	Duration
1	Mr.Prakash	Module 1 and 2	20 hrs
2	Mr.Arun	Module 3 and 4	36hrs
3	Mr.Amuthan	Module 5	4hrs

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OUTCOMES OF VALUE ADDED PROGRAM

Computer Aided Architectural Graphics II

COURSE OUTCOME:

On completion of the course the student will be able to

CO1: Create photorealistic and stylized imagery of architectural objects through computer rendered perspectives

CO2: Apply efficient workflows for modelling, texturing, lighting and rendering processes required to create architecture visualizations

CO3: Utilize Revit software for conceptual form finding and massing exercises.

CO4: Articulate the purpose of BIM and how it is applied in the Autodesk Revit software.

CO5: Implement representation of objects in architecture model, and work with elevation, section, and 3D views.

CO6: Generate customizations and templates for repetitive modelling functions.

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VALUE ADDED PROGRAM

RECENT ADVANCES IN ARCHITECTURE SOFTWARES

(Jan 2021 to March 2021)

ATTENDANCE SHEET

Sl. no.	Registration number	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	40210001	S. ACKSHAYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	40210002	AGANYA. M	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	40210003	ANANDHI. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	40210004	ANUDHARSHINI. G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	40210005	BALA KRISHNAN.K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	40210006	BALA YOGESH . V	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	40210007	DEVI MEENA. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	40210008	ELIN DANITA . D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	40210009	EVANGILINE.J.S	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	40210010	GAYATHIRI SRI. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	40210011	GOKUL. V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	40210012	R. GOKULNAATHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
13	40210013	GOPIKA. J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	40210014	GOPIKA. P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
15	40210015	GOWTHAMAN. C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P
16	40210016	HASHIKA VISHVINI	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
17	40210017	LAVANYA SHIRLEY.V	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	40210018	ISHANAA RATNAM . M	P	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P
19	40210019	JERLIN MARY	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	40210020	JOHN ALTON. J	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
21	40210021	JOSIKA . S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	40210022	KABILAN. B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	40210023	A KARTHIKA	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	40210024	KEREEN ANTOINETTE. E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	40210025	KESAVARSHANAN N A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
26	40210026	KOWSHICK. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	40210027	KRITHEESH RAJENDAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	40210028	KUMARAPPAA S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	40210029	LAVANYA. P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	40210030	MAARAN.S.S	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P
31	40210031	MANEPALLI LIKITHA	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
32	40210032	MANSOOR HUSSAIN. A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P

33	40210033	MATHIVANAN. U	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	40210034	MOHAMED RIYASDEEN .	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
35	40210035	NEVETHIKA.G	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	40210036	NITHYA. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	40210037	NIVYA THOMAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
38	40210038	PERLI RASHMI. P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	40210039	PRAGATHI. S	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	40210040	PRAMODHINE. G	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
41	40210041	PRASATH .V	A	P	A	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P
42	40210042	PRITIKA. L.J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	40210043	PRIYADHARSHINI. V	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
44	40210044	PURUSHOTHAMAN . G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
45	40210045	RAJAGOPAL. K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	40210046	ROHIT KUMAR . A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	40210047	ROSHINI. R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	40210048	SAHAYA VISHAL . V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	40210049	SANTHOSE.P.M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	40210050	SHREEMATHY. V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	40210051	SHWETA. G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	40210052	SIVA CHARITHA NARALA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
53	40210053	SOWMIYA. A	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P
54	40210054	SUBIKSHA. M	P	P	P	P	A	P	P	A	P	P	P	A	A	P	P	P	P	P	A
55	40210055	VAISHNAVI SANKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
56	40210056	VALLARASU.S	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P
57	40210057	BURRA SAILEELA	P	P	P	P	P	P	P	A	P	A	P	P	A	P	P	P	P	P	P	P
58	40210058	SHAILAJA.S	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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

SATHYABAMA

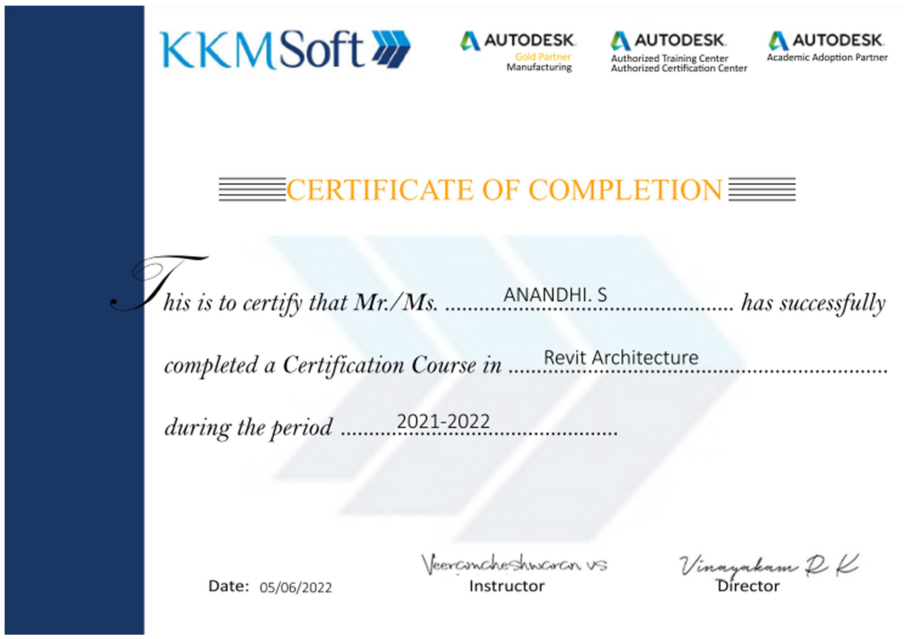
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VALUE ADDED PROGRAM CERTIFICATES



KKMSoft

AUTODESK. Gold Partner Manufacturing | AUTODESK. Authorized Training Center Authorized Certification Center | AUTODESK. Academic Adoption Partner

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. ANANDHI. S *has successfully completed a Certification Course in* Revit Architecture *during the period* 2021-2022

Date: 05/06/2022

Veerancheshwaran VS
Instructor

Vinayakam R K
Director



KKMSoft

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. AGANYA. M *has successfully completed a Certification Course in* Revit Architecture *during the period* 2021-2022

Date: 05/06/2022

Veerancheshwaran VS
Instructor

Vinayakam R K
Director

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This is to certify that Mr./Ms. ANUDHARSHINI. G *has successfully completed a Certification Course in* Revit Architecture *during the period* 2021-2022

Date: 05/06/2022

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Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. BURRA SAILEELA *has successfully completed a Certification Course in* Revit Architecture *during the period* 2021-2022

Date: 05/06/2022

Veerancheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. GAYATHIRI SRI. S *has successfully completed a Certification Course in* Revit Architecture *during the period* 2021-2022

Date: 05/06/2022

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Instructor

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Director

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This is to certify that Mr./Ms. GOKULNAATHAN. R *has successfully completed a Certification Course in* Revit Architecture *during the period* 2021-2022

Date: 05/06/2022

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Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. GOPIKA. P *has successfully completed a Certification Course in* Revit Architecture *during the period* 2021-2022

Date: 05/06/2022

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Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. HASHIKA VISHVINI *has successfully completed a Certification Course in* Revit Architecture *during the period* 2021-2022

Date: 05/06/2022

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Instructor

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Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. ISHANAA RATNAM . M *has successfully completed a Certification Course in* Revit Architecture *during the period* 2021-2022

Date: 05/06/2022

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Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. JOHN ALTON. J *has successfully completed a Certification Course in* Revit Architecture *during the period* 2021-2022

Date: 05/06/2022

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Instructor

Vinayakam R K
Director

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This is to certify that Mr./Ms. KABILAN. B *has successfully completed a Certification Course in* Revit Architecture *during the period* 2021-2022

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Instructor

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Director

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This is to certify that Mr./Ms. KOWSHICK. S *has successfully completed a Certification Course in* Revit Architecture *during the period* 2021-2022

Date: 05/06/2022

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Instructor

Vinayakam R K
Director

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This is to certify that Mr./Ms. KARTHIKA. A *has successfully completed a Certification Course in* Revit Architecture *during the period* 2021-2022

Date: 05/06/2022

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Instructor

Vinayakam R K
Director

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This is to certify that Mr./Ms. KESAVARSHANAN N A *has successfully completed a Certification Course in* Revit Architecture *during the period* 2021-2022

Date: 05/06/2022

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Instructor

Vinayakam R K
Director

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This is to certify that Mr./Ms. ACKSHAYA.S *has successfully completed a Certification Course in* Revit Architecture *during the period* 2021-2022

Date: 05/06/2022

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Instructor

Vinayakam R K
Director

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SCHOOL OF BUILDING AND ENVIRONMENT

Organizing

VALUE ADDED PROGRAM

Theme: Computer Aided Architectural Graphics I

Participants: II Year B.Arch - V sem

Dates: Aug 2021 to Dec 2021

Chief patrons

Dr. Mariazeena Johnson .,chancellor,SIST

Dr.Marie Johnson.,President, SIST

Patrons

Dr. T.Sasipraba ., Vice Chancellor ,,SIST

Coordinator
Ar.Priyadharshini
Organzing member
Mr.Amuthan

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SCHEDULES OF THE VALUE ADDED PROGRAM

(August 2021 to Dec 2021)

UNIT 1 INTRODUCTION TO REVIT ARCHITECTURE **09 Hrs**

Introduction to Revit - Building Information Modelling - Interface- Working with a Project- Navigation between Views, Basic Drawing and Editing- General Drawing Tools- Editing Revit Elements.

UNIT 2 MODIFYING TOOLS **12 Hrs.**

Basic Modifying Tools Setting up Levels and Grid - Creating Levels- Importing CAD files- Creating Structural Grids- Adding Columns, Drawing and Modifying Walls- Creating Exterior Shell- Adding Interior Walls, Doors and Windows- Adding Doors and Windows- Loading Families - Creating Additional Part Sizes, Curtain Walls- Creating Curtain Walls- Adding Curtain Grids- Working with Curtain Wall Panels- Adding Mullions.

UNIT 3 COMPONENT TOOLS **12 Hrs**

Creating Views- Duplicating View - Adding Callout Views- Creating Elevations - Creating Sections, Floors- Creating Floors - Shaft Openings - Sloped Floors, Components - Adding Components, Reflected Ceiling Plans - Creating Ceilings - Soffits - Adding Ceiling Fixtures, Roofs - Creating Roofs - Roofs by Footprint- Reference Planes and Work Planes- Roofs by Extrusion, Vertical Circulation - Adding Stairs - Creating Ramps - Working with Railings - Construction Documentation.

UNIT 4 DIMENSIONING & TEXTING **12 Hrs.**

Setting up Sheets - Placing and Modifying Views - Printing Sheets, Annotation - Working with Dimensions - Working with Text - Adding Detail Lines and Symbols, Tags and Schedules - Adding Tags- Rooms and Room Tags - Working with Schedules - Creating Legends, Detailing in Revit - Setting up Detail Views - Creating and Annotating - Details -Keynoting and Keynote - Legends - Patterning..

Max. 45 Hours

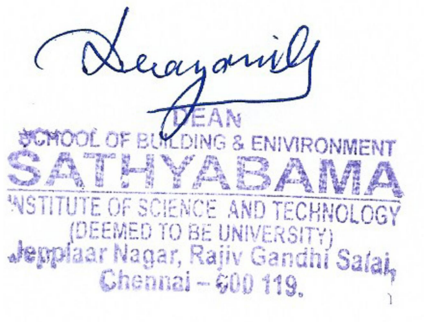
S.no	Name of the faculty	Topics covered	Duration
1	Mr.Harish	Module 1 and 2	21 hrs
2	Mr. Prabhu	Module 3 and 4	24 hrs

COURSE OUTCOMES

On completion of the course the student will be able to

CO1: To confidently present the individual's design intent, design process and enhance the presentation skill.
CO2:. To generate more design possibilities.
CO3: To visualize designed built form and the environment virtually.
CO4:. To manage time effectively.

Dean



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SCHOOL OF BUILDING AND ENVIRONMENT

Computer Studio II

- Students attended: III Year B.Arch-V Sem
- No. of. Students attended:101
- Mode of classes: Online
- Time of classes taken: A SEC - 9.00 to 12.15(Thursday)
  B SEC – 9.00 to 12.15 (Monday)
  C SEC – 9.00 to 12.15 (Wednesday)

UNIT 1 INTRODUCTION TO REVIT ARCHITECTURE 09 Hrs

Introduction to Revit - Building Information Modelling - Interface- Working with a Project- Navigation between Views, Basic Drawing and Editing- General Drawing Tools- Editing Revit Elements.

UNIT 2 MODIFYING TOOLS 12 Hrs.

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Max. 45 Hours

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OUTCOMES OF VALUE ADDED PROGRAM

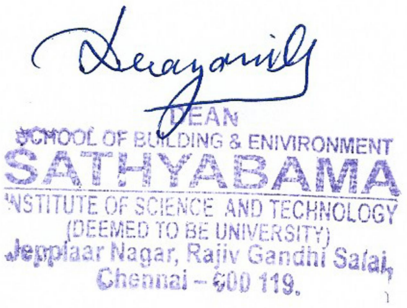
Computer Studio II

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VALUE ADDED PROGRAM

RECENT ADVANCES IN ARCHITECTURE SOFTWARES

(Jan 2021 to April 2021)

ATTENDANCE SHEET A SECTION

	ATTENDANCE A SEC																			
Reg no	Student name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
39210001	ADVIKA. K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210002	AKAASH. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A
39210003	AKASH. L. J	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P
39210004	AKASH. S. P	P	P	A	P	P	A	A	P	A	P	P	P	A	P	P	P	P	P	P	P
39210006	ANUSHREE. R	P	A	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A
39210007	APARNA. V	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210008	ASHOK KUMAR. R	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
39210009	ASHWIN RAGHUL. A	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P
39210010	ASHWINI SINGH	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210011	ATHIKA. V.S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210012	ATLURI KEERTHANA	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P
39210013	AVINASH. B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210014	BENILIN SHEYA.B	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
39210015	BHUVANESHWAR . G	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P
39210016	BRIAN GEORGE CHARLIN	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P
39210017	DAFFNEE. D	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P
39210018	DHARUN RAJ. V	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210019	DHULIPALA BALA KOTESWARA RAO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
39210020	DINESH. C.A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210021	DOREEN GRACE SANTHOSH	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P
39210022	GATAKALA SAI SARATH SANTHOSH	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210023	HARIHARAN. V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
39210024	IJIN JOSE. I. J	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P
39210025	JANARDHAN. H	A	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P
39210026	JAYASURYA. P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P
39210027	JEFFERSON CHARLES. J	A	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P
39210028	JEGANATHAN. P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210029	JENNIFER ANGELINA. J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210030	JEROME SURAJ. K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
39210031	JEYAKAVIN. J	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P
39210032	JOEL J M SINGH	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P
39210033	JYOTHIKA. B	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
39210034	KARTHIK RAJA. R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

ATTENDANCE B SEC

Reg no	Student name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
39210035	KARTHIKEYAN. A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210036	KARTHIKEYAN. M	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210037	KARUNYA. S. L	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	A	P	A	P
39210038	KAYAL VIDARRSHANA. R	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
39210039	KEERTHANA SAJI	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
39210040	KIRTHICK. J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
39210041	KIRUBA SHANKARI. M	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
39210042	LIFNIN G. ALEX	P	A	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
39210043	MALARVIZHI. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210044	MALLA JAGANNADHA DURGU NAIDU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
39210045	MANISH JOTHI G	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210046	MATHIVANAN. P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
39210047	MOHAMED SHAKIR. J	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
39210048	MOHAMMED AFREED. M	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
39210049	MONICK VARATHAN. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
39210050	MUKESH RAM. K	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A
39210051	MUTHU MALLIGA . G	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
39210052	NALLA VINAY KUMAR REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210053	NANTHITHA.A	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210054	NARMADA. M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210055	NIDHISHA. V	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210056	PABIN. M	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P
39210057	PADMASRI. D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210058	PAVIN ROSARIO. T	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210059	POORNIMA. K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
39210060	POORVISH. B	P	P	P	A	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P
39210061	PRANAVAIDIYA. K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210062	PRITHIKA. D	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210063	RAGURAM. S	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	A
39210064	RAHUL R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210065	RAJESH BOPPANA	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P

ATTENDANCE C SEC

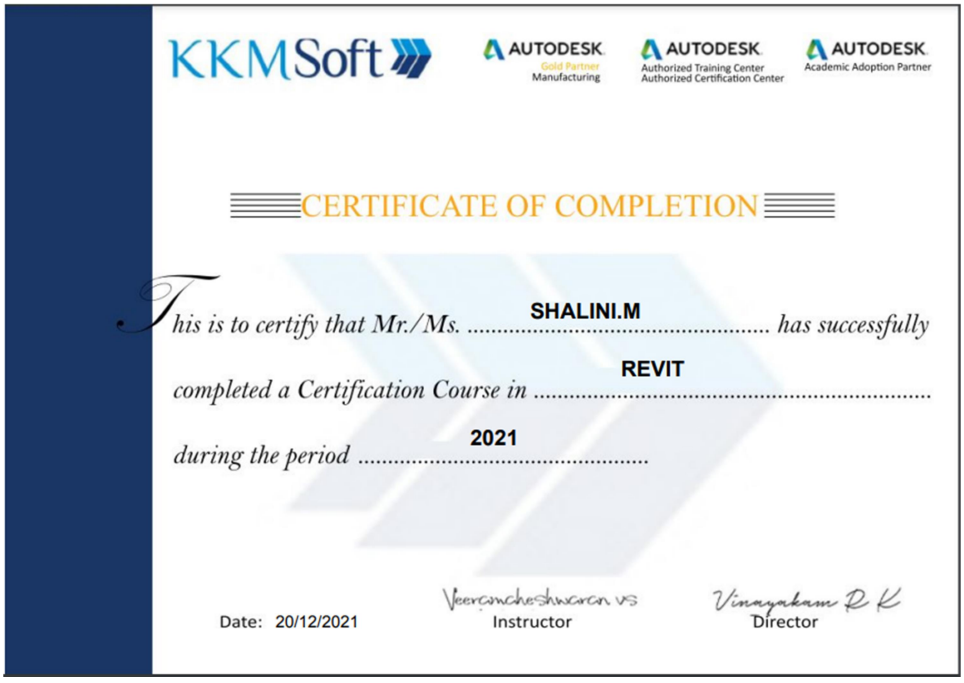
Reg no	Student name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
39210066	RAMSAI S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210067	RAVINA. A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210068	RISHA. J	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	A	P
39210069	ROBBI SATYA SRI BHAVANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210070	ROHAN YOSUVA B. M	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
39210071	SAI SIBANI	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
39210072	SALLUCHIA. S	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
39210073	SAM JOSEPH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210074	SANJAI STAFON. K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
39210075	SANJAY. V	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
39210076	SANJIV BALA. B	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210077	SANTHA KURUZ ESROM. V	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
39210078	SATHIYAKEERTHI. M	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P
39210079	SATHYAMOORTHY. M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210080	SHABARI SHREE. V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210081	SHALINI.M	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
39210082	SHANJAY. M	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
39210083	SHANKARA NARAYANAN. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210084	SHREYA SUBRAMANIAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
39210085	SHYAM GANESH. M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210086	SHYMA.S	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P
39210087	SIDDIQ S R	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
39210088	SNOW DIMPY PREETHI .A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
39210089	SREEJA. J	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
39210090	SRI DEVI PRIYAA. N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A
39210091	SUDERVEL. D	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
39210092	SUJITHA. P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
39210093	SUPRIYA. B	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210094	SWAMINATHAN. R	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P
39210095	SWEETLIN. G	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P
39210096	VIVIN MEROLA. S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210097	AARTHI. D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210098	ERAIANBU. S.J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39210099	JASWANTH SAI KOSIREDDY	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	P
39210100	MOHAMMED JAVED	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
39210101	TIWISH C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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VALUE ADDED PROGRAM CERTIFICATES



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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. SHALINI.M has successfully completed a Certification Course in REVIT during the period 2021

Date: 20/12/2021

Veeraraghavan VS
Instructor

Vinayakam R K
Director



KKMSoft

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. ERAI ANBU. S.J has successfully completed a Certification Course in REVIT during the period 2021

Date: 20/12/2021

Veeraraghavan VS
Instructor

Vinayakam R K
Director

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This is to certify that Mr./Ms. **PABIN. M** has successfully completed a Certification Course in **REVIT** during the period **2021**

Date: 20/12/2021

Veerancheshwaran VS
Instructor

Vinayakam R K
Director

KKMSoft

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **RAGURAM. S** has successfully completed a Certification Course in **REVIT** during the period **2021**

Date: 20/12/2021

Veerancheshwaran VS
Instructor

Vinayakam R K
Director

KKMSoft

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **KARTHIKEYAN. M** *has successfully completed a Certification Course in* **REVIT** *during the period* **2021**

Date: 20/12/2021

Veerameheshwaran VS
Instructor

Vinayakam R K
Director

KKMSoft

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **DAFFNEE. D** *has successfully completed a Certification Course in* **REVIT** *during the period* **2021**

Date: 20/12/2021

Veerameheshwaran VS
Instructor

Vinayakam R K
Director

KKMSoft

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **ATHIKA. V.S** *has successfully completed a Certification Course in* **REVIT** *during the period* **2021**

Date: 20/12/2021

Veerancheshwaran VS
Instructor

Vinayakam R K
Director

KKMSoft

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **ANUSHREE. R** *has successfully completed a Certification Course in* **REVIT** *during the period* **2021**

Date: 20/12/2021

Veerancheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **JYOTHIKA. B** *has successfully completed a Certification Course in* **REVIT** *during the period* **2021**

Date: 20/12/2021

Veerasmcheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **SREEJA. J** *has successfully completed a Certification Course in* **REVIT** *during the period* **2021**

Date: 20/12/2021

Veerasmcheshwaran VS
Instructor

Vinayakam R K
Director

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This is to certify that Mr./Ms. **SWEETLIN. G** *has successfully completed a Certification Course in* **REVIT** *during the period* **2021**

Date: 20/12/2021

Veerancheshwaran VS
Instructor

Vinayakam R K
Director

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **SAI SIBANI** *has successfully completed a Certification Course in* **REVIT** *during the period* **2021**

Date: 20/12/2021

Veerancheshwaran VS
Instructor

Vinayakam R K
Director