



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 INTELLECTUAL PROPERTY RIGHTS

Date: 8th - 13th July, 2019

Duration: 30 Hours

Course Outcomes

- To introduce fundamental aspects of Intellectual property Rights to students who are going to play a major role in development and management of innovative projects in industries.
- To disseminate knowledge on patents, patent regime in India and abroad and registration aspects
- To disseminate knowledge on copyrights and trademarks its related rights and registration aspects
- To aware about current trends in IPR and Govt. steps in fostering IPR

Course Content

- Overview of Intellectual Property
- Patents
- Copyrights
- Trademarks
- Other forms of IP
 - Design
 - Geographical Indication (GI)
 - Layout Design Protection
- Current Contour

Program Coordinator

Dr. T. Sudhakar

Dr. Anima Nanda



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DEPARTMENT OF BIOMEDICAL ENGINEERING

BATCH 2016-2020

(8/7/19 - 13/7/19)

STUDENTS NAME LIST

S.No	Register Number	Name of the Student	8/7	9/7	10/7	11/7	12/7	13/7
1.	3624001	Abhijit Joshua. J	P	P	P	a	P	P
2.	3624003	Abirami. M	P	P	a	P	P	P
3.	3624004	Alka Sajeev	P	P	P	P	P	a
4.	3624006	Andrew John	P	P	P	P	P	P
5.	3624007	Angel Preethi. R	P	P	P	P	P	P
6.	3624008	Archanadevi. R	P	P	P	P	P	P
7.	3624009	Arivunila. R	P	P	P	P	P	P
8.	3624011	Ashwin. C. A.	P	P	P	P	P	a
9.	3624012	Avinash. S	P	P	P	P	P	P
10.	3624013	Aziyath Nisha. A	a	P	a	P	P	P
11.	3624014	Balaji Rayappan. C	P	P	P	P	P	P
12.	3624015	Balaji Vaishnavi	P	a	P	P	P	P
13.	3624017	Charan. M.A	P	P	P	P	P	P
14.	3624019	Chundru Purna Sai Krishna Sindhu	P	P	a	P	P	P
15.	3624020	Fathima Amirah M	P	P	P	P	P	P
16.	3624021	Gayathri. G	P	P	P	P	P	P
17.	3624022	Gokila. P	a	P	P	P	a	P
18.	3624023	Gopinath. S	P	P	P	a	P	P
19.	3624026	Harini. R	P	a	P	P	P	P
20.	3624028	Harshitha Budharaju Narayanan	P	P	P	P	P	P
21.	3624030	Jagannadham Nithya Rajasree	P	P	a	P	P	P
22.	3624031	Jaghteessvari As	P	P	P	P	P	P
23.	3624037	Kalaivani S	P	P	P	P	P	P
24.	3624038	Karpagam. R	P	a	P	P	P	P
25.	3624039	Karthik. S	P	P	P	P	P	P
26.	3624040	Keerthika. M	a	P	P	P	P	a
27.	3624041	Keerthyvassan. S	P	P	P	P	P	P
28.	3624042	Libna Joji	P	P	P	P	P	P
29.	3624043	Manjula. Y	P	P	P	P	P	P
30.	3624045	Mohammed Jalaluddin Modi	P	P	P	P	a	P
31.	3624049	Nisha. K	P	P	P	P	P	P
32.	3624051	Pavithra S Devanesan	P	P	P	a	P	P



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S.No	Register Number	Name of the Student						
33.	3624053	Pradeepa.K	P	a	P	P	P	P
34.	3624055	Preetha. S	a	P	P	P	P	P
35.	3624056	Raghavi. J. P	P	P	a	P	a	P
36.	3624057	Ravina. T	P	P	P	P	P	a
37.	3624059	Rimisha Guptha	P	P	a	a	P	P
38.	3624060	Rithighaa. B. R	P	P	P	P	P	P
39.	3624061	Sandra Benny	P	P	P	P	P	a
40.	3624062	Sangeetha. S	P	P	a	P	a	P
41.	3624063	Saptarshi Das Gupta	P	P	P	P	P	P
42.	3624064	Sathyanarayanan. S	P	a	P	P	P	P
43.	3624067	Sindhiya. R	P	P	P	P	P	P
44.	3624068	Sonaa. R	P	P	P	P	P	P
45.	3624069	Sowmiya. S	a	P	P	P	P	P
46.	3624071	Srikanth. A	P	P	P	P	P	P
47.	3624072	Sughasri.K	P	P	P	P	P	P
48.	3624073	Surya. S	P	P	P	a	P	P
49.	3624074	Sushmitha. K	P	P	P	P	P	P
50.	3624075	Tanya Sruti I	P	P	P	P	P	P
51.	3624076	Thamarai Selvi.S	P	P	P	P	P	P
52.	3624077	Uppalapati Manoj Kumar	P	P	P	P	P	a
53.	3624078	Vaddarapu Sonu Kiran	P	P	P	P	P	P
54.	3624079	Vallabhaneni Kumara Nada Venkata Prasad	P	a	P	a	P	P
55.	3624080	Veernapati Shiney Joyce	P	P	P	P	P	P
56.	3624081	Veronica Priyadarshini. J	P	P	P	P	P	P
57.	3624082	Vetrivel A	a	P	P	P	P	P
58.	3624083	Vigneswari. D	P	P	P	P	P	P
59.	3624085	Vinitha. S	P	P	P	P	a	P
60.	3624086	Yasodha. M	P	P	P	P	P	P

Program Coordinator
Dr T. Sudhakar
Dr Anima Nanda

[Signature]

HEAD OF THE DEPARTMENT
DEPARTMENT OF BIOMEDICAL ENGINEERING
SATHYABAMA
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Madhav Nagar, Rajiv Gandhi Salai
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[Signature]
13/01/21
Signature



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CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. **ABHIJIT JOSHUA J** student of Biomedical Engineering has successfully completed the 30 hours Value added course on “**INTELLECTUAL PROPERTY RIGHTS**” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr./Ms. **ALKA SAJEEV** student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr./Ms. ANGEL PREETHI. R student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. ARIVUNILA. R student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr./Ms. **BALAJI VAISHNAVI** student of Biomedical Engineering has successfully completed the 30 hours Value added course on “**INTELLECTUAL PROPERTY RIGHTS**” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr./Ms. CHARAN. M.A student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr./Ms. FATHIMA AMIRAH M student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr./Ms. **GOPINATH. S** student of Biomedical Engineering has successfully completed the 30 hours Value added course on “**INTELLECTUAL PROPERTY RIGHTS**” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr./Ms. HARSHITHA BUDHARAJU NARAYANAN student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr./Ms. KARPAGAM. R student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr./Ms. KARTHIK. S student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr. KEERTHYVASSAN. S student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr. MOHAMMED JALALUDDIN MODI student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Ms. PAVTHRA S DEVANESAN student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Ms. PRADEEPA. K student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr. VALLABHANENI KUMARA NADA VENKATA PRASAD student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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CERTIFICATE OF PARTICIPATION

This is to certify that Ms. RAGHAVI. J. P student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr./Ms. JAGANNADHAM NITHYA RAJASREE student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Ms. RIMISHA GUPTHA student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr. SATHIYANARAYANAN. S student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr. SRIKANTH. A student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr. UPPALAPATI MANOJ KUMAR student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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This is to certify that Mr. VETRIVEL A student of Biomedical Engineering has successfully completed the 30 hours Value added course on “INTELLECTUAL PROPERTY RIGHTS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 08.07.2019 to 13.07.2019.

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School of Bio and Chemical Engineering
Department of Biomedical Engineering
offers

A value added course
on

ARDUINO PROGRAMMING

Date: 26th - 31st August, 2019

Duration: 30 Hours

Course Outcomes

To impart knowledge on

- Learn the Arduino programming language and IDE
- Prototype circuits and connects them to the Arduino
- Program the Arduino microcontroller to make the circuits work
- Connect the Arduino microcontroller to a serial terminal to understand communication and stand-alone use
- Explore the provided example code and online resources for extending knowledge about the capabilities of the Arduino microcontroller

Course Content

- Getting Started with Arduino
- Review Of Basic Concepts, Arduino I/O Functions
- Arduino Time, Arduino Displays
- Arduino Sensors, Arduino Secondary Integrations
- Giving Input to The Controller, Arduino Communications
- Develop simple programs using ARDUINO IDE
- Create programs and interfacing ARDUINO with FIRMATA protocol
- Design GUI for different applications
- Develop web application using python

Vision of the Department

To be globally recognized as a research driven Department to nurture Biomedical Engineers with sound knowledge in clinical translation of diagnostic and therapeutic innovation for advanced human health care.

Mission of the Department

M1: To impart quality education to the aspiring engineers through effective teaching learning techniques to enhance their skills, capacity and make them globally competitive Biomedical Engineers

M2: To develop collaborations with national, international institutes, research & development organizations and industries for advanced technology in. health care system

M3: To provide professional skills for designing biomedical equipment and technical support for medical equipment.

M4: To mould the young minds to emerge as established professionals or entrepreneurs to fulfill the demands of the society towards healthcare

Program Coordinator

Ms. Bethanne Janney J

Mr. G. UmaShankar

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STUDENTS NAME LIST

(26/8/19 - 31/8/19)

S. No	Reg No	Name of the Student	26/8	27/8	28/8	29/8	30/8	31/8
1	37240001	Ahamed Nizamuddin M S	P	P	P	P	P	P
2	37240002	Aishwarja J	P	P	P	P	P	P
3	37240003	Ajin R	P	P	P	P	P	P
4	37240004	Akshaya P C	P	P	P	P	P	P
5	37240005	Angeline J	P	P	P	P	P	P
6	37240006	Antony Fathima Shiny J	P	P	P	P	P	P
7	37240007	Anumolu Venkata Siva Sankar	P	P	P	P	P	P
8	37240008	Anupriya Soni	P	P	P	P	P	P
9	37240010	Aravindhana G	P	P	P	P	P	P
10	37240012	Archana R	P	P	P	P	P	P
11	37240013	Ashwathi H	P	P	P	P	P	P
12	37240014	Balamurugan G	P	P	P	P	P	P
13	37240015	Bandaru Saimanideep	P	P	P	P	P	P
14	37240016	Brabin Raj P	P	P	P	P	P	P
15	37240017	Caroline Chriselda.L	P	P	P	P	P	P
16	37240018	Chandana H	P	P	P	P	P	P
17	37240019	Deepak V S	P	P	P	P	P	P
18	37240020	Devisri K	P	P	P	P	P	P
19	37240021	Dhelip D	P	P	P	P	P	P
20	37240022	Durga M	P	P	P	P	P	P
21	37240023	Fahira Parveen M. S	P	P	P	P	P	P
22	37240024	Gayathri.P	P	P	P	P	P	P
23	37240025	Godwinson J	P	P	P	P	P	P
24	37240026	Hemanth Kumar.S	P	P	P	P	P	P
25	37240028	Jaiseph Joseph Sabu	P	P	P	P	P	P
26	37240029	Janani E	P	P	P	P	P	P
27	37240030	Jasmine J	P	P	P	P	P	P
28	37240032	Jayasree J	P	P	P	P	P	P
29	37240034	Jeeva.J	P	P	P	P	P	P
30	37240038	Jones Leo Raj P	P	P	P	P	P	P
31	37240039	Kaaviya V	P	P	P	P	P	P
32	37240041	Karkuzhali D	P	P	P	P	P	P
33	37240042	Karnati Nagadivya	P	P	P	P	P	P
34	37240044	Kavitha Lakshmi J	P	P	P	P	P	P
35	37240046	Kowsalya.V	P	P	P	P	P	P
36	37240047	Logapriya.S	P	P	P	P	P	P
37	37240048	Lumen Christy V	P	P	P	P	P	P
38	37240049	Mahesh Kumar S	P	P	P	P	P	P
39	37240050	Manobala.P	P	P	P	P	P	P



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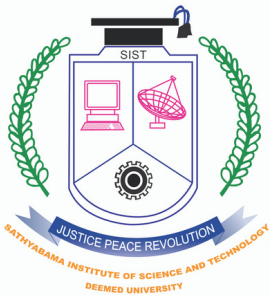
S. No	Reg No	Name of the Student						
40	37240051	Manojkumar.P	P	P	a	P	P	P
41	37240052	Mercy Grace M	a	P	P	P	P	P
42	37240054	Monisha.S	P	P	P	P	P	a
43	37240056	Pandalaneni Pruthula	P	a	P	P	P	P
44	37240057	Paul John P	P	P	P	a	P	P
45	37240058	Pulimi Priyamvadha	P	P	a	P	P	P
46	37240059	Radha K	P	P	P	P	a	P
47	37240060	Rahul Thomas Rajeev	P	P	P	P	P	P
48	37240063	Ranjith R	a	P	P	P	P	P
49	37240065	Santhi.P	P	P	P	P	P	P
50	37240068	Sivasankar.K	P	a	P	P	P	P
51	37240069	Sneha Bhattacharyya	P	P	P	a	P	P
52	37240070	Sonali Das	P	P	a	P	P	P
53	37240071	Sonica Sree K	P	P	P	P	P	a
54	37240072	Soundharya B	P	P	P	P	P	P
55	37240073	Swedha.K	a	P	P	P	P	P
56	37240076	Vigneshwari P	P	P	P	P	P	P
57	37240078	Vishal.R. S	P	a	P	P	P	P
58	37240079	Nivedha.S	P	P	P	a	P	P
59	37240080	Sofica.B	P	P	P	P	P	P
60	37240081	Gomathi Bala.M. K	P	P	P	P	a	P

Program Coordinator

MS. Bethanney Tanner J - *Bethanney*

Mr G. Umashankar G. *Umashankar*

T. Gualahy
HOD Signature
31/8/19
HEAD OF THE DEPARTMENT OF BIOMEDICAL ENGINEERING
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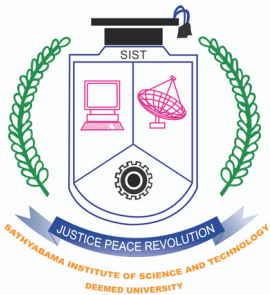
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This is to certify that Mr. /Ms. AJIN R student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

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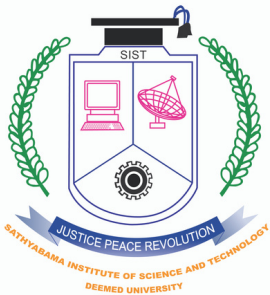
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This is to certify that Mr. /Ms. ANGELINE J student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

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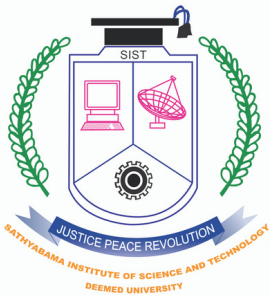
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This is to certify that Mr. /Ms. ANTONY FATHIMA SHINY J student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08. 2019 to 31.08.2019.

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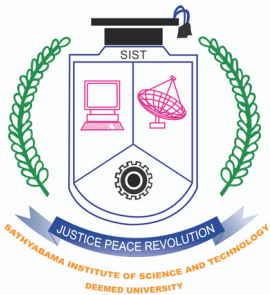
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This is to certify that Mr. /Ms. ARAVINDHAN G student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

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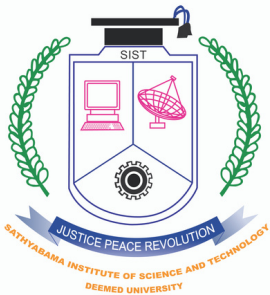
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This is to certify that Mr. /Ms. ARCHANA R student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

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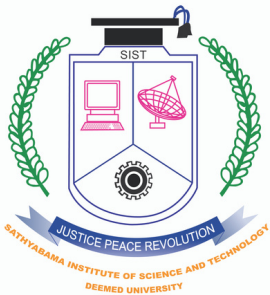
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This is to certify that Mr. /Ms. BALAMURUGAN G student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

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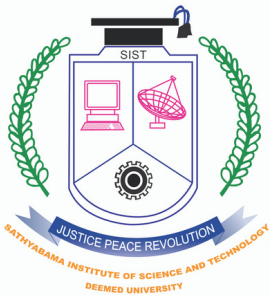
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This is to certify that Mr. /Ms. CAROLINE CHRISelda.L student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08. 2019 to 31.08.2019.

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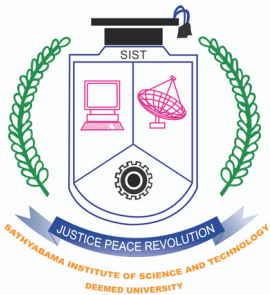
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This is to certify that Mr. /Ms. CHANDANA H student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

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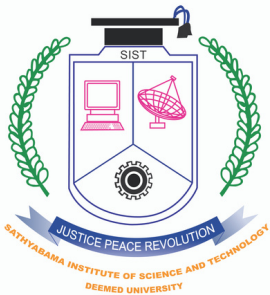
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This is to certify that Mr. /Ms. DHELIP D student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

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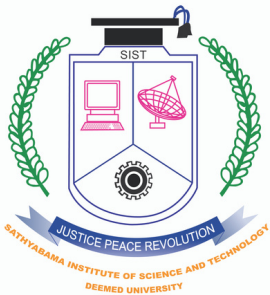
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This is to certify that Mr. /Ms. DURGA M student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

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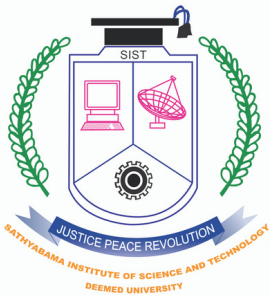
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This is to certify that Mr. /Ms. GODWINSON J student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

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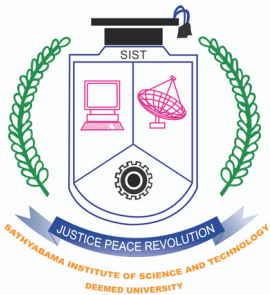
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This is to certify that Mr. /Ms. JASMINE J student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

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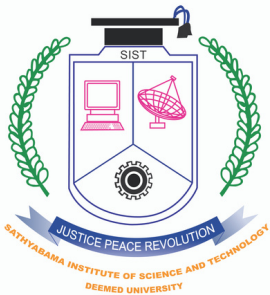
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This is to certify that Mr. /Ms. JAYASREE J student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

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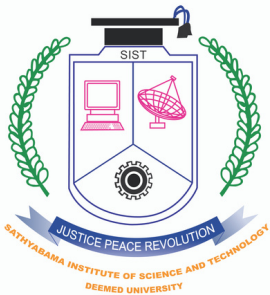
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This is to certify that Mr. /Ms. KAAVIYA V student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

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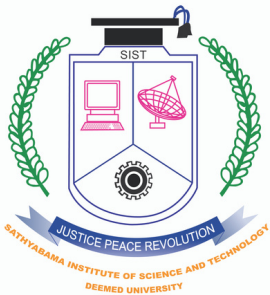
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This is to certify that Mr. /Ms. KARKUZHALI D student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

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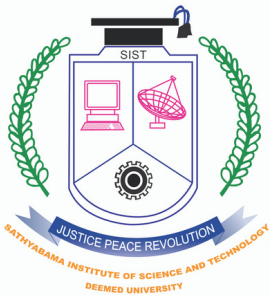
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This is to certify that Mr. /Ms. LOGAPRIYA.S student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

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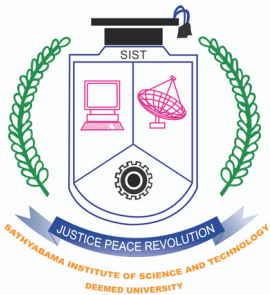
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This is to certify that Mr. /Ms. MAHESH KUMAR S student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08. 2019 to 31.08.2019.

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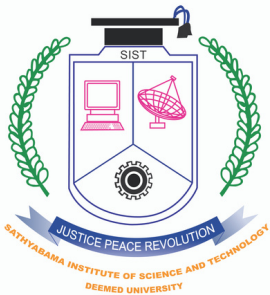
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This is to certify that Mr. /Ms. MANOJKUMAR.P student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

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This is to certify that Mr. /Ms. PANDALANENI PRUTHULA student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08. 2019 to 31.08.2019.

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This is to certify that Mr. /Ms. SOUNDHARYA B student of Biomedical Engineering has successfully completed the 30 hours Value added course on “ARDUINO PROGRAMMING ” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 26.08.2019 to 31.08.2019.

Mr. G. UMASHANKAR
PROGRAM CO-ORDINATOR

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**School of Bio and Chemical Engineering
Department of Biomedical Engineering
offers
A value added course
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EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS

Date: 3rd - 8th February, 2020

Duration: 30 Hours

Course Outcomes

- Understand the fundamentals of embedded system and its hardware units.
- Apply the concepts of various programming models for embedded system design
- Design and development activities of real time biomedical instrumentation system for medical applications

Course Content

- Introduction to embedded systems
- Program modeling concepts
- Interfacing techniques for system design
- Real time multitasking system:
- Applications: Computerized versions of ECG, EEG, EMG Acquisitions
- Embedded implementation of physiological parameters monitoring system
- Role of body sensor networks for biomedical applications
- Study of wireless modules for biomedical applications- Case studies in medical signal and image processing

Program Coordinator

Ms. Bethanne Janney J

Dr. Grace Kanmani. P



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DEPARTMENT OF BIOMEDICAL ENGINEERING

BATCH 2018-2022

STUDENTS NAME LIST

(3/2/20 - 8/2/20)

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



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

Program Co-ordinator

Ms. Bethanneey Janney J - *Beth*
Dr. Gracekanmani. P *P*

P. Sudhakar
HEAD OF DEPARTMENT
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CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Ms. ABHISHEK. S student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

Ms. BETHANNEY JANNEY J
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This is to certify that Mr. /Ms. AJAY. R student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

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CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Ms. AVIGNA SAI student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

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Dr. P. GRACE KANMANI
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This is to certify that Mr. /Ms. **HARISH. T. S** student of Biomedical Engineering has successfully completed the 30 hours Value added course on “**EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS**” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

Ms. BETHANNEY JANNEY J
PROGRAM CO-ORDINATOR

Dr. P. GRACE KANMANI
PROGRAM CO-ORDINATOR

DR. T. SUDHAKAR
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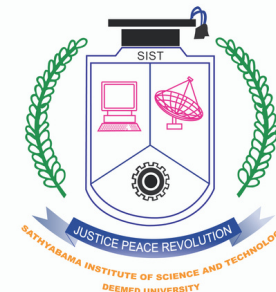
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This is to certify that Mr. /Ms. HEMAPRAKASH. V. K student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

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Dr. P. GRACE KANMANI
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This is to certify that Mr. /Ms. JINU JACOB. Y student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

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PROGRAM CO-ORDINATOR

Dr. P. GRACE KANMANI
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CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Ms. KANIMOZHI. K student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

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CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Ms. KAVITHA. E student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

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CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Ms. MERCY. S student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

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DR. T. SUDHAKAR
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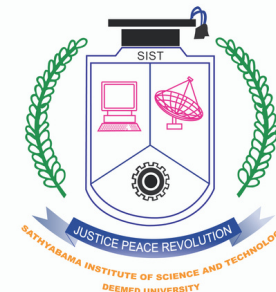
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This is to certify that Mr. /Ms. **NANDHA KUMAR. P** student of Biomedical Engineering has successfully completed the 30 hours Value added course on “**EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS**” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

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This is to certify that Mr. /Ms. NISITHA. S student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

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CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Ms. POOJASAKTHI. S student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

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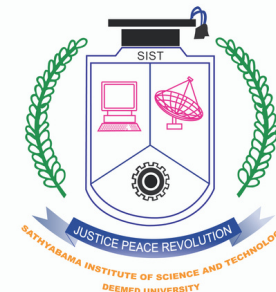
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This is to certify that Mr. /Ms. RAMACHANDRAN. K. S student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

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Dr. P. GRACE KANMANI
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CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Ms. **SANDRA ANN. R** student of Biomedical Engineering has successfully completed the 30 hours Value added course on “**EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS**” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

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CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Ms. SHAMRUTHI. T student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

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This is to certify that Mr. /Ms. **SINDESH. C. S** student of Biomedical Engineering has successfully completed the 30 hours Value added course on “**EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS**” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

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CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Ms. SNEGA. V student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

Ms. BETHANNEY JANNEY J
PROGRAM CO-ORDINATOR

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CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Ms. STEPHIN BRITTO. A student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

Ms. BETHANNEY JANNEY J
PROGRAM CO-ORDINATOR

Dr. P. GRACE KANMANI
PROGRAM CO-ORDINATOR

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CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Ms. VASUNDARA. J student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

Ms. BETHANNEY JANNEY J
PROGRAM CO-ORDINATOR

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This is to certify that Mr. /Ms. VUKKA LAKSHMIDHAR student of Biomedical Engineering has successfully completed the 30 hours Value added course on “EMBEDDED BIOMEDICAL INSTRUMENTATION SYSTEMS” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 03.02. 2020 to 08.02.2020.

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PROGRAM CO-ORDINATOR

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SCHOOL OF BIO AND CHEMICAL ENGINEERING DEPARTMENT OF BIOMEDICAL ENGINEERING OFFERS

A VALUE ADDED COURSE ON UNIVERSAL HUMAN VALUES Date: 16th - 21st March, 2020 Duration: 30 Hours

Course Outcomes

- **Students are expected to become more aware of themselves, and their surroundings (family, society, nature)**
- **Students would become more responsible in life, and in handling problems with sustainable solutions, while keeping human relationships and human nature in mind**
- **Students would have better critical ability. They would also become sensitive to their commitment towards what they have understood (human values, human relationship and human society)**
- **Students would be able to apply what they have learnt to their own self in different day-to-day settings in real life, at least a beginning would be made in this direction**

Course Content

- **Course Introduction - Need, Basic Guidelines for Value Education**
- **Content and Process for Value Education**
- **Understanding Harmony in the Human Being - Harmony in Myself**
- **Understanding Harmony in the Family and Society**
- **Understanding Harmony in Human Relationship**
- **Understanding Harmony in the Nature and Existence - Whole existence as Coexistence**

Program Coordinator

Dr. J. Premkumar

Dr. S. Krishnakumar

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DEPARTMENT OF BIOMEDICAL ENGINEERING

BATCH 2019-2023

(16/3/20 - 21/3/20)

STUDENTS NAME LIST

S. No	Reg.No	Name of the Student	16/3	17/3	18/3	19/3	20/3	21/3
1	39240001	Aakesh. U	P	P	P	P	P	P
2	39240002	Aishvariya Shivani. S	P	P	a	P	P	P
3	39240003	Aishwarya J	P	P	P	P	P	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	P	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	P	P	P	P	P
10	39240010	Bhavani Sri. S	P	P	P	P	P	P
11	39240011	Catherine Melita Pradhiksha P	P	P	P	P	P	a
12	39240012	Chelsea Hannah. A	P	P	P	P	P	P
13	39240013	Darren Akash. J	P	P	P	P	P	P
14	39240014	Dharanivasan. V	P	P	P	P	P	P
15	39240015	Dilip E K	a	P	P	P	P	a
16	39240016	Divya R	P	P	P	P	P	P
17	39240017	Geethanjali G	P	a	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	Krishna. H	P	P	P	P	P	P
23	39240023	Lochana. P	P	P	P	P	P	P
24	39240024	Mahalakshmi. V	P	P	P	P	P	P
25	39240025	Meena Manjuri. J	P	P	P	a	P	P
26	39240026	Monica.S	P	P	P	P	P	P
27	39240027	Nisha.S	P	P	P	P	P	P
28	39240028	Periyamayagam Rozario.B	P	a	P	P	a	P
29	39240029	Poojasri S	P	P	P	P	P	P
30	39240030	Prerana. S	P	P	P	P	P	P
31	39240031	Renitta D	P	P	P	P	P	P
32	39240032	Riddhita Thakur	P	P	a	P	P	P
33	39240033	Sabari K	P	P	a	P	a	P
34	39240034	Sabitha S	P	P	P	a	P	P
35	39240035	Santhip Shanmugam A	a	P	P	P	P	P
36	39240036	Sheeba Sri. B	P	P	a	P	P	P
37	39240037	Sheryl Robinson	P	P	P	P	P	P
38	39240038	Steffy Reena. N	P	a	P	P	P	P
39	39240039	Tamil Maran K	a	P	P	P	a	a
40	39240040	Tamizhlarasi	P	P	P	P	P	P
41	39240041	Yaswant Rajasekaran	P	P	P	P	P	P

Program Coordinator
Dr J. Permkumar
Dr S. Krishna Kumar

HEAD OF DEPARTMENT
DEPARTMENT OF BIOMEDICAL ENGINEERING
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21/3/2020



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CERTIFICATE OF PARTICIPATION

This is to certify that Mr. AAKESH. U student of Biomedical Engineering has successfully completed the 30 hours Value added course on “UNIVERSAL HUMAN VALUES” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 16.03.2020 to 21.03.2020.

Dr. Krishnakumar
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BIOMEDICAL

Dr. J. Premkumar
PROGRAM CO-ORDINATOR
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This is to certify that Mr./Ms. AISHVARIYA SHIVANIS student of Biomedical Engineering has successfully completed the 30 hours Value added course on “UNIVERSAL HUMAN VALUES” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 16.03.2020 to 21.03.2020.

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This is to certify that Mr./Ms. BHAVANI SRI. S student of Biomedical Engineering has successfully completed the 30 hours Value added course on “UNIVERSAL HUMAN VALUES” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 16.03.2020 to 21.03.2020.

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This is to certify that Mr./Ms. **CHELSEA HANNAH** student of Biomedical Engineering has successfully completed the 30 hours Value added course on “**UNIVERSAL HUMAN VALUES**” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 16.03.2020 to 21.03.2020.

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CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. DHARANIVASAN. V student of Biomedical Engineering has successfully completed the 30 hours Value added course on “UNIVERSAL HUMAN VALUES” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 16.03.2020 to 21.03.2020.

Dr. Krishnakumar
PROGRAM CO-ORDINATOR
BIOMEDICAL

Dr. J. Premkumar
PROGRAM CO-ORDINATOR
BIOMEDICAL

Dr. T. Sudhakar
HOD-BIOMEDICAL



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CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. GEETHANJALI G student of Biomedical Engineering has successfully completed the 30 hours Value added course on “UNIVERSAL HUMAN VALUES” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 16.03.2020 to 21.03.2020.

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Dr. J. Premkumar
PROGRAM CO-ORDINATOR
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This is to certify that Mr./Ms. HEPZIBAH SUSAN. M student of Biomedical Engineering has successfully completed the 30 hours Value added course on “UNIVERSAL HUMAN VALUES” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 16.03.2020 to 21.03.2020.

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CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. KISHORE. R student of Biomedical Engineering has successfully completed the 30 hours Value added course on “UNIVERSAL HUMAN VALUES” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 16.03.2020 to 21.03.2020.

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This is to certify that Mr./Ms. LOCHANA. P student of Biomedical Engineering has successfully completed the 30 hours Value added course on “UNIVERSAL HUMAN VALUES” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 16.03.2020 to 21.03.2020.

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This is to certify that Mr./Ms. MAHALAKSHMI. V student of Biomedical Engineering has successfully completed the 30 hours Value added course on “UNIVERSAL HUMAN VALUES” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 16.03.2020 to 21.03.2020.

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This is to certify that Mr./Ms. YASWANT RAJASEKARAN student of Biomedical Engineering has successfully completed the 30 hours Value added course on “UNIVERSAL HUMAN VALUES” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 16.03.2020 to 21.03.2020.

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This is to certify that Mr./Ms. STEFFY REENA. N student of Biomedical Engineering has successfully completed the 30 hours Value added course on “UNIVERSAL HUMAN VALUES” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 16.03.2020 to 21.03.2020.

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This is to certify that Mr./Ms. **SHERYL ROBINSON** student of Biomedical Engineering has successfully completed the 30 hours Value added course on “**UNIVERSAL HUMAN VALUES**” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 16.03.2020 to 21.03.2020.

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This is to certify that Mr./Ms. PERIYANAYAGAM ROZARIO. B student of Biomedical Engineering has successfully completed the 30 hours Value added course on “UNIVERSAL HUMAN VALUES” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 16.03.2020 to 21.03.2020.

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CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. RIDDHITA THAKUR student of Biomedical Engineering has successfully completed the 30 hours Value added course on “UNIVERSAL HUMAN VALUES” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 16.03.2020 to 21.03.2020.

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2019-2020

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
Student Development Program on C and C++		2019	1	65 Hrs	360	355
Embedded System Design using AVR Microcontroller		2019	1	35 Hrs	303	300
Applications of MATLAB in Image Processing and Communication		2019	1	35 Hrs	303	298
AI & Machine Learning for IoT		2019	1	35 Hrs	247	244
Microwave Antenna Design for Wearable Devices		2019	1	45 Hrs	360	355

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Student Development Program on C and C++ Syllabus

Duration: 65 Hours

COURSE CO-ORDINATOR(S): Dr. S. Barani & Dr. S. Poornapushpakala

Pre-Requisite: Nil

Program on C

Sl. No	Topic	No. of Hours
1	Introduction. Writing, compiling, and debugging C programs. Hello world	1 Hour
2	Variables and datatypes, operators.	1 Hour
3	Control flow. Functions and modular programming. Variable scope. Static and global variables.	1 Hour
4	More control flow. Input and output.	1 Hour
5	Pointers and memory addressing. Arrays and pointer arithmetic. Strings. Searching and sorting algorithms.	1 Hour
6	User-defined datatypes, structs, unions, bitfields. Memory allocation. Linked lists, binary trees.	1 Hour
7	Pointers to pointers, pointer and string arrays, multidimensional arrays. Stacks and queues.	1 Hour
8	Void and function pointers. Hash tables.	1 Hour
9	External libraries. B-trees, priority queues.	1 Hour
10	C standard library: stdio.h, ctype.h, stdlib.h, assert.h, stdarg.h, time.h	1 Hour
11	Dynamic memory allocation, malloc and valgrind, garbage collection.	1 Hour
12	Multithreading and concurrency.	1 Hour
13	Multithreaded programming. Sockets and asynchronous I/O.	1 Hour
14	Data Structures	1 Hour
15	Managing Memory in C	1 Hour

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Program on C++

1.0	Principles of Object Oriented Programming, Beginning with C++	10 Hr
1.1	Basic concepts of procedure-oriented and object oriented programming	1
1.2	Benefits and Applications of OOP	1
1.3	Structure of C++ program with simple C++ program	1
1.4	C++ data types, Symbolic constants and Reference by variables	1
1.5	Operators in C++ and Operator precedence	1
1.6	Control structures	1
1.7	Function in C++ , the main function, Function prototyping	1
1.8	Call by reference & Return by reference	1
1.9	Inline function & Default arguments	1
1.10	Function overloading	1
2.0	Classes and Objects	10

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2.1	Specifying a class- Defining member functions	1
2.2	Private member functions & Nesting of member functions	1
2.3	Arrays within a class	1
2.4	Memory allocation for objects	1
2.5	Static data members & Static member functions	2
2.6	Arrays of objects	1
2.7	Objects as function arguments	1
2.8	Friendly functions	1
2.9	Returning Objects	1
3.0	Constructors and Destructors, Overloading	12
3.1	Constructors	1
3.2	Default constructor, Parameterized constructor & Copy constructor	2
3.3	Multiple constructors, Constructors with default arguments & Dynamic constructor	1

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3.4	Destructors	1
3.5	Operator overloading, Unary and Binary operator overloading	1
3.6	Overloading using friends	2
3.7	Rules for overloading	2
3.8	Type conversion	2
4.0	Inheritance	6
4.1	Inheritance	1
4.2	Defining derived classes & Visibility modes	1
4.3	Single, Multilevel, Multiple, Hierarchical and Hybrid inheritance	1
4.4	Virtual base classes & Abstract classes-	1
4.5	Constructors in derived classes	1
4.6	Nesting of classes	1
5.0	Pointers, Virtual Functions and Polymorphism, Working with Files	12

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5.1	Pointers	1
5.2	Pointers to objects & this pointer	1
5.3	Pointers to derived classes	1
5.4	Virtual functions & Pure virtual functions	1
5.5	File Stream classes	1
5.6	Opening and closing a file- File opening modes	1
5.7	File pointers and their manipulations	1
5.8	Sequential input and output operations	1

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Date: 01.06.2019

CIRCULAR

This is to inform that Center for Advanced Electronic Testing, Department of Electronics and Communication Engineering is conducting a certificate course on "Student Development Program on C and C++". Course duration is 65 Hours and classes will be started from 10th June 2019.

Interested students can register their names to Dr. S. Barani, Department of ECE, on or before 07.06.2019.

DEAN (STUDENT AFFAIRS)

Copy to:

Dean and HoDs of ECE,EEE, E&I, ETCE and E&C

ECE/ETCE/EEE/E&I/E&C Class Rooms

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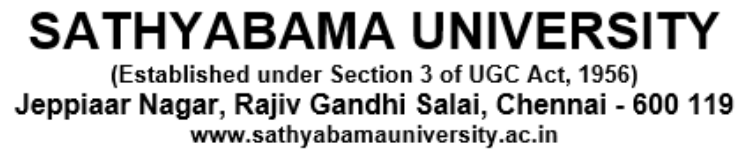


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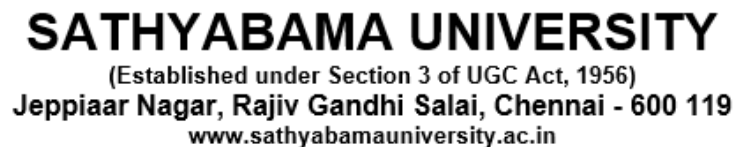


Roll No.	Name of the Student	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	31	32	33	34	35	36	38	39	40	41	42	43	45	46	47	48	49
17S EC5 01	AAKASH M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17S EC1 15	AARON JOHN K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17S EC5 02	AASHIK V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17S EC0 01	ADABALA HARI VAMSI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17S EC9 05	DHARSHINI A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17S EC0 02	ADIGOPULA BALAJI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17S EC0 03	ADIGOPULA MAHESH BABU	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17S EC0 04	ADIVISHNU LOKESHWARA RAO	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17S EC0 05	ADUSUMALLI NISHANTH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17S EC5 03	AJAY N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

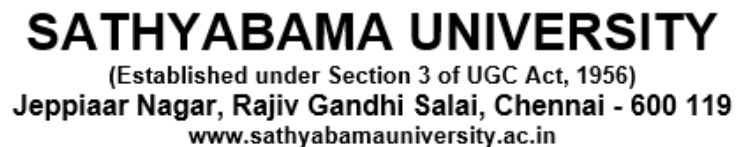
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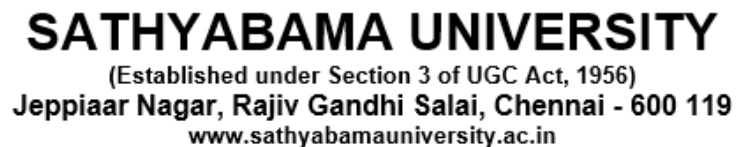
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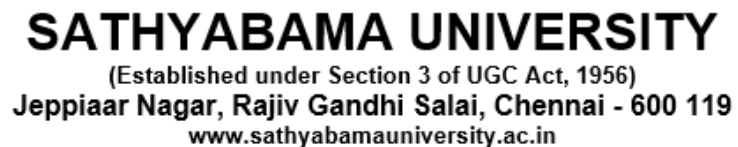
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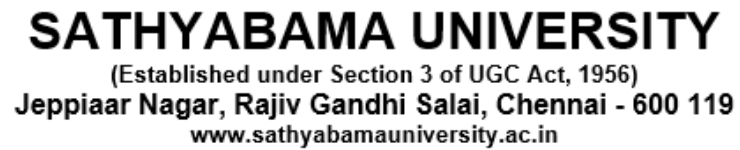
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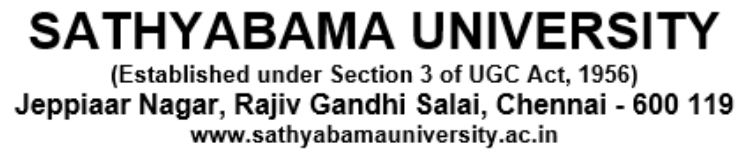
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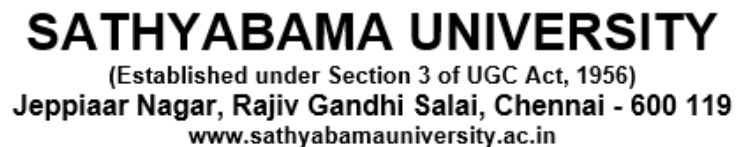
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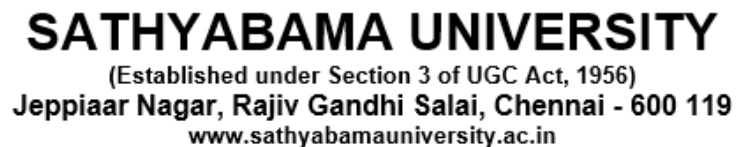
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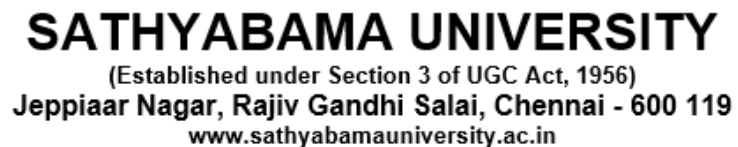
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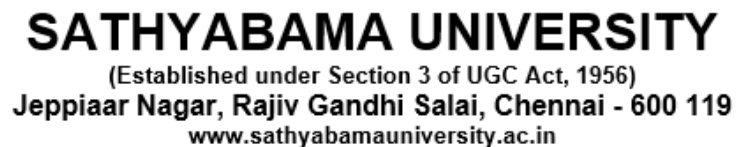
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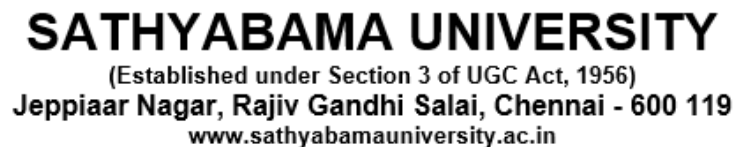
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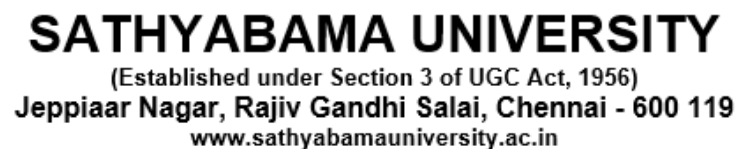
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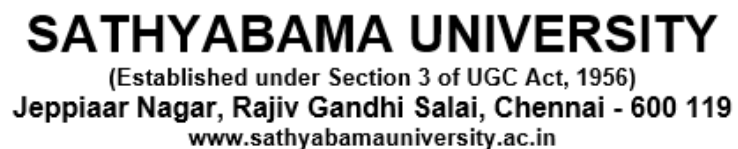
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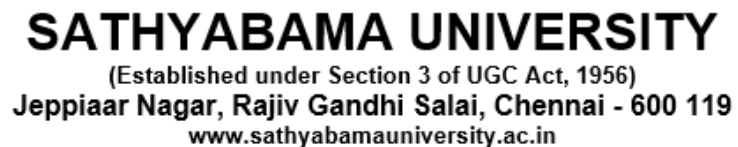
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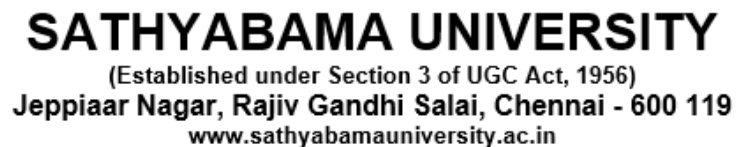
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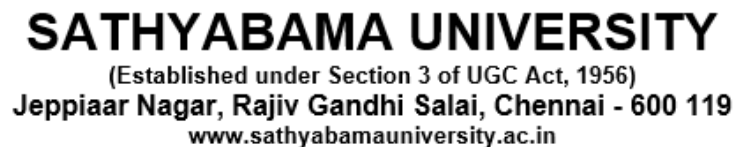
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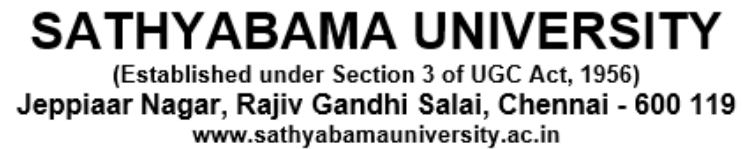
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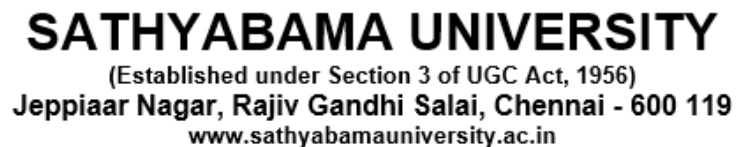
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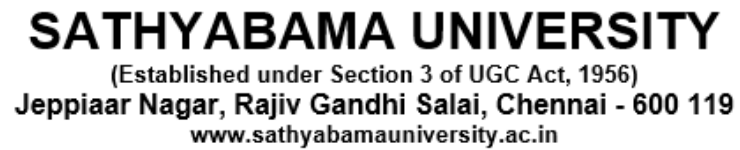
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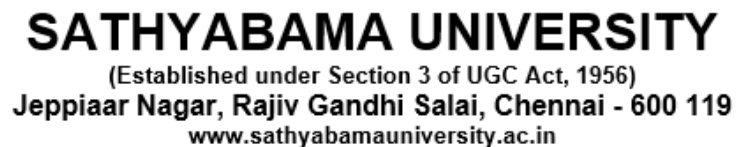
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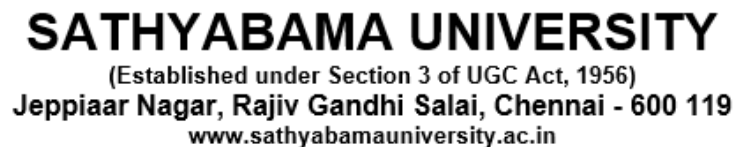
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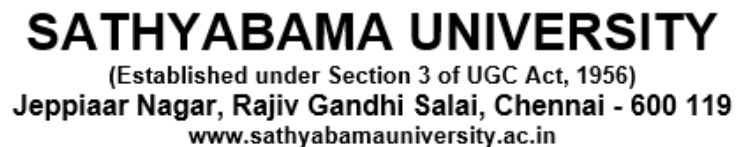
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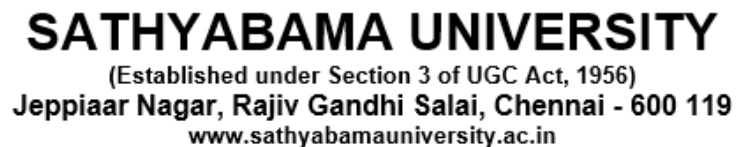
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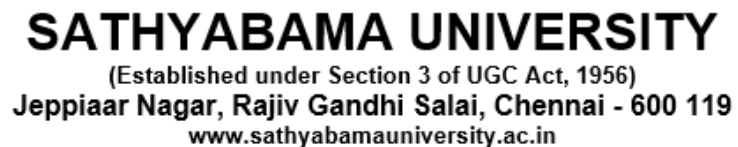
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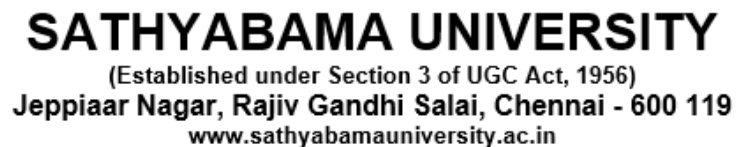
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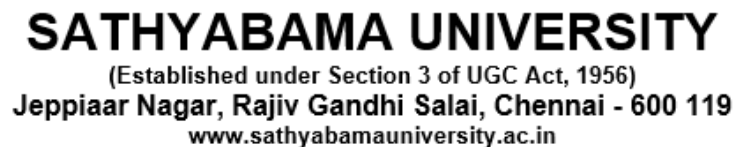
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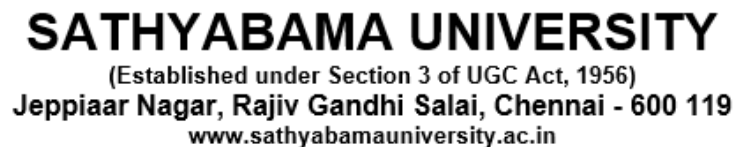
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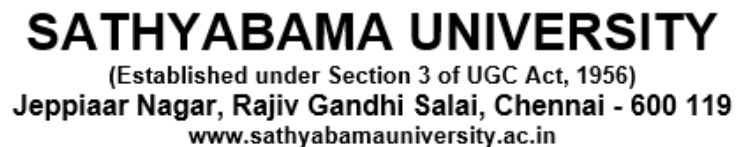
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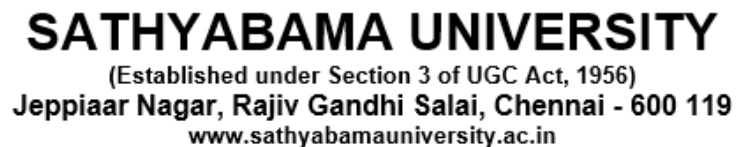
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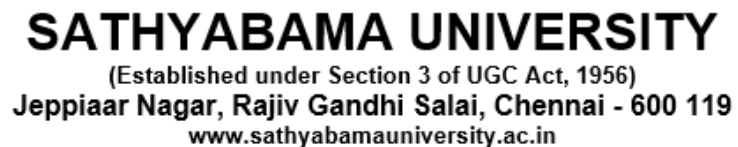
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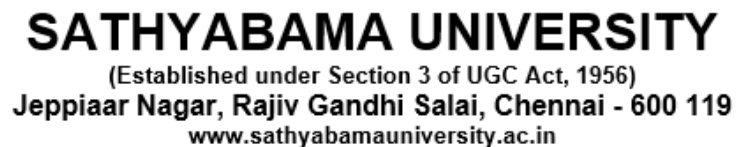
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Course - Coordinator
Dr.S.Barani
Dept. of /ECE

Coordinator
Dr. T. Ravi
HOD/ECE

Coordinator
Dr. N. M. Nandhitha
Dean/School of EE



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Applications of MATLAB in Image Processing and Communication

Duration: 35 Hours

COURSE CO-ORDINATOR(S): Dr. N. M. Nandhitha & Dr. P. Chitra

Pre-Requisite: Nil

Course Contents

S. No.	Topic	No. of Hours
1	Introduction	1
2	Data analysis in MATLAB	2
3	Signal Analysis in Matlab	2
4	Image Analysis in Matlab	1
5	Image Representation	1
6	Image Resampling	1
7	Image Intensity & Color Distributions	1
8	Image Filtering	3
9	Image Segmentation	2
10	Cropping	2
11	Color Images	1
12	Motion	1
13	Convex Hull	1
14	Dilation and Erosion	1
15	Statistics and machine learning(ML)	3
16	Curve fitting	1
17	Control systems	1
18	Image processing	2
19	Text analysis	1
20	Final Project discussion	2

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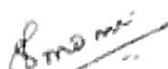
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25.07.2019

STUDENT CIRCULAR

This is to inform that Dept. of Electronics and Communication Engineering is conducting a short term certificate course on "Applications of MATLAB in Image Processing and Communication". Classes will be conducted from August 1st onwards.

The interested students can register their names to Dr. P. Chitra, Associate Professor, Dept. of Electronics and Communication Engineering on or before 31.07.2019.


DEAN (STUDENT AFFAIRS)

Copy to:

1. Deans & Heads (School of Computing & EEE)
2. All III, II year Classrooms

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Sl. No.	Roll Number	Name	1	2	3	5	6	7	8	9	10	12	13	14	16	17	18
1	15SEC003	AARIKATLA SUDHAKAR REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	15SEC004	ABINAYA .A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	15SEC006	ACHANTA UDAY BHASKAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	15SEC008	ADAPA VENKATA RAYUDU	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	15SEC009	ADLURU SONY LAHARI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	15SEC502	AJAY JOE .B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	15SEC010	AKANKSHA CHATRA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	15SEC951	AKILANDESWARI.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	15SEC011	ALLURI VAMSI KRISHNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	15SEC398	ALURU UDAY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	15SEC270	ALUVALA NAVEEN KRISHNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	15SEC012	AMAN TIBREWAL	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	15SEC013	AMBATI VINEETH KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	15SEC014	AMRITHA VIJAY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15	15SEC555	ANGA TONY JASON	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16	15SEC017	ANISHA .D .L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	15SEC802	ANJALI .R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	15SEC018	ANMOL NANDA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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20	15SEC506	ANUMALA VAMSI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	15SEC002	APPANA RATNA SRIKAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	15SEC507	ARAVIND.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	15SEC803	ASHWINI .A .S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	15SEC020	ASODI SIVA GANESH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	15SEC021	ATLA BENJIMAN	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26	15SEC022	AUGUSTINRAJ .L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	15SEC445	AVISA SAI MOUNIKA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28	15SEC023	AYESHA KULSUM .S. J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29	15SEC026	BAISANI DWARAKANATH REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30	15SEC028	BANDI CHAITHANYA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31	15SEC029	BANKA YAMINI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
32	15SEC031	BAVIRISETTY RAGA PRANEETHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33	15SEC033	BEEDUPALLI MOHAMMED SALMAAN	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
34	15SEC034	BELLALA NAVEENA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35	15SEC035	BELLAM GIRI PRASAD	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36	15SEC510	BENDI RAKESH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
37	15SEC535	BEZAWADA KOUSHIK	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
38	15SEC441	BHAKTHULA PRANAY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
39	15SEC952	BHARATHI PRIYA. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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41	15SEC953	BHUVANESWARI .E	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
42	15SEC038	BODDU SAI PRAVEEN	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
43	15SEC040	BOKKISAM LOKESH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
44	15SEC041	BOLLAPU TARUN REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
45	15SEC042	BONE CHAKRADHAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
46	15SEC043	BOYAPALLI NARASIMHA REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
47	15SEC044	BOYAPATI HARI KRISHNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
48	15SEC805	BUELA MIGA.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
49	15SEC045	BURUGUGADDA BHAVANI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
50	15SEC046	BUSIREDDY BHARATH KUMAR REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
51	15SEC268	CHALLA NARENDRA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
52	15SEC051	CHANDRAPATI BHANU MANOJ	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
53	15SEC335	CHARUMATHI.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
54	15SEC052	CHAVVA RAHUL REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
55	15SEC053	CHEKURI VIKASHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
56	15SEC300	CHELLA PAVAN KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
57	15SEC054	CHELLUBOINA SAI TEJA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
58	15SEC057	CHINTHAPARTHI UMA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
59	15SEC058	CHIRANJEEVI .K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
60	15SEC048	CHIRUNOMULA TEJA GANESH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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61	15SEC061	CHITTURI KARTHIK MAHESH VARDHAN	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
62	15SEC062	CHITTURI NAGA SATISH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
63	15SEC376	CHOPPERLA SURYA MANIKANTA BANGAR RAJU	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
64	15SEC064	CHOPPERLA YASWANTH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
65	15SEC225	DACHEPALLI MANI MANJULA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
66	15SEC068	DAMERLA SAIBALAJI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
67	15SEC070	DANDU SREE SAI RAGHAVA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
68	15SEC072	DARA JAYANTH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
69	15SEC073	DASARI SAI POOJITH REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
70	15SEC074	DASARI VINUTHNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
71	15SEC075	DAVILI HARSHA VARDHAN	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
72	15SEC077	DEEKSHITKUMAR JAIN	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
73	15SEC954	DEEPIKA .S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
74	15SEC078	DERANGULA YASASWINI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
75	15SEC079	DESU TIRUMALA NAGA GURUTEJA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
76	15SEC080	DEVANGAM KOTHA JAYASINDHU	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
77	15SEC516	DINESH DASARI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
78	15SEC086	DIVYA.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
79	15SEC087	DODDAM REDDY SAI BHARGAV REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
80	15SEC090	DONDAPATI MADHURI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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81	15SEC066	DONTHU NAVEEN KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
82	15SEC065	DUPAKUNTLA MANIKANTA GUPTA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
83	15SEC093	EDARA SAI SUBASH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
84	15SEC094	ELLURI DEEPESH REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
85	15SEC095	ELUGOTI GANGA NIKHIL	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
86	15SEC096	EMMADISSETTY LAKSHMI ROSHINI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
87	15SEC097	EPURI SAI KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
88	15SEC955	ESAKKI.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
89	15SEC103	GADDAM VENKATA SASI KUMAR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
90	15SEC104	GADDAMADUGU VAMSI KRISHNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
91	15SEC106	GADI VINEETH KUMAR REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
92	15SEC107	GADIRAJU ANILKUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
93	15SEC108	GAJULA VAMSI KRISHNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
94	15SEC109	GALANKI MARIA SWARNA ALEXANDER	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
95	15SEC102	GALI MOTHICHAND	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
96	15SEC123	GANESH.G.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
97	15SEC111	GANGASARAM RAJU	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
98	15SEC112	GANNAMANI VENKATESH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
99	15SEC113	GARIKAPATI SAI BHARGAVI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
100	15SEC114	GARLAPATI VANDANA REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
101	15SEC115	GOGU SAI RAM	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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102	15SEC120	GONUGUNTA SURYA TEJA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
103	15SEC121	GOPIREDDY VENKATESWARA REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
104	15SEC122	GORUSU HARSHITHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
105	15SEC806	GRACY VASANTHARAJAM M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
106	15SEC124	GUDI RAKESH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
107	15SEC125	GUDLA VINAY KRISHNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
108	15SEC127	GUMMARAJU SREEHARSHINI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
109	15SEC128	GUNDUBOYINA HARSHA VARDHAN	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
110	15SEC130	GURRAM NAVEEN	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
111	15SEC956	HARIHARAN S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
112	15SEC563	INFANT KIRAN KISHORE C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
113	15SEC136	INTI CHITTI CHAITANYA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
114	15SEC137	JAGADISHCHANDRAPRASAD PALACHARLA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
115	15SEC139	JALLURI SRI VENKATA SURYA PRUDHVI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
116	15SEC142	JANANI.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
117	15SEC957	JANANI.N	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
118	15SEC143	JATLA ADITYA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
119	15SEC144	JAVVAJI GURU CHARAN GUPTHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
120	15SEC958	JAYAKIRUBHA.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
121	15SEC145	JAYAM SANGEETHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
122	15SEC146	JOB SATYANADHAN JOEL WILSON	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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123	15SEC817	K P SRUTHI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
124	15SEC152	KAKANI ASHOK KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
125	15SEC153	KAKANI DHANALAKSHMI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
126	15SEC154	KAKKERA VENKATA SIVA PRASAD	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
127	15SEC158	KALUGOTLA NAGA HARIKA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
128	15SEC150	KAMANA RUSHIKIRAN REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
129	15SEC160	KAMBAIAHGARI NIREESHA REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
130	15SEC161	KAMBHAM HARSHITHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
131	15SEC162	KAMMA SAI KRISHNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
132	15SEC163	KANALA SUNIL KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
133	15SEC529	KANCHANA KHUSHWANTH SATYA SAI VINEEL	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
134	15SEC164	KANCHARLA SRI LAKSHMI SIRISHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
135	15SEC822	KANCHETI ALEKHYA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
136	15SEC165	KANCHIBOTLA SAISRIKAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
137	15SEC167	KANDUKURI SAI AKHIL	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
138	15SEC168	KANIMOZHI .M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
139	15SEC169	KANTIPUDI SUBASH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
140	15SEC170	KAPARTHI ESWAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
141	15SEC172	KATAKAM VANAMA REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
142	15SEC173	KATHE ASHOK KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
143	15SEC174	KATTAMUDI HARSHINI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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144	15SEC175	KATTULA GOUTHAM MAHANISH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
145	15SEC177	KAUSHIK.D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
146	15SEC149	KESINENI VENKATA SAI KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
147	15SEC180	KOLLA VENKATA JAGAPATHI BABU	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
148	15SEC181	KOLLI SUPRAJA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
149	15SEC182	KOLLIPALLI HARSHA TEJA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
150	15SEC449	KOMMA REDDY MANVITHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
151	15SEC184	KONDA SURYA CHANDRA REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
152	15SEC186	KORUKONDA HARSHITH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
153	15SEC187	KOTA RAMYA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
154	15SEC188	KOTA YAMINI SAI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
155	15SEC084	KOTHA DHATHRI PUJITHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
156	15SEC192	KOTTAPALLI RAVI TEJA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
157	15SEC197	KUCHIPUDI SRINIVAS	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
158	15SEC200	LANKA NAG PRUDHVI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
159	15SEC203	LOKESHWARI . V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
160	15SEC210	M ROHIT REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
161	15SEC215	MADDIPATI SANDHYA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
162	15SEC204	MADDULA AKHIL	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
163	15SEC959	MAHESWARI.C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
164	15SEC218	MAKKENA PRUDHVI CHOWDARY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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165	15SEC219	MALADI SUSHMAJA CHOWDARY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
166	15SEC220	MALLIPEDHI SUMANTH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
167	15SEC279	MALLU NIKHIL KUMAR REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
168	15SEC222	MAMGUNTA SAI HARSHIKA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
169	15SEC211	MAMILLA VENKATA SUDHEER REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
170	15SEC224	MANCHALA VENKATA HEMANTH REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
171	15SEC226	MANISH MAHESWARAN	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
172	15SEC228	MANOJ KUMAR G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
173	15SEC233	MATTA VINOD KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
174	15SEC208	MAYALURI SURENDRA REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
175	15SEC234	MEDA LAKSHMI LAHARI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
176	15SEC236	MEDEPALLI SATYA SAI AVINASH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
177	15SEC237	MEDISETTI SAI SATYA LIKHITH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
178	15SEC238	MEESARAGANDA NAGA MEENAKSHI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
179	15SEC217	MEKA MAHITHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
180	15SEC241	MINCHALA KRISHNA YADAV	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
181	15SEC243	MOGILLAPALLI RAVI TEJA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
182	15SEC244	MOHAMMAD AMEEM ZAMA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
183	15SEC248	MULINTI NAGAPAVAN KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
184	15SEC251	MUTHAMREDDY PRASANNAKUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
185	15SEC258	NAGUBANDI SAI CHARITH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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186	15SEC446	NANNUR NAGA VYSHNAVI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
187	15SEC272	NEELAM SAI VINEETH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
188	15SEC252	NEELAM SARATHCHANDRANETAJIDORA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
189	15SEC273	NEELI AMEER SOHAIL	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
190	15SEC274	NEELISETTY J V S SRIKANTH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
191	15SEC275	NEELISETTY SAI SUKESH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
192	15SEC807	NELLORE REDDY HIMA BINDU	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
193	15SEC277	NETTEM GANESH BABU	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
194	15SEC280	NIMMAGADDA GIRIJA RANI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
195	15SEC281	NITHYA THANGARAJA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
196	15SEC282	NITHYASHREE.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
197	15SEC283	NOMULA SAI PURNA KARTHIK	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
198	15SEC290	PADAM DURGA BABU	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
199	15SEC359	PAGADALA SINDHU	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
200	15SEC292	PALAMARI SAI PRIYA REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
201	15SEC293	PALAVADHI PRASANNA LAKSHMI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
202	15SEC346	PALLEPAMU SAMUEL FRANCIS	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
203	15SEC294	PAMIREDDYGARI LALITHA REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
204	15SEC297	PARAMATHMUNI VENKATA SAI MANOGNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
205	15SEC298	PASAPULA NAGA SAI RAHUL	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
206	15SEC302	PENAGALURU HARIKRISHNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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207	15SEC541	PENDEKANTI NAGENDRA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
208	15SEC304	PERAVALI VIJAYA KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
209	15SEC305	PERUSOMULA MANIDEEP REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
210	15SEC171	POBBATHI KARTHIK	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
211	15SEC306	POCHA SURYANARAYANA REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
212	15SEC307	PODDUTURI PRUDHVI PAVAN	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
213	15SEC308	POGAKU DIVYA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
214	15SEC311	PONUGOTI SAI KRISHNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
215	15SEC542	POTHARAJU ARJUN SAI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
216	15SEC312	POTHIREDDY PRAVALLIKA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
217	15SEC313	POTHU SATHISH REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
218	15SEC314	PRANEETHA VEGIRAJU	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
219	15SEC315	PRODDUTURU KISHORE REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
220	15SEC316	PULLETIKURTHI SATYA SAI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
221	15SEC543	PULLURI NAGENDRA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
222	15SEC317	PUTTA SRI SAI HARSHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
223	15SEC318	PUVVADA SIVA NAGA SRI RAM GUPTA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
224	15SEC319	PYDELA YASWANTH REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
225	15SEC322	RACHAPALLI SWAPNAPRIYA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
226	15SEC323	RAGIPINDI GANGA PRADEEPTHI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
227	15SEC336	RAHUL.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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228	15SEC324	RAJA NAGAMITHILESH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
229	15SEC325	RAJA SAI SAKETH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
230	15SEC278	RAMIREDDY NIHARIKA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
231	15SEC962	RANJITHA. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
232	15SEC328	RAPROLU RAJA SEKHAR REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
233	15SEC148	RATNA KUMAR KRISHNA VAMSI .K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
234	15SEC329	RAYAPATI SHIVAJI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
235	15SEC320	RAYAPATI SRIKANTH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
236	15SEC330	REDDIPALLI SURYAPRAKASH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
237	15SEC332	REDDY VARI HIMANI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
238	15SEC333	RENU. R. G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
239	15SEC334	ROHIT PAUL.G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
240	15SEC341	S SAI PREETHI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
241	15SEC963	SABAREESWARI. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
242	15SEC099	SAI KRISHNA SREE.G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
243	15SEC344	SAMINENI SAI KRISHNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
244	15SEC345	SAMMANGI GOWTHAM	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
245	15SEC347	SANDEEP BEHERA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
246	15SEC348	SANGHAMREDDY PRITHVI KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
247	15SEC352	SARATHANI BABAJI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
248	15SEC353	SAYINENI SIVA KRISHNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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249	15SEC454	SHARMILA .A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
250	15SEC358	SIKHAKOLLI SHANKAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
251	15SEC361	SINGIRESU TEJA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
252	15SEC365	SREERAM SAI CHARAN	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
253	15SEC368	SUDDAKANTI PRUDHVI RAJ	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
254	15SEC453	SUJITH KUMAR REDDY.G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
255	15SEC370	SULAGA KRISHNA SAI RAHUL	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
256	15SEC966	SUMITHRA E R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
257	15SEC371	SUNKARA DURGA MANI KRISHNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
258	15SEC373	SURABHI ASHOK	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
259	15SEC374	SURAPANENI NITHIN SAI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
260	15SEC375	SURISSETTY KRISHNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
261	15SEC286	SURIYA VIGNESH.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
262	15SEC551	SWAMINATHAN HARIHARAN	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
263	15SEC377	SYED IMAM	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
264	15SEC379	T VIJAYENDRA GOWTHAM REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
265	15SEC382	TAMMINEDI SAI SURYA PRAKASH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
266	15SEC383	TANGUDU ASISH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
267	15SEC384	TENKA UMA SANKAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
268	15SEC385	THALAMUDUPULA ASHOK KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
269	15SEC443	THALLAM PAVAN KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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270	15SEC380	THALLURU DILEEP KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
271	15SEC553	THANGAVEL. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
272	15SEC386	THATIKONDA VISHNU PRIYA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
273	15SEC387	THERA CHAKRADHAR REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
274	15SEC388	THIPPA REDDY SANDEEP REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
275	15SEC378	TUMULA MANI KOTA RAJASEKHAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
276	15SEC337	UDAY KIRAN.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
277	15SEC404	VADLAVALI JAYA SHANKAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
278	15SEC407	VARSHA PAREKH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
279	15SEC411	VAYUGUNDLA GOWTHAM	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
280	15SEC967	VELAMMAL .G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
281	15SEC342	VELLAMPALLI SAI ADITYA KASYAP	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
282	15SEC566	VEMPALLI SAI KIRAN KUMAR REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
283	15SEC416	VEMPATI SUBRAMANYA RAKESH BRAHMAM	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
284	15SEC417	VEMULA GOPI KRISHNA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
285	15SEC418	VEMULA PRIYANKA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
286	15SEC426	VENKATA LAKSHMI SRIVATSAVA Y	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
287	15SEC255	VENKATESH.N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
288	15SEC558	VIMAL KUMAR S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
289	15SEC424	VOOTUKURI SUSHMITHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
290	15SEC823	VUTLA SWATHI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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291	15SEC425	Y REVANTH SAI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
292	15SEC427	YACHAMANENI MAHESH CHANDRA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
293	15SEC428	YADAM MAHITHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
294	15SEC429	YADAMAKANTI VARUN SAI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
295	15SEC431	YAMINI MONICA. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
296	15SEC435	YEDDULA SAMARNATH REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
297	15SEC436	YENIMIREDDY VENKATA DURGA PRASAD	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
298	15SEC434	YERASU PRAVEEN KUMAR REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
299	15SEC437	YERNENI VAHINI CHOWDARY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
300	15SEC438	YERUVA MANISH REDDY	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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This is to certify that **Mr./Ms.** ABINAYA .A has successfully completed the Value added course **“Applications of MATLAB in Image Processing and Communication”** held from on 1st August to 18th August 2019 organized by the Department of Electronics and Communication Engineering, Sathyabama Institute of Science and Technology, Chennai.

Course - Coordinator
Dr. N.M.Nandhitha
Dept. of /ECE

Coordinator
Dr. T. Ravi
HOD/ECE

Coordinator
Dr. N. M. Nandhitha
Dean/School of EE



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This is to certify that **Mr./Ms. BHUVANESWARI .E** has successfully completed the Value added course **“Applications of MATLAB in Image Processing and Communication”** held from on 1st August to 18th August 2019 organized by the Department of Electronics and Communication Engineering, Sathyabama Institute of Science and Technology, Chennai.

Course - Coordinator
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Dept. of /ECE

Coordinator
Dr. T. Ravi
HOD/ECE

Coordinator
Dr. N. M. Nandhitha
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This is to certify that **Mr./Ms. CHEKURI VIKASHA** has successfully completed the Value added course **“Applications of MATLAB in Image Processing and Communication”** held from on 1st August to 18th August 2019 organized by the Department of Electronics and Communication Engineering, Sathyabama Institute of Science and Technology, Chennai.

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Dr. T. Ravi
HOD/ECE

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Course - Coordinator
Dr. N.M.Nandhitha
Dept. of /ECE

Coordinator
Dr. T. Ravi
HOD/ECE

Coordinator
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AI & Machine Learning for IoT

Duration: 35 Hours

COURSE CO-ORDINATOR(S): Mr. Immanuel Rajkumar & Dr. R. Narmadha

Pre-Requisite: Python Programming

Course Contents

S. No.	Topic	No. of Hours
1	Understanding the - Tools & Platforms for organisations to deploy AI & ML solutions	1
2	Importance of Data - location, storing, manipulation, and attribution	1
3	Statistical Foundations	1
4	Python for AI & ML	4
5	Data: Visualisation Techniques (Python, Excel)	1
Machine Learning - I		
6	Linear Regression	1
7	Linear Regression Assignment	1
8	Logistic Regression	1
9	Model Selection	1
Machine Learning - II		
10	Advanced Regression	2
11	Advanced Regression Assignment	2
12	Support Vector Machine (Optional)	2
13	Tree Models	2
14	Model Selection - Practical Considerations	2
15	Boosting	2
16	Unsupervised learning: Clustering	1
17	Unsupervised Learning: Principal Component Analysis	1
18	Introduction to IoT. • Understanding IoT fundamentals	2
19	Overview of Sensors working	2
20	Basic Networking with ESP8266 WiFi module	1
21	Basics of Wireless Networking	2
22	IoT Protocols	2

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Ref: ECE/CC/2019-20-07

17.12.2019

STUDENT CIRCULAR

This is to inform that Dept. of Electronics and Communication Engineering is conducting a short term certificate course on "AI & Machine Learning for IoT". Classes will be conducted from January 2nd onwards.

The interested students can register their names to Mr. Immanuel Rajkumar, Assistant Professor, Dept. of Electronics and Communication Engineering on or before 31.12.2019.


DEAN (STUDENT AFFAIRS)

Copy to:

1. Deans & Heads (School of Computing & EEE)
2. All III, II year Classrooms



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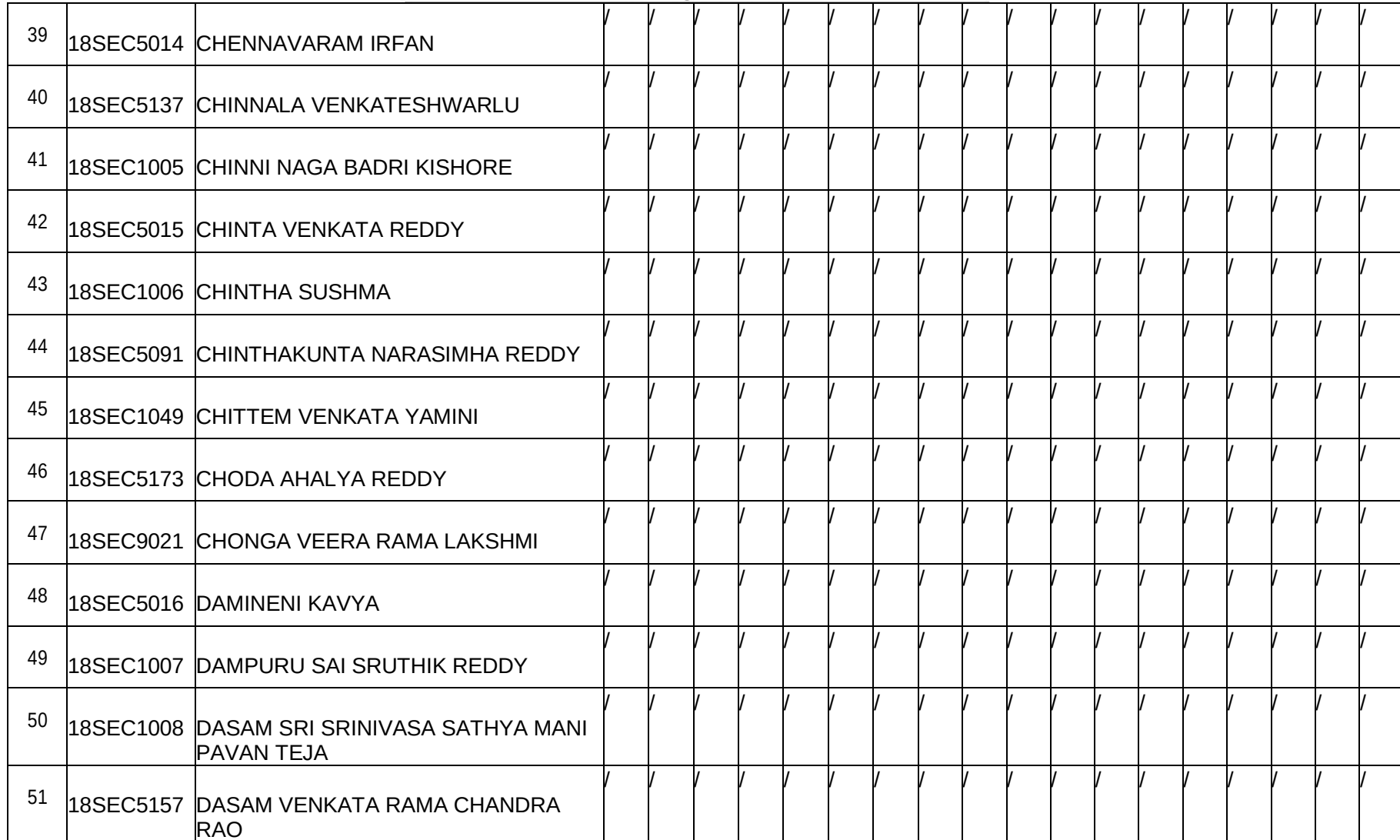
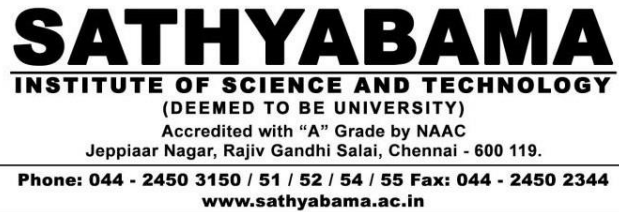
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SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

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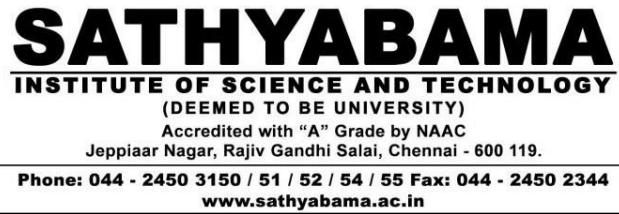
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238	18SEC5142	YUVA SREE. R	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
239	18SEC5133	ZOYA FIRDOUSI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
240	18SEC5180	ASHWANTH PUSHPAKIRAN P.A.	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
241	19SLEC805	ABILASH. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
242	19SLEC801	AMRUTHAVALLI. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
243	19SLEC802	THRINADH REDDY. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
244	19SLEC804	VENKATA TARUN RACHANENI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
245	19SLEC806	SHANKARI MALAKAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
246	18SEC5182	VENKATESH J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

4-Dameela

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

[Signature]



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SCHOOL OF ELECTRICAL AND ELECTRONICS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate of Participation

This is to certify that **Mr./Ms. BATTHALA ARUN KUMAR REDDY** has successfully completed the Value added course **“AI & Machine Learning for IoT”** held from on 2nd January – 31st January, 2019 organized by the Department of Electronics and Communication Engineering, Sathyabama Institute of Science and Technology, Che

Course - Coordinator
Ms.R.Narmadha
Dept. of /ECE

Coordinator
Dr. T. Ravi
HOD/ECE

Coordinator
Dr. N. M. Nandhitha
Dean/School of EE



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SCHOOL OF ELECTRICAL AND ELECTRONICS
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate of Participation

This is to certify that **Mr./Ms. BHARATHI. L** has successfully completed the Value added course “**AI & Machine Learning for IoT**” held from on 2nd January – 31st January, 2019 organized by the Department of Electronics and Communication Engineering, Sathyabama Institute of Science and Technology, Chennai.

Course - Coordinator
Ms.R.Narmadha
Dept. of /ECE

Coordinator
Dr. T. Ravi
HOD/ECE

Coordinator
Dr. N. M. Nandhitha
Dean/School of EE



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This is to certify that **Mr./Ms. BOJJA NITHISH REDDY** has successfully completed the Value added course “**AI & Machine Learning for IoT**” held from on 2nd January – 31st January, 2019 organized by the Department of Electronics and Communication Engineering, Sathyabama Institute of Science and Technology, Chennai.

Course - Coordinator
Ms.R.Narmadha
Dept. of /ECE

Coordinator
Dr. T. Ravi
HOD/ECE

Coordinator
Dr. N. M. Nandhitha
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SCHOOL OF ELECTRICAL AND ELECTRONICS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate of Participation

This is to certify that **Mr./Ms. CHITTEM VENKATA YAMINI** has successfully completed the Value added course “**AI & Machine Learning for IoT**” held from on 2nd January – 31st January, 2019 organized by the Department of Electronics and Communication Engineering, Sathyabama Inst: Chennai.

Course - Coordinator
Ms.R.Narmadha
Dept. of /ECE

Coordinator
Dr. T. Ravi
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Coordinator
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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This is to certify that **Mr./Ms. DAMINENI KAVYA** has successfully completed the Value added course “**AI & Machine Learning for IoT**” held from on 2nd January – 31st January, 2019 organized by the Department of Electronics and Communication Engineering, Sathyabama Institute of Science and Technology, Chennai.

Course - Coordinator
Ms.R.Narmadha
Dept. of /ECE

Coordinator
Dr. T. Ravi
HOD/ECE

Coordinator
Dr. N. M. Nandhitha
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SCHOOL OF BIO AND CHEMICAL ENGINEERING DEPARTMENT OF CHEMICAL ENGINEERING

VALUE ADDED COURSE ON *FUNDAMENTALS OF MOLECULAR SIMULATIONS*

FROM
26/02/2018
TO
23/03/2018

Course Coordinators

1. Dr. S. Sathish - Associate Professor and Head, Department of Chemical Engineering, Sathyabama Institute of Science and Technology
2. Mr. D. Venkatesan 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 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 molecular modeling such as potential energy surfaces, coordinate systems, molecular graphics, surfaces and mathematical concepts.
2. Study of statistical mechanics – common statistical ensembles, sampling from ensembles, transforming between ensembles, thermodynamic averages, fluctuations, and transport coefficients.
3. Understand molecular mechanics and empirical force field models, Energy minimization and conformational analysis.
4. Understand the essentials of Molecular Dynamics Simulation methods.
5. Develop the required skills in Monte Carlo Simulation methods.

Module	Topics	Name of the Faculty	No of Sessions	Venue
1	Introduction – Fundamentals, coordinate systems, potential energy surfaces, molecular graphics, surfaces, periodic boundary condition, spherical boundary condition, minimum image convention, ergodic hypothesis.	Dr.S.Sathish	6 hr	Seminar Hall
2	Statistical Mechanics – Common statistical ensemble, sampling from ensembles, transforming between ensembles, partition function and thermodynamic averages, fluctuations, structural quantities, transport coefficients and time correlation function.	Dr.S.S.Dawn	6 hr	Seminar Hall
3	Molecular Mechanics - Features of molecular mechanics force field, different bonded and non-bonded terms in a force field, united atom and explicit atom force field, force field parametrization, transferability of force field parameters. Different energy minimization methods and conformational analysis.	Dr.S.Sathish	6hr	Seminar Hall
4	Molecular Dynamics Simulation – Setting up and running a molecular dynamics simulation, molecular dynamics using simple and continuous models, time dependent properties, constraint dynamics, NVT and NPT simulations.	Mr.J.Aravind kumar	4hr	Seminar Hall
5	Monte Carlo Simulations: Metropolis method, properties calculation using integration, Monte Carlo sampling from different ensembles, biased Monte Carlo, configurational biased Monte Carlo, simulation of polymers, comparison.	Mr D Venkatesan	6hr	Seminar Hall e
6	Assessment	Mr D Venkatesan	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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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

IN ASSOCIATION WITH

CENTRE FOR WASTE MANAGEMENT

VALUE ADDED COURSE ON

FUNDAMENTALS OF MOLECULAR SIMULATIONS

FROM

20/01/2020

TO

20/02/2020

Course Coordinators

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

For registration:

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	using integration, Monte Carlo sampling from different ensembles, biased Monte Carlo, configurational biased Monte Carlo, simulation of polymers, comparison.			
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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.

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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

Fundamentals Of Molecular Simulations

LIST OF PARTICIPANTS

S.No	Name	Roll No	Department	Day1	Day 2	Day3	Day 4	Day 5
1	ABDUL RAHMAN MARICAR	17SCH501	Chemical					
2	ABIMANYU	17SCH502	Chemical	Abhinayen	Abhinayen	Abhinayen	Abhinayen	Abhinayen
3	ABU SAMAQUE	17SCH503	Chemical	Abu Samuq	Abu Samuq	Abu Samuq	Abu Samuq	Abu Samuq
4	AISHWARYA BHAVANI	17SCH504	Chemical	Aishwari	Aishwari	Aishwari	Aishwari	Aishwari
5	AKASH.J	17SCH505	Chemical	Akash	Akash	Akash	Akash	Akash
6	ALFIN ROMERIO	17SCH805	Chemical	Alf Romero	Alf Romero	Alf Romero	Alf Romero	Alf Romero
7	ALI ABBAS	17SCH001	Chemical	Ali	Ali	Ali	Ali	Ali
8	CRISPIN	17SCH524	Chemical	Crispin	Crispin	Crispin	Crispin	Crispin
9	DEEPAN RAAJ	17SCH512	Chemical	Deepan raju	Deepan raju	Deepan raju	Deepan raju	Deepan raju
10	DEVAPRIYA	17SCH901	Chemical	Dev	Dev	Dev	Dev	Dev
11	GIRITHARAN	17SCH902	Chemical	Giritharan	Giritharan	Giritharan	Giritharan	Giritharan

Armen



C. Srinivas

12	GOVARTHINI	17SCH526	Chemical	Govarthini	Govarthini	Govarthini	Govarthini	Govarthini
13	HARIHARAN	17SCH513	Chemical	Hariharan	Hariharan	Hariharan	Hariharan	Hariharan
14	JACK RICHARDS	17SCH514	Chemical	Jack	Jack	Jack	Jack	Jack
15	KARPAGAM	17SCH515	Chemical	Karpagam	Karpagam	Karpagam	Karpagam	Karpagam
16	KARRI RAMA KRISHNA REDDY	17SCH004	Chemical	Krishna	Krishna	Krishna	Krishna	Krishna
17	MEHITHAN	17SCH525	Chemical	Mehithan	Mehithan	Mehithan	Mehithan	Mehithan
18	MUHAMMED ASIQ	17SCH517	Chemical	Md. Asiq	Md. Asiq	Md. Asiq	Md. Asiq	Md. Asiq
19	NIKHIL KUMAR	17SCH005	Chemical	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
20	NIKIZHL	17SCH804	Chemical	Nikizhl	Nikizhl	Nikizhl	Nikizhl	Nikizhl
21	PARRI SAI VAIBHAV	17SCH518	Chemical	Saiveibhav	Saiveibhav	Saiveibhav	Saiveibhav	Saiveibhav
22	PREM	17SCH527	Chemical	Prem	Prem	Prem	Prem	Prem
23	RAKHIL	17SCH802	Chemical	Rakhi	Rakhi	Rakhi	Rakhi	Rakhi
24	RIZWAN KHAN	17SCH806	Chemical	Rizwan	Rizwan	Rizwan	Rizwan	Rizwan
25	ROHIN RAJENDRAN	17SCH519	Chemical	Rohin	Rohin	Rohin	Rohin	Rohin
26	SAI KUMAR	17SCH520	Chemical	Sai	Sai	Sai	Sai	Sai
27	SHAIK MOHAMMED FAZEEL	17SCH521	Chemical	Shakf.	Shakf.	Shakf.	Shakf.	Shakf.
28	SHAWANI SHOME	17SCH007	Chemical	Shawani	Shawani	Shawani	Shawani	Shawani

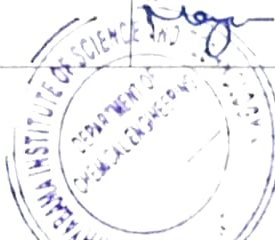
Shawani



Shawani

29	SHIVAM SHEKHAR	17SCH807	Chemical	Shivam	Shivam	Shivam	Shivam	Shivam
30	SUVISH	17SCH803	Chemical	Suvish	Suvish	Suvish	Suvish	Suvish
31	AJI S KUMAR	16SCH802	Chemical	Aji S	Aji S	Aji S	Aji S	Aji S
32	AKASH. T	16SCH527	Chemical	Akash	Akash	Akash	Akash	Akash
33	ANANTHA KRISHNAN. S. M	16SCH002	Chemical	Ananthas	Anantha	Ananthas	Ananthas	Ananthas
34	AROCKIA RAJ. A	16SCH503	Chemical	Arockia	Arockia	Arockia	Arockia	Arockia
35	AROCKIA MICHAEL JENIS. J	16SCH901	Chemical	Ar	Ar	Ar	Ar	Ar
36	ARSHAK. A. P	16SCH504	Chemical	Arshak	Arshak	Arshak	Arshak	Arshak
37	ASHWIN KUMAR. D	16SCH506	Chemical	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin
38	DANIEL ROBINSON. P	16SCH507	Chemical	Dani	Dani	Dani	Dani	Dani
39	DINESHKUMAR. S	16SCH525	Chemical	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh
40	HARIRAJAN. N	16SCH508	Chemical	Hari N	Hari N	Hari N	Hari N	Hari N
41	JOEL THOMAS	16SCH521	Chemical	Joel Thomas	Joel Thomas	Joel Thomas	Joel Thomas	Joel Thomas
42	KARTHIKEYAN. R	16SCH509	Chemical	Karthi	Karthi	Karthi	Karthi	Karthi
43	LISNA JOY	16SCH801	Chemical	Lisna	Lisna	Lisna	Lisna	Lisna
44	MAYURESHWAR DEY	16SCH510	Chemical	Maya	Maya	Maya	Maya	Maya

dhensen



Jon

45	MELWIN ROY. C	16SCH511	Chemical	Melwin	Melwin	Melwin	Melwin	Melwin
46	MOHAMED ASLAM	16SCH512	Chemical	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed
47	MOHANA PRAKASH. R	16SCH513	Chemical	R M Prakash	R.M. prakash	R M Prakash	R.M.prakash	R.M.prakash
48	NAFZIN AZEEZ. K	16SCH522	Chemical	Nafzin	Nafzin	Nafzin	Nafzin	Nafzin
49	NANDU VYSHNAV KASINATH. C	16SCH003	Chemical	Nandu	Nandu	Nandu	Nandu	Nandu
50	RAJ VIGNESHVAR. A	16SCH515	Chemical	Raj	Raj	Raj	Raj	Raj
51	RAJ VIGNESHVAR. A	16SCH515	Chemical	Raj	Raj	Raj	Raj	Raj
52	RUTHRAPOOJYA. R	16SCH529	Chemical	Ruthra	Ruthra	Ruthra	Ruthra	Ruthra
53	SACHIDANANDAN. H	16SCH526	Chemical	Sachin	Sachin	Sachin	Sachin	Sachin
54	SAHIL FAIZI	16SCH528	Chemical	Sahil	Sahil	Sahil	Sahil	Sahil
55	SANTHOSH. A	16SCH516	Chemical	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh
56	SUGANRAM. S	16SCH517	Chemical	Sugan	Sugan	Sugan	Sugan	Sugan
57	V A S SAIRAM	16SCH523	Chemical	Sairam	Sairam	Sairam	Sairam	Sairam
58	VETRIVEL. R	16SCH518	Chemical	Vetri	Vetri	Vetri	Vetri	Vetri
59	VIGNESH. V	16SCH519	Chemical	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh
60	YUVARAJA. T	16SCH520	Chemical	Yuvaraj	Yuvaraj	Yuvaraj	Yuvaraj	Yuvaraj

Dr. S. S. S.



HEAD OF THE DEPARTMENT
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Gandhi Salai

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF CHEMICAL ENGINEERING

SEMESTER III BIO AND CHEMICAL ENGINEERING

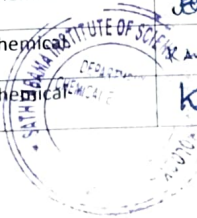
Fundamentals of Molecular Simulations

S.No	Name	Roll No	Department	Day1	Day 2	Day3	Day 4	Day 5
1	ANFAS RUSHAN. P	18SCH5001	Chemical	P.Anfas	P.Anfas	P.Anfas	P.Anfas	P.Anfas
2	ARAVIND ANILKUMAR MUTTATHIL	18SCH5002	Chemical	Aravind	Aravind	Aravind	Aravind	Aravind
3	GANNI BILVIK SRI SAI CHANDU	18SCH1001	Chemical	Ganni Bilvik Sri Sai Chandu	Ganni Bilvik Sri Sai Chandu	Ganni Bilvik Sri Sai Chandu	Ganni Bilvik Sri Sai Chandu	Ganni Bilvik Sri Sai Chandu
4	GOWRI SHANKAR. M	18SCH5012	Chemical	Gowri Shu	Gowri Shu	Gowri Shu	Gowri Shu	Gowri Shu
5	KARTHIKA. M	18SCH5003	Chemical	Karthika. M	Karthika. M	Karthika. M	Karthika. M	Karthika. M
6	KARTHIK RAJA. S	18SCH5016	Chemical	Karthik Raja	Karthik Raja	Karthik Raja	Karthik Raja	Karthik Raja
7	Devan	18SCH5004	Chemical	Devan	Devan	Devan	Devan	Devan
8	NAKKEERAN. M	18SCH5017	Chemical	Nakkeeran	Nakkeeran	Nakkeeran	Nakkeeran	Nakkeeran
9	POOVARASAN. S. R	18SCH9002	Chemical	Poovarasan	Poovarasan	Poovarasan	Poovarasan	Poovarasan
10	RASHEEQA. M	1822801	Chemical	Rasheeqa	Rasheeqa	Rasheeqa	Rasheeqa	Rasheeqa
11	RUBESH. R	18SCH5005	Chemical	Rubesh	Rubesh	Rubesh	Rubesh	Rubesh



CS/14

	SHAIKH MOHD SALIM		Chemical	Salim	Salim	Salim	Salim	Salim
14	CHANDRAN	18SCH9001		Sheetal	Sheetal	Sheetal	Sheetal	Sheetal
15	VISHAL . B	18SCH5013	Chemical	Vishal	Vishal	Vishal	Vishal	Vishal
		19S195001	Chemical	Adhil	Adhil	Adhil	Adhil	Adhil
17	ARUN K.G	19S195002	Chemical	K.v. arun	K.v. arun	K.v. arun	K.v. arun	K.v. arun
18	DHISHON FRANKLIN. F	19S198001	Chemical	Franklin	Franklin	Franklin	Franklin	Franklin
19	GAYATHRI .S	19S195003	Chemical	Gayathri .S	Gayathri .S	Gayathri .S	Gayathri .S	Gayathri .S
20	GODWIN GOPINATHAN	19S195004	Chemical	Gopin	Gopin	Gopin	Gopin	Gopin
21	GOKUL . V	19S195027	Chemical	V. Gokul	V. Gokul	V. Gokul	V. Gokul	V. Gokul
22	GOPI KRISHNAN. P	19S191002	Chemical	Gopi	Gopi	Gopi	Gopi	Gopi
23	HARSHVARDHAN RATHORE	19S195005	Chemical	Harsh	Harsh	Harsh	Harsh	Harsh
24	JAYASURIYA .R	19S191003	Chemical	Jayasuriya	Jayasuriya	Jayasuriya	Jayasuriya	Jayasuriya
25	JOBIN CHACKO	19S195006	Chemical	Jobin	Jobin	Jobin	Jobin	Jobin
26	KAVI AMUDHAN . V	19S195007	Chemical	Kamalath	Kamalath	Kamalath	Kamalath	Kamalath
27	KOWDHAM . C	19S195008	Chemical	Kaulth	Kaulth	Kaulth	Kaulth	Kaulth



Signature

	SAHITHAN DEB	19S195009	Chemical	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>
				<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>
				<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>
				<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>
				<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>
				<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>
				<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>
				<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>
				<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>
				<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>

34	MOHAMMED IQBAL. A	19S199001	Chemical	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>	<u>lcl</u>
35	NAVDEEP . K.M	19S195011	Chemical	<u>Navdeep . K.M</u>	<u>Navdeep . K.M</u>	<u>Navdeep . K.M</u>	<u>Navdeep . K.M</u>	<u>Navdeep . K.M</u>
36	NIDAMANURI MANASA	19S191005	Chemical	<u>Manasa</u>	<u>Manasa</u>	<u>Manasa</u>	<u>Manasa</u>	<u>Manasa</u>
37	NITISH .S	19S195012	Chemical	<u>Nitish . S</u>	<u>Nitish . S</u>	<u>Nitish . S</u>	<u>Nitish . S</u>	<u>Nitish . S</u>
38	NIVYA .B	19S191001	Chemical	<u>B. Nivya</u>	<u>B. Nivya</u>	<u>B. Nivya</u>	<u>B. Nivya</u>	<u>B. Nivya</u>
39	RAGU .RAM. N	19S195025	Chemical	<u>Ragu . Ram</u>	<u>Ragu . Ram</u>	<u>Ragu . Ram</u>	<u>Ragu . Ram</u>	<u>Ragu . Ram</u>
40	RAMKI .J	19S195024	Chemical	<u>Ramki</u>	<u>Ramki</u>	<u>Ramki</u>	<u>Ramki</u>	<u>Ramki</u>
41	RAYAPATI JAYA CHANDRA	19S195028	Chemical	<u>Raj</u>	<u>Raj</u>	<u>Raj</u>	<u>Raj</u>	<u>Raj</u>
42	RISHIKIRAN. A	19S195014	Chemical	<u>Rishikira . A</u>	<u>Rishikira . A</u>	<u>Rishikira . A</u>	<u>Rishikira . A</u>	<u>Rishikira . A</u>
43	SAKTHIVEL .A	19S195015	Chemical	<u>Sakthivel . A</u>	<u>Sakthivel . A</u>	<u>Sakthivel . A</u>	<u>Sakthivel . A</u>	<u>Sakthivel . A</u>
44	SATISH KUMAR .K	19S195016	Chemical	<u>Sathish . K</u>	<u>Sathish . K</u>	<u>Sathish . K</u>	<u>Sathish . K</u>	<u>Sathish . K</u>



Signature

	SHARUKA	2014	Chemical	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>
	SIDDHANTH	19S15	Chemical	<u>Siddhantth</u>	<u>Siddhantth</u>	<u>Siddhantth</u>	<u>Siddhantth</u>	<u>Siddhantth</u>
				<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>
				<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>
				<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>
				<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>
				<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>
				<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>
				<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>
				<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>	<u>Shad</u>
51	VAMSHI KRISHNA SAIBOINA	19S195021	Chemical	<u>Gamsi</u>	<u>Gamsi</u>	<u>Gamsi</u>	<u>Gamsi</u>	<u>Gamsi</u>
52	VIJAYA GANESH. K	19S195022	Chemical	<u>VijGackk.</u>	<u>VijGackk</u>	<u>VijGackk.</u>	<u>VijGackk</u>	<u>VijGackk</u>
53	ANKIREDDY GIRIDHAR	19P69001	Chemical	<u>giridhar</u>	<u>giridhar</u>	<u>giridhar</u>	<u>giridhar</u>	<u>giridhar</u>
54	ARNAB BHOWMIK	19P69002	Chemical	<u>Arnob</u>	<u>Arnob</u>	<u>Arnob</u>	<u>Arnob</u>	<u>Arnob</u>
55	BINU BALAN	19P69003	Chemical	<u>Binu Balan</u>	<u>Binu Balan</u>	<u>Binu Balan</u>	<u>Binu Balan</u>	<u>Binu Balan</u>
56	CHANDHAN C	19P69019	Chemical	<u>Chandhan</u>	<u>Chandhan</u>	<u>Chandhan</u>	<u>Chandhan</u>	<u>Chandhan</u>
57	KATHIRAVAN	19P69004	Chemical	<u>Kathir</u>	<u>Kathir</u>	<u>Kathir</u>	<u>Kathir</u>	<u>Kathir</u>
58	LENINLAL P	19P69005	Chemical	<u>Lenenlalp</u>	<u>Lenenlalp</u>	<u>Lenenlalp</u>	<u>Lenenlalp</u>	<u>Lenenlalp</u>
59	MANIKANDAN A	19P69006	Chemical	<u>A manikandan</u>	<u>A manikandan</u>	<u>A manikandan</u>	<u>A manikandan</u>	<u>A manikandan</u>
60	NAGUR BHASHA SHAIK	19P69007	Chemical	<u>Nagur</u>	<u>Nagur</u>	<u>Nagur</u>	<u>Nagur</u>	<u>Nagur</u>

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DEVAPRIYA

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THIS IS TO CERTIFY THAT **SATISH KUMAR.K** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **“FUNDAMENTALS OF MOLECULAR SIMULATION”** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING, SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
Chennai - 119.

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"FUNDAMENTALS OF MOLECULAR SIMULATION"

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THIS IS TO CERTIFY THAT **NAKKEERAN.M** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"FUNDAMENTALS OF MOLECULAR SIMULATION"** 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 **POOVARASAN.S.R** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"FUNDAMENTALS OF MOLECULAR SIMULATION"** 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 **RUBESH.R** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"FUNDAMENTALS OF MOLECULAR SIMULATION"** 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 **VISHAL.B** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"FUNDAMENTALS OF MOLECULAR SIMULATION"** 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 **SHENNON STALIN.N** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"FUNDAMENTALS OF MOLECULAR SIMULATION"** 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 **SHEETHAL CHANDRASEKARAN** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **“FUNDAMENTALS OF MOLECULAR SIMULATION”** 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 **ARAVIND ANILKUMAR MUTTATHIL** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **“FUNDAMENTALS OF MOLECULAR SIMULATION”** 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 **BINU BALAN** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **“FUNDAMENTALS OF MOLECULAR SIMULATION”** 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 **CHANDHAN COF** SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **“FUNDAMENTALS OF MOLECULAR SIMULATION”** 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 **NAGUR BHASHA SHAIK** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **“FUNDAMENTALS OF MOLECULAR SIMULATION”** 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 **SIDDHARTH.U** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **“FUNDAMENTALS OF MOLECULAR SIMULATION”** 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 **RAGHURAM.N** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **“FUNDAMENTALS OF MOLECULAR SIMULATION”** ORGANIZED BY DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

IN ASSOCIATION WITH

Department of Physics

VALUE ADDED COURSE ON

Nanotechnology and its Applications

FROM

17/06/2019

TO

18/07/2019

Course Coordinators

1. Dr.D.Prabhu - Associate Professor, Department of Chemical Engineering, Sathyabama Institute of Science and Technology
2. Dr.Murugasen - Associate Professor, Department of Physics, Sathyabama Institute of Science and Technology

For registration:

https://docs.google.com/forms/d/1wOAmqojQhXUuNonafLNsp4F_YtqbMFXf9BBuaa1yblq/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	Venue
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	Seminar Hall
2	Different Classes of Nanomaterials, Classification based on dimensionality, Carbon-based nano materials – fullerenes and buckyballs, Carbon nanotubes and graphene, Metal based nano materials – Nanogold and Nanosilver, Biological nanomaterials.	Dr.Ravichandran	6 hr	Seminar Hall
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	Seminar Hall
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	Seminar Hall
5	Applications in Nanotechnology. Solar energy conversion and catalysis, Molecular electronics, nanoelectronics and printed electronics, Polymers with a special architecture, liquid crystalline systems, Applications - nanomaterials for data storage, Chemical and biosensors.	Dr.Murugasan	6hr	Seminar Hall
6	Assessment	Dr.D.Prabhu	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.

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

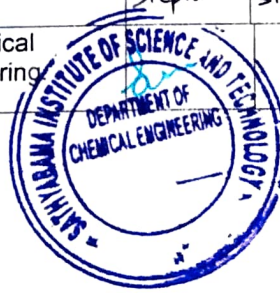
DEPARTMENT OF CHEMICAL ENGINEERING

SCHOOL OF BIO AND CHEMICAL ENGINEERING

Nanotechnology and its Applications

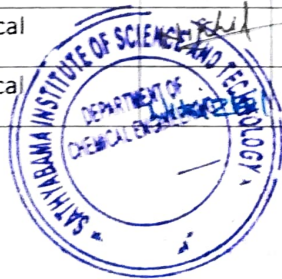
LIST OF PARTICIPANTS (17-6-2019 to 18-07-2019)

S.No	Name	Roll No	Department	Day 1 17/6	Day 2 24/6	Day 3 2/7	Day 4 8/7	Day 5 12/7	Day 6 18/7
1	RUBESH. R	18SCH5005	Chemical	Rubesh	Rubesh	Rubesh	Rubesh	Rubesh	Rubesh
2	SHAIKH MOHD SALIM NOOMAN AHMED	18SCH1002	Chemical	shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh
3	SHANNON STALIN. S	18SCH5007	Chemical	shannon	Shannon	Shannon	Shannon	Shannon	Shannon
4	SHEETAL CHANDRASEKARAN	18SCH9001	Chemical	Sheetal	Sheetal	Sheetal	Sheetal	Sheetal	Sheetal
5	VISHAL. B	18SCH5013	Chemical	Vishal	vishal	Vishal	Vishal	Vishal	Vishal
6	Yuvanesh raj	19S125077	B.TECH IT	Yuvanesh	Yuvanesh	Yuvanesh	Yuvanesh	Yuvanesh	Yuvanesh
7	KIRTHIK M	19S135026	BE ECE	Kirthik	Kirthik	Kirthik	Kirthik	Kirthik	Kirthik
8	Stephinmaju	19S145011	BE-EEE	stephi	stephi	stephi	stephi	stephi	stephi
9	Santhosh.A	19S158007	Mechanical Engineering		A	A	A	San	San



Santhosh.A

10	B.Nagaprasanth	19s135083	BE,ECE	Nag	Nag	Nag	Nag	Nag	Nag
11	N.venkat	19s135782	BE.ECE	Venkat	Venkat	Venkat	Venkat	Venkat	Venkat
12	Vijay Krishnan	19s125053	BTECH IT	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
13	Srinadh chekuri	19s135687	ECE	Srinadh	Srinadh	Srinadh	Srinadh	Srinadh	Srinadh
14	Madhanlal	19S135012	B.E mech	Madhanlal	Madhanlal	Madhanlal	Madhanlal	Madhanlal	Madhanlal
15	Chundru Kasi Viswanadham	19S135012	ECE	Chundru Kasi	Chundru Kasi	Chundru Kasi	Chundru Kasi	Chundru Kasi	Chundru Kasi
16	Praveen Kumar	19s135711	Ece	Praveen Kumar	Praveen Kumar	Praveen Kumar	Praveen Kumar	Praveen Kumar	Praveen Kumar
17	Ajaykumarreddy.chidipudi	19S135622	ECE	Ajay Kumar	Ajay Kumar	Ajay Kumar	Ajay Kumar	Ajay Kumar	Ajay Kumar
18	Raagila.K	19S189009	Electronics and instrumentation engineering	Raagila	Raagila	A	Raagila	Raagila	Raagila
19	N.kalpana devi	19S415044	MBA	Kalpana	Kalpana	Kalpana	Kalpana	Kalpana	Kalpana
20	Rahul	19s151022	Mechanical	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
21	ADHILIMAM .M.N	19S195001	Chemical	Adhilimam	Adhilimam	Adhilimam	Adhilimam	Adhilimam	Adhilimam
22	ARUN K.G	19S195002	Chemical	Arun	Arun	Arun	Arun	Arun	Arun
23	DHISHON FRANKLIN. F	19S198001	Chemical	Dishon	Dishon	Dishon	Dishon	Dishon	Dishon
24	GAYATHRI .S	19S195003	Chemical	Gaythri	Gaythri	Gaythri	Gaythri	Gaythri	Gaythri
25	GODWIN GOPINATHAN	19S195004	Chemical	Godwin	Godwin	Godwin	Godwin	Godwin	Godwin
26	MOHAMED ASIQ	17SCH517	Chemical	Asiq	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed
27	NIKHIL KUMAR	17SCH005	Chemical	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
28	NIKIZHL	17SCH804	Chemical	Nikizhl	Nikizhl	Nikizhl	Nikizhl	Nikizhl	Nikizhl



Signature

29	PARRI SAI VAIBHAV	17SCH518	Chemical	Parrsi	Parrsi	Parrsi	Parrsi	Parrsi	Parrsi
30	PREM	17SCH527	Chemical	Prem	Prem	Prem	Prem	Prem	Prem
31	RAKHIL	17SCH802	Chemical	Rakhil	Rakhil	Rakhil	Rakhil	Rakhil	Rakhil
32	RIZWAN KHAN	17SCH806	Chemical	Rizwan	Rizwan	Rizwan	Rizwan	Rizwan	Rizwan
33	ROHIN RAJENDRAN	17SCH519	Chemical	Rohin	Rohin	Rohin	Rohin	Rohin	Rohin
34	SAI KUMAR	17SCH520	Chemical	Sai kumar	Sai kumar	Sai kumar	Sai kumar	Sai kumar	Sai kumar
35	AZEEMUDIN	18SCH5001	Chemical	Azeemudin	Azeemudin	Azeemudin	Azeemudin	Azeemudin	Azeemudin
36	ARAVIND ANILKUMAR MUTTATHIL	18SCH5002	Chemical	Aravind	Aravind	A	Aravind	Aravind	Aravind
37	GANNI BILVIK SRI SAI CHANDU	18SCH1001	Chemical	Sai Chandu	Sai Chandu	Sai Chandu	Sai Chandu	Sai Chandu	Sai Chandu
38	GOWRI SHANKAR. M	18SCH5012	Chemical	Gowri	Gowri	Gowri	Gowri	Gowri	Gowri
39	KARTHIKA. M	18SCH5003	Chemical	Karthika	Karthika	Karthika	Karthika	Karthika	Karthika
40	Madhanlal	19S158006	B.E mech	Madhan	Madhan	Madhan	Madhan	Madhan	Madhan
41	AROCKIA RAJ. A	16SCH503	Chemical	A.Rj	A.Rj	A.Rj	A.Rj	A.Rj	A.Rj
42	AROKYA MICHAEL JENIS. J	16SCH901	Chemical	A.Rj	A.Rj	A.Rj	A.Rj	A.Rj	A.Rj
43	ARSHAK. A. P	16SCH504	Chemical	Arshak	Arshak	Arshak	Arshak	Arshak	Arshak
44	ASHWIN KUMAR. D	16SCH506	Chemical	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin
45	DANIEL ROBINSON. P	16SCH507	Chemical	Danap	Danap	Danap	Danap	Danap	Danap



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46	DINESHKUMAR. S	16SCH525	Chemical	<i>Dinesh Kumar</i>	<i>A</i>	<i>Dinesh Kumar</i>	<i>Dinesh Kumar</i>	<i>Dinesh Kumar</i>	<i>Dinesh Kumar</i>
47	Ramesh Arwin . S	19S151023	B.E Mechanical	<i>R. Arwin</i>	<i>R. Arwin</i>	<i>R. Arwin</i>	<i>R. Arwin</i>	<i>R. Arwin</i>	<i>R. Arwin</i>
48	R.Mahendra Reddy	19S115550	B.E(CSE)	<i>R. Mah</i>	<i>R. Mah</i>	<i>R. Mah</i>	<i>R. Mah</i>	<i>R. Mah</i>	<i>R. Mah</i>
49	Sanjay	19S125123	B.tech IT	<i>Sanjay</i>	<i>Sanjay</i>	<i>Sanjay</i>	<i>Sanjay</i>	<i>Sanjay</i>	<i>Sanjay</i>
50	Srirangaprasanth	19S125047	B.Tech IT	<i>S. Prasan</i>	<i>A</i>	<i>S. Prasan</i>	<i>A</i>	<i>A</i>	<i>S. Prasan</i>
51	KARTHIK RAJA. S	18SCH5016	Chemical	<i>S.K. Raja</i>	<i>S.K. Raja</i>	<i>S.K. Raja</i>	<i>S.K. Raja</i>	<i>S.K. Raja</i>	<i>S.K. Raja</i>
52	MANOJ. A	18SCH5004	Chemical	<i>Manoj</i>	<i>Manoj</i>	<i>Manoj</i>	<i>Manoj</i>	<i>Manoj</i>	<i>Manoj</i>
53	Siddharth	19S195018	Chemical	<i>Siddharth</i>	<i>Siddharth</i>	<i>Siddharth</i>	<i>Siddharth</i>	<i>Siddharth</i>	<i>Siddharth</i>
54	Satish kumar	19S195016	Chemical	<i>Satish</i>	<i>Satish</i>	<i>Satish</i>	<i>Satish</i>	<i>Satish</i>	<i>A</i>


Coordinator




HEAD/CHEMICAL

HEAD OF THE DEPARTMENT
DEPARTMENT OF CHEMICAL ENGINEERING
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiyaar Nagar, Rajiv Gandhi Salai
Chennai - 600 116



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SHANNON STALIN S

of Sathyabama Institute of Science and Technology has successfully Completed the Value-Added Course titled **"NANOTECHNOLOGY AND ITS APPLICATION"** on **"17-06-2019 to 18-07-2019"** organized by Department of Chemical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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VISHAL B

of Sathyabama Institute of Science and Technology has successfully Completed the Value-Added Course titled **"NANOTECHNOLOGY AND ITS APPLICATION"** on **"17-06-2019 to 18-07-2019"** organized by Department of Chemical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai - 119.

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SANTHOSH A

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VENKAT N

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RAAGILA K

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ARUN K G

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GAYATHRI S

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the Value-Added Course titled **"NANOTECHNOLOGY AND ITS APPLICATION"**
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NIKHIL KUMAR +

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MADHANLAL A+

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PREM

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SAI KUMAR

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ARSHAK A P

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ASHWIN KUMAR D

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RIZWAN KHAN

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KARTHIK RAJA S +

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the Value-Added Course titled **"NANOTECHNOLOGY AND ITS APPLICATION"**
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SIDDHARTH U

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SATISH KUMAR K+

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SANJAY

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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

Production of biodiesel and its characterization using GCMS

FROM

24-07- 2019

TO

21-08-2019

Course Coordinators

1. Dr Annam Renita – Professor , Department of Chemical Engineering,
Sathyabama Institute of Science and Technology
2. Dr.S.S.Dawn - Professor and Head, Centre For Waste Management,
Sathyabama Institute of Science and Technology

For registration:

https://docs.google.com/forms/d/1wOAmqojQhXUuNonafLNsP4F_YtqbMoXf9ttuaa1ySem/edit

For Queries contact: chemicalhod@sathyabama.ac.in

Objective of this course:

***To develop necessary skills to synthesis of biodiesel and learn appropriate
Characterization technique as per the need.***

Course Outcomes:

- 1. Learn the overview of biodiesel synthesis and techno-economic analysis**
- 2. Apply energy balances, and thermodynamics in Biodiesel synthesis**
- 3. Understand unit processes/operations involved in biodiesel production**
- 4. Develop experimental plan and conduct lab work pertinent to biodiesel production**
- 5. Analyses Characterization techniques in biodiesel synthesis**

Module	Topics	Name of the Faculty	No of Sessions	Venue
1	Introduction - Synthesis and Characterization of Biofuels	Dr.Annam Renita	6 hr	Seminar Hall
2	Biodiesel - fundamentals, method equipments and applications; thermal conversion products, microbial conversion Process	Dr.Arun	6 hr	Seminar Hall
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	Seminar Hall
4	Biofuel – Bioethanol, Biohydrogen, methanol, Corn ethanol, lignocellulosic ethanol, microorganisms for fermentation, current industrial ethanol production technology,	Dr.J.Aravind kumar	6hr	Seminar Hall
5	Biodiesel – Microorganisms and raw materials used for microbial Oil production – Treatment of the feedstocks prior to production of the	Dr.S.S.Dawn/Dr.J.Arun	6hr	Seminar Hall

	Biodiesel – Current technologies of biodiesel production – Purification of biodiesel; Industrial production of biodiesel – Biodiesel production from single cell oil.,			
6	Assessment	Dr.Annam Renita	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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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

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

For registration:

https://docs.google.com/forms/d/1wOAcqojQhmUuQonafLNsP4F_YtqbUmXf9ttuaa1yxuo/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. 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 Strings Sample Program More Sample Programs Standard String Library Functions Array of String			
6	Assessment	Dr.D Venkatesan	1hr	Seminar Hall

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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

FUNDAMENTALS OF MOLECULAR SIMULATIONS

FROM

20/01/2020

TO

20/02/2020

Course Coordinators

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

For registration:

https://docs.google.com/forms/d/1w0AmqojQhXUuNonafLNsp4F_YtqbMFXf9CCuaa1ySew/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 molecular modelling such as potential energy surfaces, coordinate systems, molecular graphics, surfaces and mathematical concepts.
2. Study of statistical mechanics – common statistical ensembles, sampling from ensembles, transforming between ensembles, thermodynamic averages, fluctuations, and transport coefficients.
3. Understand molecular mechanics and empirical force field models, Energy minimization and conformational analysis.
4. Understand the essentials of Molecular Dynamics Simulation methods.
5. Develop the required skills in Monte Carlo Simulation methods.

Module	Topics	Name of the Faculty	No of Sessions	Venue
1	Introduction – Fundamentals, coordinate systems, potential energy surfaces, molecular graphics, surfaces, periodic boundary condition, spherical boundary condition, minimum image convention, ergodic hypothesis.	Dr.S.Sathish	6 hr	Seminar Hall
2	Statistical Mechanics – Common statistical ensemble, sampling from ensembles, transforming between ensembles, partition function and thermodynamic averages, fluctuations, structural quantities, transport coefficients and time correlation function.	Dr.J Aravindkumar	6 hr	Seminar Hall
3	Molecular Mechanics - Features of molecular mechanics force field, different bonded and non-bonded terms in a force field, united atom and explicit atom force field, force field parametrization, transferability of force field parameters. Different energy minimization methods and conformational analysis.	Dr.S.S.Dawn	6hr	Seminar Hall
4	Molecular Dynamics Simulation – Setting up and running a molecular dynamics simulation, molecular dynamics using simple and continuous models, time dependent properties, constraint dynamics, NVT and NPT simulations.	Mr D Venkatesan	4hr	Seminar Hall
5	Monte Carlo Simulations: Metropolis method, properties calculation	Dr S Sathish	6hr	Seminar Hall

	using integration, Monte Carlo sampling from different ensembles, biased Monte Carlo, configurational biased Monte Carlo, simulation of polymers, comparison.			
6	Assessment	Dr.J.Aravindkumar	1hr	Seminar Hall

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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

VALUE ADDED COURSE ON **MATLAB FOR NUMERICAL TECHNIQUES**

FROM
02/03/2020
TO
04/04/2020

Course Coordinators

1. Dr. Annam Renita - Professor, 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	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.D.Prabhu	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.J.Aravindkumar	1hr	Online

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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

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:

https://docs.google.com/forms/d/1wOAcqojQhmUuQonafLNsP4F_YtqbUmXf9ttuuaa1yFuo/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	8 hr	Zoom
2	Body Language & Etiquettes, Group Discussion & Interview Skills, Preparation of CV	Dr.Bhuvaneswari	8 hr	Zoom
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 Strings Sample Program More Sample Programs Standard String Library Functions Array of String			
6	Assessment	Dr.D Pracbhu /Dr.DVenkatesan	1hr	LMS Quiz

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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. Learn the overview of world energy situation, and refinery and bio-refinery concept 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, microorganisms for 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

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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

VALUE ADDED COURSE ON

Applied Energy Conservation and Management

FROM

25-01- 2021

TO

19-02-2021

Course Coordinator

1.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_YtqbceXf9CCuaa1yENe/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. Explain the importance of effective energy management and control in commercial and industrial facilities.**
- 2. Develop and implement energy management programs in commercial and industrial facilities.**
- 3. Plan and conduct effective energy audits.**
- 4. Perform economic analysis of energy conservation opportunities and identify cost effective conservation projects.**
- 5. Develop statistical models of energy consumption using widely available software tools.**

Module	Topics	Name of the Faculty	No of Sessions	Platform
1	Energy scenario , Principles and imperatives of energy conservation , Energy consumption pattern ,Resource availability, Why save energy ,Reasons to save energy An over view of energy consumption and its effects. Current energy consumption in India Role of energy managers in industries.	Dr.S.Sathish	6 hr	Zoom
2	Developing Energy Management and Auditing Programs	Dr.D Prabhu	6 hr	Zoom
3	Boilers- performance evaluation, Loss analysis, Water treatment and its impact on boiler losses, integration of different systems in boiler operation. Advances in boiler technologies, FBC and PFBC boilers,Heat recovery Boilers- it's limitations and constraints. Furnaces- Types and classifications, applications, economics and quality aspects, heat distributions, draft controls, waste heat recovering options	Dr.S.S.Dawn	6hr	Zoom
4	Report-writing, preparations and presentations of energy audit reports, Post monitoring of energy conservation projects, MIS, Case- studies / Report studies of Energy Audits. Guidelines for writing energy audit report, data presentation in report, findings recommendations, impact of renewable energy on energy audit recommendations. Instruments for Audit and Monitoring Energy and	Dr.Manikandan	6hr	Zoom

	Energy Savings, Types and Accuracy. Case studies of implemented energy cost optimization projects in electrical utilities as well as thermal utilities.			
5	Organizational background desired for energy management persuasion motivation publicity role. Tariff Analysis. Industrial energy management systems. Energy monitoring, auditing and targeting. Economics of various energy conservation schemes – Energy policy and energy labeling.	Dr. Annam Renta	6hr	Zoom
6	Assessment	Dr. S. Sathish	1hr	LMS Quiz

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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

Hands on Training of Biodiesel synthesis and Characterization

FROM

15-06- 2020

TO

07-07-2020

Course Coordinator

1.Dr J Aravind Kumar – Assistant Professor , Department of Chemical Engineering, Sathyabama Institute of Science and Technology

For registration:

https://docs.google.com/forms/d/1wOAmqojQhXUuNonafLNsP4F_YtqbMoXf9ttuaa1ySI/edit

For Queries contact: chemicalhod@sathyabama.ac.in

Objective of this course:

To develop necessary skills to synthesis of biodiesel and learn appropriate Characterization technique as per the need.

Course Outcomes:

- 1. Learn the overview of biodiesel synthesis and techno-economic analysis**
- 2. Apply energy balances, and thermodynamics in Biodiesel synthesis**
- 3. Understand unit processes/operations involved in biodiesel production**
- 4. Develop experimental plan and conduct lab work pertinent to biodiesel production**
- 5. Analyses Characterization techniques in biodiesel synthesis**

Module	Topics	Name of the Faculty	No of Sessions	Platform
1	Introduction - Synthesis and Characterization of Biofuels	Dr.S.Sathish	6 hr	Zoom
2	Biodiesel - fundamentals, methodsequipments 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, lignocellulosicethanol, microorganisms for fermentation, current industrial ethanol production technology,	Dr.J.Aravind kumar	6hr	Zoom
5	Biodiesel – Microorganisms and raw materials used for microbial Oil production – Treatment of the feedstocks priorto production of the	Dr.S.S.Dawn/Dr.J.Arun	6hr	Zoom

	Biodiesel – Current technologies of biodiesel production – Purification of biodiesel; Industrial production of biodiesel – Biodiesel production from single cell oil.,			
6	Assessment	Dr.S.Sathis	1hr	LMS Quiz

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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

VALUE ADDED COURSE ON

Process Simulation Fundamentals

FROM

13-07- 2020

TO

06-08-2020

Course Coordinator

1. Dr D.Venkatesan – Assistant 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	Platform
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	Zoom
2	Material and Energy balance	Dr.S Sathish	6 hr	Zoom
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.D Prabhu	6hr	Zoom
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 phasepressurized CSTR, non,isothermal CSTR, single component vaporizer, multi, component flash drum, batch reactor,	Dr.J.Aravind kumar	6hr	Zoom
5	Process Simulation,	Dr.D Venkatesan	6hr	Zoom

	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 plantwide control			
6	Assessment	Dr.D Venkatesan /Dr.D Prabhu	1hr	LMS Quiz

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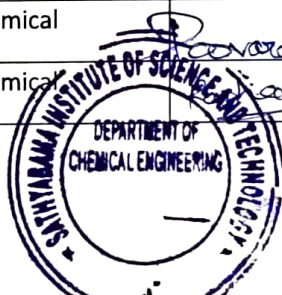
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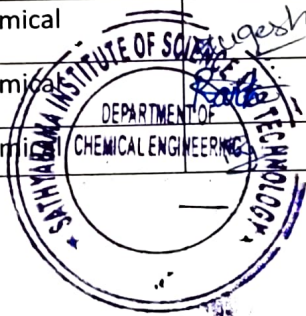
Production of biodiesel and its characterization using GCMS

LIST OF PARTICIPANTS

S.No	Name	Roll No	Department	Day1	Day 2	Day3	Day 4	Day 5
1.	ANFAS ROSHAN. P	18SCH5001	Chemical	ANFAS	ANFAS	ANFAS	ANFAS	ANFAS
2.	ARAVIND ANILKUMAR MUTTATHIL	18SCH5002	Chemical	Aravind	Aravind	Aravind	Aravind	Aravind
3.	GANNI BILVIK SRI SAI CHANDU	18SCH1001	Chemical	Sai	Sai	Sai	Sai	Sai
4.	GOWRI SHANKAR. M	18SCH5012	Chemical	gowri	gowri	gowri	gowri	gowri
5.	KARTHIKA. M	18SCH5003	Chemical	Kartika	Kartika	Kartika	Kartika	Kartika
6.	KARTHIK RAJA. S	18SCH5016	Chemical	Karthik	Karthik	Karthik	Karthik	Karthik
7.	Devan	18SCH5004	Chemical	Devan	Devan	Devan	Devan	Devan
8.	NAKKEERAN. M	18SCH5017	Chemical	NAKKEERAN	NAKKEERAN	NAKKEERAN	NAKKEERAN	NAKKEERAN
9.	POOVARASAN. S. R	18SCH9002	Chemical	Poovarasan	Poovarasan	Poovarasan	Poovarasan	Poovarasan
10.	RASHEEQA. M	1822801	Chemical	Rasheeqa	Rasheeqa	Rasheeqa	Rasheeqa	Rasheeqa

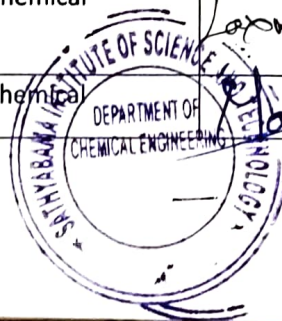


	RUBESH. R	18SCH5005	Chemical	Rubesh	Rubesh	Rubesh	Rubesh	Rubesh
12.	SHAIKH MOHD SALIM NOOMAN AHMED	18SCH1002	Chemical	Sai Ahmed	Sai Ahmed	Sai Ahmed	Sai Ahmed	Sai Ahmed
13.	SHANNON STALIN. S	18SCH5007	Chemical	Stalin	Stalin	Stalin	Stalin	Stalin
14.	SHEETAL CHANDRASEKARAN	18SCH9001	Chemical	Sheetal	Sheetal	Sheetal	Sheetal	Sheetal
15.	VISHAL. B	18SCH5013	Chemical	Vishal	Vishal	Vishal	Vishal	Vishal
16.	AJITH KUMAR.G S	18JUNCH002	Chemical	A. Kumar	A. Kumar	A. Kumar	A. Kumar	A. Kumar
17.	BALACHANDAR . G	18JUNCH012	Chemical	Balachandrar	Balachandrar	Balachandrar	Balachandrar	Balachandrar
18.	EZHILARASAN.V	18JUNCH017	Chemical	Ezhil	Ezhil	Ezhil	Ezhil	Ezhil
19.	GANDHIRAJAN.R	18JUNCH006	Chemical	Gandhi	Gandhi	Gandhi	Gandhi	Gandhi
20.	HARIKRISHNAN.M.K	18JUNCH013	Chemical	Harish	Harish	Harish	Harish	Harish
21.	KUMARAN T	18JUNCH014	Chemical	Kumar	Kumar	Kumar	Kumar	Kumar
22.	LOGESH.S	18JUNCH008	Chemical	Logesh	Logesh	Logesh	Logesh	Logesh
23.	MOHAMMED ANSARE	18JUNCH009	Chemical	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed
24.	MOHANRAJ.P	18JUNCH018	Chemical	M.Raj	M.Raj	M.Raj	M.Raj	M.Raj
25.	MUGESH J	18JUNCH020	Chemical	Mugesh	Mugesh	Mugesh	Mugesh	Mugesh
26.	PARTHIBAN K	18JUNCH016	Chemical	Parthi	Parthi	Parthi	Parthi	Parthi
27.	RAJU C	18JUNCH019	Chemical	Raj	Raj	Raj	Raj	Raj



Signature

28.	SRIKANTH.G	18JUNCH003	Chemical	Srikanth.	Srikanth.	Srikanth	Srikanth	Srikanth
29.	YOGESHWARI R	18JUNCH007	Chemical	Yogesh.	Yogesh.	Yogesh	Yogesh	Yogesh.
30.	ADHILIMAM .M .N	19S195001	Chemical	adhil	adhil	adhil	adhil	adhil
31.	ARUN K.G	19S195002	Chemical	Arun	Arun	Arun	Arun	Arun
32.	DHISHON FRANKLIN. F	19S198001	Chemical	Franklin	Franklin	Franklin	Franklin	Franklin
33.	GAYATHRI .S	19S195003	Chemical	Gay	Gay	Gay	Gay	Gay
34.	GODWIN GOPINATHAN	19S195004	Chemical	Godwin	Godwin	Godwin	Godwin	Godwin
35.	GOKUL. V	19S195027	Chemical	Gokul	Gokul	Gokul	Gokul	Gokul
36.	GOPI KRISHNAN. P	19S191002	Chemical	Gopi.P	Gopi.P	Gopi.P	Gopi.P	Gopi.P
37.	HARSHVARDHAN RATHORE	19S195005	Chemical	Harsh	Harsh	Harsh	Harsh	Harsh
38.	JAYASURIYA .R	19S191003	Chemical	R.Jayasuriya	R.Jayasuriya	R.Jayasuriya	R.Jayasuriya	R.Jayasuriya
39.	JOBIN CHACKO	19S195006	Chemical	Jobin	Jobin	Jobin	Jobin	Jobin
40.	KAVI AMUDHAN . V	19S195007	Chemical	Vikram	Vikram	Vikram	Vikram	Vikram
41.	KOWDHAM . C	19S195008	Chemical	Kowdh	Kowdh	Kowdh	Kowdh	Kowdh
42.	LALITHAMBEGAI. S	19S195009	Chemical	Lalitha.S	Lalitha.S	Lalitha.S	Lalitha.S	Lalitha.S
43.	LAXMI KANTH THANGI	19S195029	Chemical	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi
44.	MANIKANDAN .N	19S195030	Chemical	Mani	Mani	Mani	Mani	Mani



Signature

	MANIVANNAN U. S	19S195010	Chemical	Maniv. S	Maniv. S	Maniv. S	Maniv. S	Maniv. S
46.	MARK JOEVIN VINCENT	19S191004	Chemical	Vincent	Vincent	Vincent	Vincent	Vincent
47.	MOHAMED IBRAHIM. S	19S195026	Chemical	Ibrahim	Ibrahim	Ibrahim	Ibrahim	Ibrahim
48.	MOHAMMED IQBAL. A	19S199001	Chemical	Iqbal	Iqbal	Iqbal	Iqbal	Iqbal
49.	NAVDEEP . K.M	19S195011	Chemical	Navdeep	Navdeep	Navdeep	Navdeep	Navdeep
50.	NIDAMANURI MANASA	19S191005	Chemical	Manasa	Manasa	Manasa	Manasa	Manasa
51.	NITISH .S	19S195012	Chemical	Nitish	Nitish	Nitish	Nitish	Nitish
52.	NIVYA .B	19S191001	Chemical	Nivya	Nivya	Nivya	Nivya	Nivya
53.	RAGU RAM. N	19S195025	Chemical	Ram. V	Ram. V	Ram. V	Ram. V	Ram. V
54.	RAMKI .J	19S195024	Chemical	J. Ramki	J. Ramki	J. Ramki	J. Ramki	J. Ramki
55.	RAYAPATI JAYA CHANDRA	19S195028	Chemical	Jaya	Jaya	Jaya	Jaya	Jaya
56.	RISHIKIRAN. A	19S195014	Chemical	Rishikan	Rishikan	Rishikan	Rishikan	Rishikan
57.	SAKTHIVEL .A	19S195015	Chemical	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi
58.	SATISH KUMAR .K	19S195016	Chemical	Satish	Satish	Satish	Satish	Satish
59.	SHARUKA UTHAYARAJH	19S195017	Chemical	Sharuka	Sharuka	Sharuka	Sharuka	Sharuka
60.	SIDDHARTH .U	19S195018	Chemical	Siddharth	Siddharth	Siddharth	Siddharth	Siddharth





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ACCREDITED WITH ' A ' GRADE BY NAAC

JEPPIAAR NAGAR , RAJIV GANDHI SALAI , CHENNAI - 600119



"PRODUCTION OF BIODISEL AND ITS CHARACTERISATION USING GCMS"

24-07-2019 TO 21-08-2019

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 **"PRODUCTION OF BIODIESEL AND ITS CHARACTERISATION USING GCMS"** ORGANIZED BY THE 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



SATHYABAMA

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"PRODUCTION OF BIODISEL AND ITS CHARACTERISATION USING GCMS"

24-07-2019 TO 21-08-2019

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THIS IS TO CERTIFY THAT **SATISH KUMAR K** OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY HAS SUCCESSFULLY COMPLETED THE VALUE ADDED COURSE ON **"PRODUCTION OF BIODIESEL AND ITS CHARACTERISATION USING GCMS"** ORGANIZED BY THE DEPARTMENT OF CHEMICAL ENGINEERING , SCHOOL OF BIO AND CHEMICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, Chennai - 119.

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Department of Electrical and Electronics Engineering

Value Added Courses (2019-2020)

1. Automation and Control
2. Solar Power Design, Operation and Installation
3. Design and Development of Robotics
4. Design and Development of Product in Embedded Systems
5. Design of Electrical Machines and Drives

Course 1: Automation and Control



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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING
ORGANIZES
VALUE ADDED COURSE
ON
AUTOMATION AND CONTROL**

**DATE: FROM 05.08.2019 TO 09.08.2019
TIME: 08.00-03.00 PM**

**No Registration fee !!!
Certificate will be provided**

CONVENERS
DR.N.M.NANDHITHA
PROF & DEAN/EEE
DR.V.SIVACHIDAMBARANATHAN,
PROF & HEAD /EEE

RESOURCE PERSON
DR.J.BALAMURUGAN,
ASSISTANT ENGINEER, TNES
HQRS, CHENNAI

Organizers
Dr. D. Susitra, Asso. Prof/EEE
Dr. S. Radhika, Asso. Prof/EEE

Schedule for the course: Automation and Control

Date	Time	Name of the Expert & Affiliation	Topic	Contents
05.08.19	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Dr.J.Balamurugan, Assistant Engineer, TNEB HQRS, Chennai.	Automation and Control	Automation systems in the age of Industry 4.0
06.08.19		Dr.J.Balamurugan, Assistant Engineer, TNEB HQRS, Chennai.		Intelligent sensors
07.08.19		Mr.Barnabas Paul Glady, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Electrical and pneumatic actuators
08.08.19		Mr.Barnabas Paul Glady, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Field buses and OPC UA
09.08.19		Dr.Ramesh Babu, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Basic principles of PLC programming

Course Outcomes for the Course: Automation and Control

- CO1 Categorize the different types of automation systems in the age of Industry 4.0
- CO2 Select the right sensor for a given application
- CO3 Design basic building blocks for a Smart sensor
- CO4 Apply Electrical and pneumatic actuators for industrial application
- CO5 Analyze OPC UA and how does it compare with Industrial Ethernet
- CO6 Develop the code for automation using PLC

Participants List: Automation and Control

S.No	Roll No.	Name of the Student	Batch/Year	05.08.19	06.08.19	07.08.19	08.08.19	09.08.19
1.	17SEE901	AARTHIR	2017 /III Year	P	P	P	P	P
2.	17SEE902	ABIRAMI M	2017 /III Year	P	P	P	P	P
3.	17SEE946	AFASAR MYDEEN	2017 /III Year	P	P	P	P	P
4.	17SEE903	AJITHKUMARA	2017 /III Year	P	P	P	P	P
5.	17SEE001	AKASH SINGH	2017 /III Year	P	P	P	P	P
6.	17SEE904	ALAGUPRIYA S	2017 /III Year	P	A	P	P	P
7.	17SEE002	AMRUTHAM HARSHA VARDHAN	2017 /III Year	P	P	P	P	P
8.	17SEE501	ANGELIN AISHWARYA L	2017 /III Year	P	P	P	P	P
9.	17SEE801	ANURAG SRIVASTVA	2017 /III Year	P	P	A	P	P
10.	17SEE003	ANUSURI SUBRAHMANYAM	2017 /III Year	P	P	P	P	P
11.	17SEE905	ARUNA DEVI G	2017 /III Year	P	P	P	P	P
12.	17SEE004	AVINASH A	2017 /III Year	P	P	P	P	P
13.	17SEE906	BALASHANKAR M	2017 /III Year	P	P	P	P	P
14.	17SEE515	BHARATH P	2017 /III Year	P	A	P	P	P
15.	17SEE907	BHAVANA P	2017 /III Year	P	P	P	P	P
16.	17SEE908	BHAVANI C	2017 /III Year	P	P	P	P	P
17.	17SEE024	BIBHU ANAND	2017 /III Year	P	P	P	P	P
18.	17SEE909	CHANDRALEKA M	2017 /III Year	P	P	P	P	P
19.	17SEE802	CHITTAMPALLI SUSHANTH	2017 /III Year	P	P	P	P	P
20.	17SEE910	DEEPA K	2017 /III Year	P	P	P	P	P
21.	17SEE911	DEEPA S	2017 /III Year	P	A	P	P	P
22.	17SEE502	DEEPAN RAM K R	2017 /III Year	P	P	P	P	P
23.	17SEE005	DESALANKA SIVA SUBRAHMANYAM	2017 /III Year	P	P	P	P	A
24.	17SEE006	DEVERAKONDA ARUN RAO	2017 /III Year	P	P	P	P	P
25.	17SEE912	DHARSHINI D	2017 /III Year	P	P	P	P	P
26.	17SEE503	DHINESH KUMAR P S	2017 /III Year	P	P	P	P	P
27.	17SEE007	DHIVYADHARSHINI M	2017 /III Year	P	P	P	P	P



Signature of the HOD

Sample Certificates: Automation and Control





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Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

AJITHKUMAR A

has successfully participated in **Value Added Course** on "Automation and Control" organized by Sathyabama Institute of Science and Technology, Chennai from **5th August 2019 to 9th August 2019**.

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department



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SCHOOL OF ELECTRICAL AND ELECTRONICS
Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

ALAGUPRIYA S

has successfully participated in **Value Added Course** on "Automation and Control" organized by Sathyabama Institute of Science and Technology, Chennai from **5th August 2019 to 9th August 2019**.

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department



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SCHOOL OF ELECTRICAL AND ELECTRONICS
Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

LANGELIN AISHWARYA

has successfully participated in **Value Added Course** on **"Automation and Control"** organized by Sathyabama Institute of Science and Technology, Chennai from **5th August 2019 to 9th August 2019**.

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department



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SCHOOL OF ELECTRICAL AND ELECTRONICS
Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

ANUSURI SUBRAHMANYAM

has successfully participated in **Value Added Course** on **"Automation and Control"** organized by Sathyabama Institute of Science and Technology, Chennai from **5th August 2019 to 9th August 2019**.

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department

Course 2: Solar Power Design, Operation and Installation



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DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

Organizes
a
Value Added Course
on

**SOLAR POWER DESIGN, OPERATION AND
INSTALLATION**

Date : 2nd December 2019 to 6th December 2019

Resource person:
Mr.G.Rajaganesan,
Chief Technical officer-
Solar Initiatives, TATTI,
Chennai.

Conveners: Dr.N.M.Nandhitha, Dean/School of EEE
Dr.V.Sivachidambaranathan, HOD/EEE
Organizers: Dr.Sundarsingh Jebaseelan
Dr.D.Godwin Immanuel
EEE Department
Sathyabama Institute of Science and
Technology, Chennai

No Registration fee !!!
Certificate will be provided

Schedule for the course: Solar Power Design, Operation and Installation

Date	Time	Name of the Expert & Affiliation	Topic	Contents
02.12.19	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Mr.G.Rajaganesan, Chief Technical officer-Solar Initiatives, TATTI, Chennai.	Solar Power Design, Operation and Installation	Design of solar power plant
03.12.19		Mr.G.Rajaganesan, Chief Technical officer-Solar Initiatives, TATTI, Chennai.		Solar power generation
04.12.19		Mrs.Geetha, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Design, installation and operation of small, standalone photovoltaic power systems
05.12.19		Mrs.Abirami, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Modelling Photovoltaic Power
06.12.19		Mrs.Sivagami, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Added values of photovoltaic power systems

Course Outcomes for the Course: Solar Power Design, Operation and Installation

- CO1 Demonstrate solar electric system terms and concepts
- CO2 Design the layout of solar power plant
- Co3 Design, installation and operation of small, standalone photovoltaic power systems

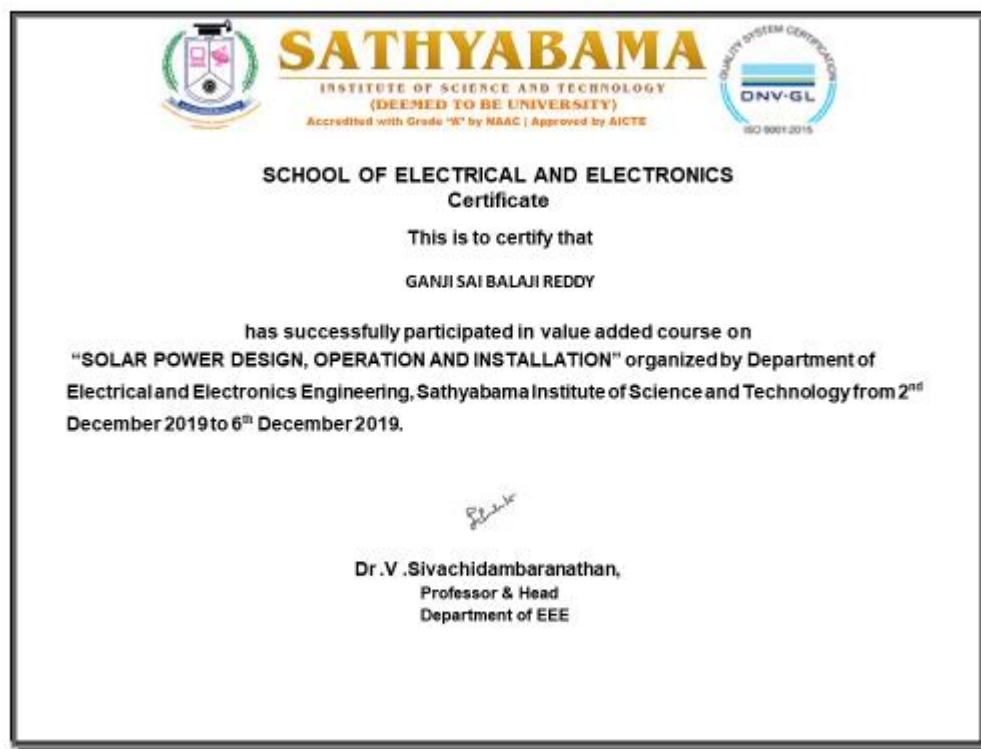
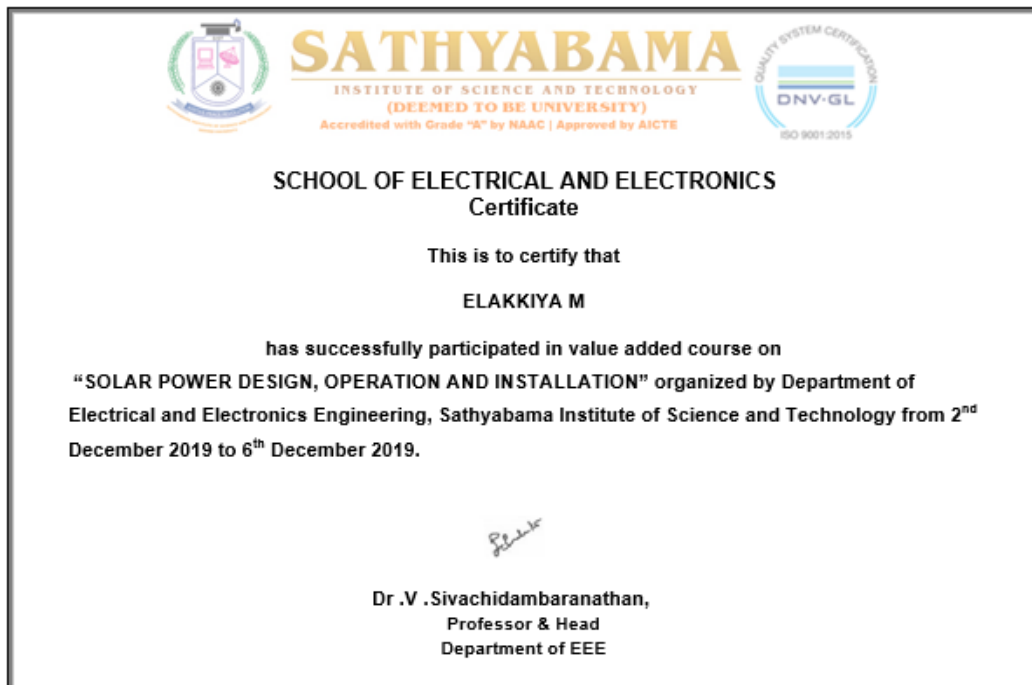
- Co3 Size and design a photovoltaic system
- CO4 Modeling Photovoltaic Power system
- CO5 Examine voltage generated by photovoltaic system
- CO6 Operation and maintenance of Solar Power Plant

Participants List: Solar Power Design, Operation and Installation

S.No	Roll No.	Name of the Student	Batch/Year	2.12.19	3.12.19	4.12.19	5.12.19	6.12.19
1.	17SEE948	ELAKKIYA M	2017 /III Year	P	P	P	P	P
2.	17SEE009	GAJJALA JOSHUA ABHISHEK KUMAR	2017 /III Year	P	P	P	P	P
3.	17SEE008	GANJI SAI BALAJI REDDY	2017 /III Year	P	P	P	P	P
4.	17SEE913	GAYATHRI V	2017 /III Year	P	P	A	P	P
5.	17SEE010	HARI HARAN	2017 /III Year	P	P	P	P	P
6.	17SEE804	HARSHA VARDHAN E	2017 /III Year	P	P	P	P	P
7.	17SEE805	HIROKJYOTI SEN	2017 /III Year	P	P	P	P	P
8.	17SEE914	JAGAN M	2017 /III Year	P	A	P	P	P
9.	17SEE915	JAYASRI M	2017 /III Year	P	P	P	P	P
10.	17SEE011	JAYASURIYA K	2017 /III Year	P	P	P	P	P
11.	17SEE512	JERSON J	2017 /III Year	P	P	P	A	P
12.	17SEE916	JOTHISHANKAR K R	2017 /III Year	P	P	P	P	P
13.	17SEE012	K ROHITH	2017 /III Year	P	P	P	P	P
14.	17SEE917	KAVITHA G	2017 /III Year	P	P	P	P	P
15.	17SEE504	KEERTHIVAASAN D K	2017 /III Year	P	P	P	P	P
16.	17SEE513	KISHAN SANGO S	2017 /III Year	P	P	A	P	P
17.	16SEE503	AJAY JOBIN. J.	2016 /IV Year	P	P	P	P	P
18.	16SEE906	AJAY STEPHEN.P.	2016 /IV Year	P	P	P	P	P
19.	16SEE021	AJAYTHA NEYHA. R.	2016 /IV Year	P	P	P	P	P
20.	16SEE002	AKSHAY KUMAR	2016 /IV Year	P	P	P	P	P
21.	16SEE003	AKULA ESWAR TATA RAO	2016 /IV Year	P	P	P	P	P
22.	16SEE952	ALLIMALAR. N.	2016 /IV Year	P	P	P	P	P
23.	16SEE925	AMBER DATTA	2016 /IV Year	P	P	P	P	P
24.	16SEE004	ARAVETI SAMHITH	2016 /IV Year	P	P	P	P	P
25.	16SEE005	ARAVETI SAMHITHA	2016 /IV Year	P	P	P	P	P
26.	16SEE504	ARUN. J.	2016 /IV Year	P	P	P	P	P
27.	16SEE006	AVANISH VIBHU	2016 /IV Year	P	P	P	P	P
28.	16SEE018	BALAJI. N.	2016 /IV Year	P	P	P	P	P
29.	16SEE953	BHARATHITAMIL. P. M.	2016 /IV Year	P	P	P	P	P
30.	16SEE954	BHAVANI. M.	2016 /IV Year	P	P	P	P	P
31.	16SEE955	BHAVYA. G. A	2016 /IV Year	P	P	P	P	P
32.	16SEE956	BHUVANESHWARI. K.	2016 /IV Year	A	P	P	P	P


 Signature of the HOD

Sample Certificates: Solar Power Design, Operation and Installation





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SCHOOL OF ELECTRICAL AND ELECTRONICS Certificate

This is to certify that

HARI HARAN

has successfully participated in value added course on
"SOLAR POWER DESIGN, OPERATION AND INSTALLATION" organized by Department of
Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 2nd
December 2019 to 6th December 2019.

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



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SCHOOL OF ELECTRICAL AND ELECTRONICS Certificate

This is to certify that

JAYASRI M

has successfully participated in value added course on
"SOLAR POWER DESIGN, OPERATION AND INSTALLATION" organized by Department of
Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 2nd
December 2019 to 6th December 2019.

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



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SCHOOL OF ELECTRICAL AND ELECTRONICS Certificate

This is to certify that

JERSON J

has successfully participated in value added course on
"SOLAR POWER DESIGN, OPERATION AND INSTALLATION" organized by Department of
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SCHOOL OF ELECTRICAL AND ELECTRONICS Certificate

This is to certify that

K ROHITH

has successfully participated in value added course on
"SOLAR POWER DESIGN, OPERATION AND INSTALLATION" organized by Department of
Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 2nd
December 2019 to 6th December 2019.

Dr. V. Sivachidambaranathan,
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SCHOOL OF ELECTRICAL AND ELECTRONICS Certificate

This is to certify that

HIROKJYOTI SEN

has successfully participated in value added course on
"SOLAR POWER DESIGN, OPERATION AND INSTALLATION" organized by Department of
Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 2nd
December 2019 to 6th December 2019.

S. V. Sivachidambaram

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

Course 3: Design and Development of Robotics



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organizes a Value Added Course on
DESIGN AND DEVELOPMENT OF ROBOTICS

Date: 6th Jan 2020 to 10th Jan 2020
Timing: 8.00 am to 3.00pm

Guest Speaker

Dr.T.S.Natarajan,
Professor, IIT Madras,
Chennai.

Conveners
Dr. N. M. Nandhitha,
Prof. & Dean / SoEE

Dr. V. Sivachidambaramathan,
Head/ EEE

Co-coordinators
Mrs. Rithuvaswari C, Asso.Prof/EEE
Dr.W.Abitha Memala, Asso.Prof/EEE

No Registration Fee

Certificate will be provided

Schedule for the Course: Design and Development of Robotics

Date	Time	Name of the Expert & Affiliation	Topic	Contents
06.01.20	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Dr.T.S.Natarajan, Professor, IIT Madras,	Design and Development of Robotics	Robotics in Indian Industry- Future Trends
07.01.20		Dr.Abitha,Associate Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Machine Learning in Robotics
08.01.20		Dr.Abitha,Associate Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Artificial Intelligence, Robotics and Its Impact on Society
09.01.20		Dr.Abitha,Associate Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Cloud Robotics
10.01.20		Mrs.Bhuvaneswari, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Hybrid Intelligence for Robotics

Course Outcomes for the Course: Design and Development of Robotics

- CO1 Organize robotics in Indian Industry- Future Trends
- CO2 Design robot mechanism using Artificial Intelligence
- CO3 Analyze the concepts of artificial intelligence and automated process planning
- CO4 Identify the appropriate Robotic configuration and list the technical specifications
- CO5 Demonstrate cloud robotics
- CO6 Develop hybrid intelligent techniques for robotic applications

Participants List: Design and Development of Robotics

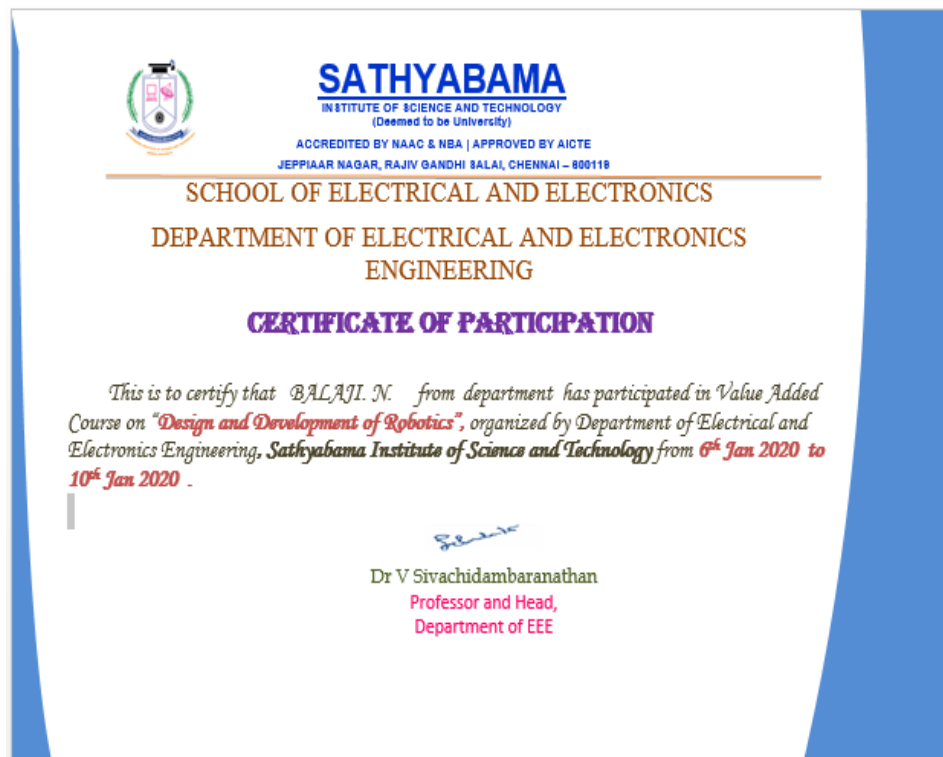
S.No	Roll No.	Name of the Student	Batch/Year	6.1.2020	7.1.2020	8.1.2020	9.1.2020	10.1.2020
1.	17SEE505	RAHUL SINGH	2017 /III Year	P	P	P	P	P
2.	17SEE947	RAJAMANICKAM G	2017 /III Year	P	P	P	P	P
3.	17SEE018	RANGOTHRISRINIVAS A SAIMANITEJA	2017 /III Year	P	P	P	P	P
4.	17SEE920	RASABATTULA LAKSHMI	2017 /III Year	P	P	P	P	P
5.	17SEE930	SANTHIYA M	2017 /III Year	P	P	A	P	P
6.	17SEE931	SANTHOSH S	2017 /III Year	P	P	P	P	P
7.	17SEE932	SARANYA R	2017 /III Year	P	P	P	P	P
8.	17SEE019	SARKAR SUDIPTA SUBRATA	2017 /III Year	P	P	P	P	P
9.	17SEE020	SATTENAPALLI VENKATA AKHIL	2017 /III Year	P	P	P	P	P
10.	17SEE021	SAYYAD SHAHID AFRIDI	2017 /III Year	P	P	P	P	P
11.	17SEE933	SHALINI R	2017 /III Year	P	P	P	P	P
12.	17SEE807	SHASHANK UKEY	2017 /III Year	P	P	P	P	P
13.	17SEE508	SHYAM SUNDAR S	2017 /III Year	A	P	P	P	P
14.	17SEE022	SINGARI SUPRIYA	2017 /III Year	P	P	P	P	P
15.	17SEE509	SIRIGI REDDY NIKHILESWAR REDDY	2017 /III Year	P	P	A	P	P
16.	17SEE934	SNEHAA	2017 /III Year	P	P	P	P	P
17.	17SEE935	SRIRAM V	2017 /III Year	P	P	P	P	P
18.	17SEE510	SRIVISHNU R	2017 /III Year	P	P	P	P	P
19.	17SEE942	SUBBULAKSHMI M	2017 /III Year	P	P	P	P	P
20.	17SEE936	SUNDARRAJ R	2017 /III Year	P	P	P	P	P
21.	17SEE023	SURYAPRAKASH S	2017 /III Year	P	P	P	P	P
22.	17SEE937	SWATHI V	2017 /III Year	P	P	P	P	P
23.	16SEE018	BALAJI. N.	2016 /IV Year	P	P	P	P	P
24.	16SEE953	BHARATHITAMIL. P. M.	2016 /IV Year	P	P	P	P	P
25.	16SEE954	BHAVANI. M.	2016 /IV Year	P	P	P	P	P
26.	16SEE955	BHAVYA. G. A.	2016 /IV Year	P	P	P	P	P
27.	16SEE956	BHUVANESHWARI. K.	2016 /IV Year	P	P	P	P	P
28.	16SEE007	BURUGULAVYSHNAVI	2016 /IV Year	P	P	P	P	P
29.	16SEE957	CHENNAMMA V.	2016 /IV Year	P	P	P	P	P
30.	16SEE025	CHITTURI VENKATA KISHORE	2016 /IV Year	P	P	P	P	P
31.	16SEE801	DEBANJALEE ROY	2016 /IV Year	P	P	P	P	P
32.	16SEE958	DHANALAKSHMI. S.	2016 /IV Year	P	P	P	P	P
33.	16SEE959	DHANUSH. R.	2016 /IV Year	P	P	A	P	P
34.	16SEE960	DIVYADHARSHINI. G.	2016 /IV Year	P	P	P	P	P
35.	16SEE008	DONIPARTHI SRINIVASA SAI SUMANTH	2016 /IV Year	P	P	P	P	A

36.	16SEE916	DUWARAGA W.	2016 /IV Year	P	P	P	P	P
37.	16SEE027	GIRIDHAR. V. S.	2016 /IV Year	P	P	P	P	P
38.	16SEE505	GOKULNATH H. S.	2016 /IV Year	P	A	P	P	P
39.	16SEE009	GOPAL JEE KESHRI	2016 /IV Year	P	P	P	P	P
40.	16SEE010	GOPANU RUSHENDRA	2016 /IV Year	P	P	P	P	P
41.	16SEE011	GURRALA TIRUPATHI NARASIMHA REDDY	2016 /IV Year	P	P	P	A	P
42.	16SEE012	GURRAM VINAY	2016 /IV Year	A	P	P	P	P



Signature of the HOD

Sample Certificates: Design and Development of Robotics





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DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that SHALINI R from department has participated in Value Added Course on "Design and Development of Robotics", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 6th Jan 2020 to 10th Jan 2020.

Dr V
Sivachidambaranathan
Professor and Head,
Department of EEE



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DEPARTMENT OF ELECTRICAL AND
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This is to certify that RANGOTHRISRINIVASA SAIMANITEJA from department has participated in Value Added Course on "Design and Development of Robotics", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 6th Jan 2020 to 10th Jan 2020.

Dr V
Sivachidambaranathan
Professor and Head,
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DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING

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This is to certify that RAHUL SINGH from department has participated in Value Added Course on "Design and Development of Robotics", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 6th Jan 2020 to 10th Jan 2020.

Dr V
Sivachidambaramanathan
Professor and Head,
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CERTIFICATE OF PARTICIPATION

This is to certify that SANTHIYA M from department has participated in Value Added Course on "Design and Development of Robotics", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 6th Jan 2020 to 10th Jan 2020.

Dr V
Sivachidambaramanathan
Professor and Head,
Department of EEE



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CERTIFICATE OF PARTICIPATION

This is to certify that SARANYA R from department has participated in Value Added Course on "Design and Development of Robotics", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 6th Jan 2020 to 10th Jan 2020.

Dr V
Sivachidambaranathan
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that SHYAM SUNDAR S from department has participated in Value Added Course on "Design and Development of Robotics", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 6th Jan 2020 to 10th Jan 2020.

Dr V
Sivachidambaranathan
Professor and Head,
Department of EEE



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DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

*This is to certify that SIRIGI REDDY NIKHILESWAR REDDY from department
has participated in Value Added Course on "**Design and Development of Robotics**",
organized by Department of Electrical and Electronics Engineering, **Sathyabama Institute
of Science and Technology** from **6th Jan 2020 to 10th Jan 2020**.*

Dr V
Sivachidambaranathan
Professor and Head,
Department of EEE

Course 4: Design and Development of Product in Embedded Systems


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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING
ORGANIZES
VALUE ADDED COURSE
ON
DESIGN AND DEVELOPMENT OF PRODUCT IN EMBEDDED
SYSTEMS**

**DATE: FROM 17.02.20-21.02.20
TIME: 08.00-03.00 PM**

No Registration fee!!!
Certificate will be provided

CONVENERS
DR.N.M.NANDHITHA
PROF. & DEAN/EEE
DR.V.SIVACHIDAMBARANATHAN,
PROF. AHEAD /EEE
RESOURCE PERSON
MR.CHUNCHUN KUMAR
VEDAMRIT TECHNOLOGY SOLUTIONS
CHENNAI.

Organizers
Mr.D.N.S.Ravikumar, Asst. Prof/EEE
Mr.V.Semthil Nayagam, Asst. Prof/EEE
Dr.Radhika, Asso.Prof/EEE

Schedule for the Course: Design and Development of Product in Embedded Systems

Date	Time	Name of the Expert & Affiliation	Topic	Contents
17.02.20	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Mr.chunchunkumar Vedamrit technology solutions,Chennai.	Design and Development of Product in Embedded Systems	Mobile Robots in Mine Rescue and Recovery
18.02.20		Mr.chunchunkumar Vedamrit technology solutions,Chennai.		Speed Limit of Vehicle
19.02.20		Mr.D.N.S.Ravikumar, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Voice Dialer for Phone
20.02.20		Mr.V.Semthil Nayagam, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Line Sensing Robotic Car
21.02.20		Mr.V.Semthil Nayagam, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Mobile Based Robot

Course Outcomes for the Course: Design and Development of Product in Embedded Systems

- CO1 Develop mobile robots in mine rescue and recovery
- CO2 Describe speed limits setting for Vehicle.
- CO3 Identify Industrial Robots, Grippers, Sensors and Actuators based on the application and technical specifications.
- CO4 Design voice dialer for phone
- CO5 Determine the key parameters for designing line sensing robotic car
- CO6 Create mobile based robot

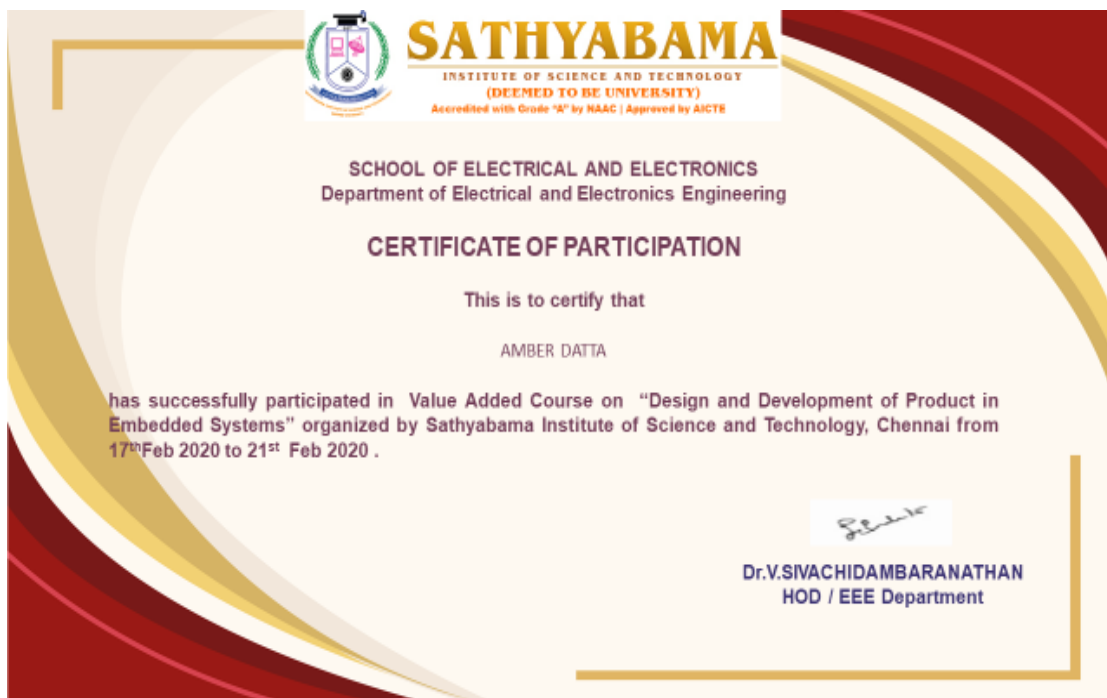
Participant List: Design and Development of Product in Embedded Systems

S.No	Roll No.	Name of the Student	Batch/Year	17.2.2020	18.2.2020	19.2.2020	20.2.2020	21.2.2020
1.	16SEE925	AMBER DATTA	2016 /IV Year	P	P	P	P	P
2.	16SEE004	ARAVETI SAMHITH	2016 /IV Year	P	P	P	P	P
3.	16SEE005	ARAVETI SAMHITHA	2016 /IV Year	P	P	A	P	P
4.	16SEE504	ARUN. J.	2016 /IV Year	P	P	P	P	P
5.	16SEE006	AVANISH VIBHU	2016 /IV Year	P	P	P	P	P
6.	16SEE018	BALAJI. N.	2016 /IV Year	P	P	P	P	P
7.	16SEE953	BHARATHITAMIL. P. M.	2016 /IV Year	A	P	P	P	P
8.	16SEE954	BHAVANI. M.	2016 /IV Year	P	P	P	P	P
9.	16SEE955	BHAVYA G. A.	2016 /IV Year	P	P	A	P	P
10.	16SEE956	BHUVANESHWARI. K.	2016 /IV Year	P	P	P	P	P
11.	16SEE007	BURUGULAVYSHNAVI	2016 /IV Year	A	P	P	P	P
12.	16SEE957	CHENNAMMA V.	2016 /IV Year	P	P	P	P	P
13.	16SEE025	CHITTURI VENKATA KISHORE	2016 /IV Year	P	P	P	P	P
14.	17SEE930	SANTHIYA M	2017 / III Year	P	P	P	P	P
15.	17SEE931	SANTHOSH S	2017 / III Year	P	P	P	P	P
16.	17SEE932	SARANYA R	2017 / III Year	P	P	A	P	P
17.	17SEE019	SARKAR SUDIPTA SUBRATA	2017 / III Year	P	P	P	P	P
18.	17SEE020	SATTENAPALLI VENKATA AKHIL	2017 / III Year	P	P	P	P	P
19.	17SEE021	SAYYAD SHAHID AFRIDI	2017 / III Year	A	P	P	P	P



Signature of the HOD

Sample Certificates: Design and Development of Product in Embedded Systems





SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

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SCHOOL OF ELECTRICAL AND ELECTRONICS
Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

ARAVETI SAMHITHA

has successfully participated in Value Added Course on "Design and Development of Product in Embedded Systems" organized by Sathyabama Institute of Science and Technology, Chennai from 17th Feb 2020 to 21st Feb 2020 .

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department



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SCHOOL OF ELECTRICAL AND ELECTRONICS
Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

ARUN. J.

has successfully participated in Value Added Course on "Design and Development of Product in Embedded Systems" organized by Sathyabama Institute of Science and Technology, Chennai from 17th Feb 2020 to 21st Feb 2020 .

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department



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SCHOOL OF ELECTRICAL AND ELECTRONICS
Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

BALAJI, N

has successfully participated in Value Added Course on "Design and Development of Product in Embedded Systems" organized by Sathyabama Institute of Science and Technology, Chennai from 17th Feb 2020 to 21st Feb 2020 .

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department



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SCHOOL OF ELECTRICAL AND ELECTRONICS
Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

BHAVANI, M.

has successfully participated in Value Added Course on "Design and Development of Product in Embedded Systems" organized by Sathyabama Institute of Science and Technology, Chennai from 17th Feb 2020 to 21st Feb 2020 .

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department

Course 5: Design of Electrical Machines and Drives



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SCHOOL OF ELECTRICAL AND ELECTRONICS
DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

Organizes
a
Value Added Course
on

Design of Electrical Machines and Drives

Date : From 09.03.20 to 14.03.20

Resource person:
Mr.M.Parasuram
Application Engineer,
Axis Global Automation,
Chennai.

Conveners:
Dr.N.M.Nandhitha, Dean/School of EEE
Dr.V.Sivachidambaramathan, HOD/EEE

Organizers:
Dr.Ramesh Babu
Mr.Barnabas Paul Gladys
EEE Department
Sathyabama Institute of Science
and Technology, Chennai

No Registration fee !!!
Certificate will be provided

Schedule for the Course: Design of Electrical Machines and Drives

Date	Time	Name of the Expert & Affiliation	Topic	Contents
09.03.20	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Mr.M.Parasuram Application Engineer, Axis Global Automation, Chennai.	Design of Electrical Machines and Drives	Renewable Energy
11.03.20		Mr.M.Parasuram Application Engineer, Axis Global Automation, Chennai.		Ultrasonic Motor
12.03.20		Dr.Ramesh Babu, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Power Theft Detection
13.03.20		Dr.V.Sundarrajan, Associate Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Wireless Electricity
14.03.20		Mr.Barnabas Paul Glady, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Automatic Meter Reading

Course Outcomes for the Course: Design of Electrical Machines and Drives

- CO1 Summarize the concepts of various renewable energy resources
- CO2 Demonstrate the concept of Ultrasonic Motor
- CO3 Identify the various components for integration of theft detection
- CO4 Design power theft detection
- CO5 Demonstrate wireless electricity
- CO6 Develop automatic meter reading system

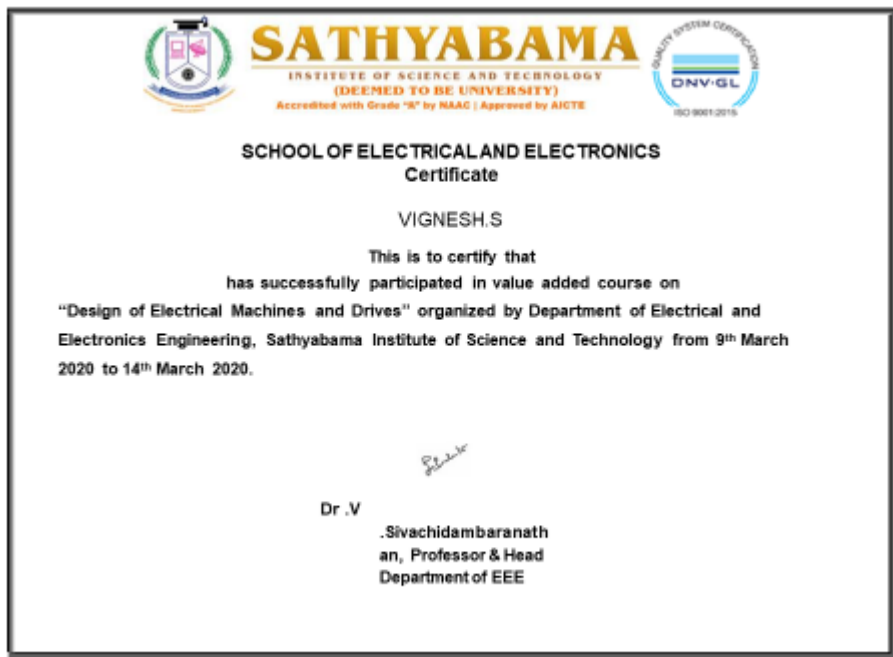
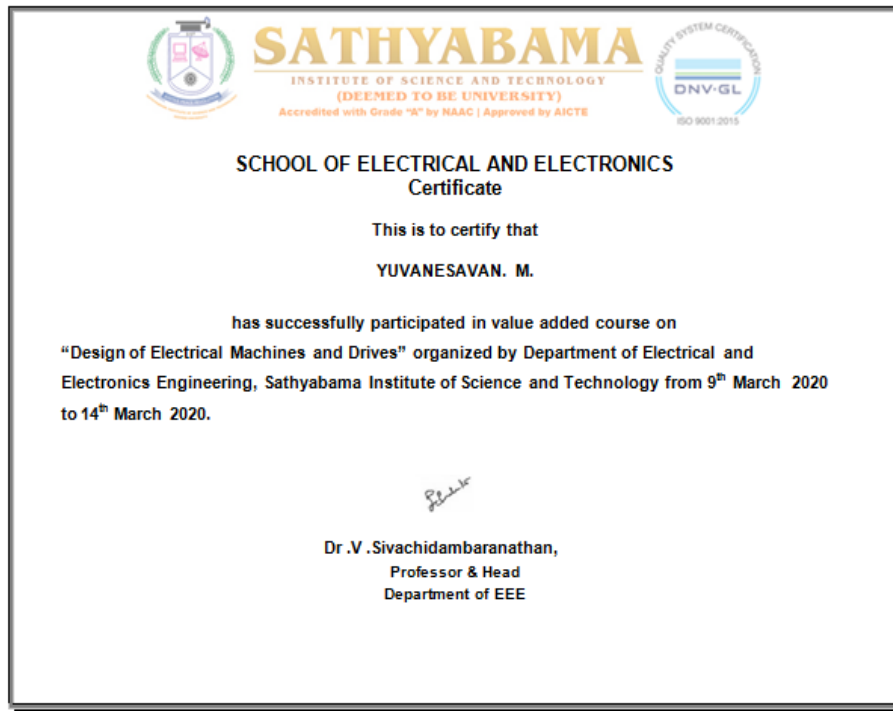
Participant List: Design of Electrical Machines and Drives

S.No	Roll No.	Name of the Student	Batch/Year	9.3.2020	11.3.2020	12.3.2020	13.3.2020	14.3.20
1.	16SEE901	VENISHETTYAKSHAY	2016 /IV Year	P	P	P	P	P
2.	16SEE026	VIGNESH. S.	2016 /IV Year	P	P	P	P	P
3.	16SEE978	VIJAYAKUMAR. S.	2016 /IV Year	P	P	P	P	P
4.	16SEE979	VINITHA B.	2016 /IV Year	P	P	P	P	P
5.	16SEE805	VINITHA I.	2016 /IV Year	P	P	P	P	P
6.	16SEE806	VJDAVAGANDLA DEEPA VANI	2016 /IV Year	P	P	A	P	P
7.	16SEE907	YADHANAPARTHI SAIKRISHNA	2016 /IV Year	P	P	P	P	P
8.	16SEE980	YAMUNA M.	2016 /IV Year	P	P	P	P	P
9.	16SEE981	YAZHINI. M.	2016 /IV Year	P	P	P	P	P
10.	16SEE520	YUVANESAVAN. M.	2016 /IV Year	P	P	P	P	P
11.	16SEE521	YUVARAJ. V.	2016 /IV Year	P	P	P	P	P
12.	16SEE527	AFSAL AHAMED. A	2016 /IV Year	A	P	P	P	P
13.	16SEE526	VINEET CHADALA VADA	2016 /IV Year	P	P	P	P	P
14.	17SLEE70 1	GADDE NAGA VAMSI	2016 /IV Year	P	P	P	P	P
15.	17SLEE70 2	ILLAM PARUTHIC	2016 /IV Year	P	P	P	P	P
16.	17SEE937	SWATHI V	2017 /III Year	P	P	A	P	P
17.	17SEE808	THADOORISANTHOSH REDDY	2017 /III Year	P	P	P	P	P
18.	17SEE938	UMAMAKESWARI M	2017 /III Year	P	P	P	P	P
19.	17SEE939	VANMATHI K	2017 /III Year	P	P	P	P	P
20.	17SEE945	VARSHA S	2017 /III Year	P	P	P	P	P
21.	17SEE511	VIJAY S	2017 /III Year	P	P	P	P	P
22.	17SEE940	VINOBA B	2017 /III Year	P	P	P	P	P
23.	18SLEE80 2	KURUBHA SHANMUKHA	2017 /III Year	P	P	P	P	P
24.	18SLEE80 3	RAM KUMAR. E	2017 /III Year	P	P	P	P	P
25.	18SLEE80 1	VOJJA MOUNIKA	2017 /III Year	A	P	P	P	P



Signature of the HOD

Sample Certificate: Design of Electrical Machines and Drives





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SCHOOL OF ELECTRICAL AND ELECTRONICS
Certificate

VINITHA.V

This is to certify that
has successfully participated in value added course on
"Design of Electrical Machines and Drives" organized by Department of Electrical and
Electronics Engineering, Sathyabama Institute of Science and Technology from 9th March
2020 to 14th March 2020.

Dr .V

.Sivachidambaranath
an, Professor & Head
Department of EEE



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SCHOOL OF ELECTRICAL AND ELECTRONICS
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Dr .V

.Sivachidambaranath
an, Professor & Head
Department of EEE



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SCHOOL OF ELECTRICAL AND ELECTRONICS
Certificate

YAZHINI.M

This is to certify that
has successfully participated in value added course on
"Design of Electrical Machines and Drives" organized by Department of Electrical and
Electronics Engineering, Sathyabama Institute of Science and Technology from 9th March
2020 to 14th March 2020.

Dr .V

.Sivachidambaranathan,
Professor & Head
Department of EEE



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School of Science and Humanities
Department of Mathematics
Organizes
Value added Course on
Basics of Quantum Mechanics with
MATLAB

Duration of the course: From June to Aug 2019

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

Registrations is free
E-Certificates will be given to participants

Register Online at:

<https://docs.google.com/forms/d/1eyWNkGnCHPc3AMroYm-WaEF1VMb71PMb0arGajaAMMci/edit>

Registrations is free
E-Certificates will be given to participants

Chief Patrons

MARIAZEENA JOHNSON, Chancellor

MARIE JOHNSON, President

LARUI SELVAN, Vice President

MARIA BERNADETTE TAMILARASI, Vice President

Patron

Dr.T.SAMPRAHA, Vice Chancellor

MPrasanna Jeyanthi, Asst Prof, Department of Mathematics

9442056967

Dr.MNirmala

HOD/Department of Mathematics

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

Syllabus and Course Schedule

Date	Topic
08.06.2019	Introduction to MATLAB and matrix operations
15.06.2019	Plotting of curves
22.06.2019	Plotting multiple Eigen functions and contour plotting
29.06.2019	Differentiation and Integration
06.07.2019	Solution of Differential Equations
13.07.2019	Numerical Solution of first order ODE
20.07.2019	Finding Laplace Transform for a given function
27.07.2019	Rotation of a given vector through an angle
03.08.2019	Solution of Linear system of equations
10.08.2019	Legendre and Bessel Functions

Course Handled by Mrs.M.Prasanna Jeyanthi
Department of Mathematics
Time: 10.00 am-1.00 pm on Saturdays

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

OUTCOMES OF BASICS OF QUANTUM MECHANICS WITH
MATLAB

OUTCOME OF THE COURSE:

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

1. How to numerically solve 1D problems to emphasize the column vector aspect of kets, the row vector aspect of bras, and the matrix aspect of operators.
2. Plotting and integrating functions in the MATLAB environment.
3. Empowered to solve real problems
4. Examine solutions for chemical trends, energy levels, bond energies, vibrational levels, and bond lengths in MATLAB.
5. Solve the quantum physics problems using MATLAB.


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

BASICS OF QUANTUM MECHANICS WITH MATLAB

June to August 2019

Attendance Sheet

S. No	Register Number	Name	08.06.2019	15.06.2019	22.06.2019	29.06.2019	06.07.2019	13.07.2019	20.07.2019	27.07.2019	03.08.2019	10.08.2019
1	3663001	P. ANNAI PRIYANKS	P	P	P	P	P	P	A	P	P	P
2	3663002	J. JENSI	P	P	P	P	P	P	P	P	P	P
3	3663003	JESSNA JOSE	P	P	P	P	A	A	P	P	P	P
4	37630001	IYYAPPAN. S	P	P	P	P	P	P	P	P	P	A
5	37630002	UDHAYSRI	P	P	P	P	P	P	P	P	P	P
6	38630001	ASHMI DEV. D. A	P	P	P	P	P	P	P	P	P	P
7	38630002	CHRISTINA PRABAKARAN	P	P	P	P	P	P	P	P	P	P
8	38630003	GOMATHI. M	P	P	P	P	P	P	A	P	P	P
9	38630004	KARUNYA. R	P	P	P	P	P	P	P	P	P	P
10	38630005	KAVIYA. D	P	P	P	P	A	A	P	P	P	P
11	38630006	KEERTHI. S	P	P	P	P	P	P	P	P	P	A
12	38630007	KOWSALYA. N	P	P	P	P	P	P	P	P	P	P
13	38630008	RAJ GAYATHRI. G	P	P	P	P	P	P	P	P	P	P
14	38630009	SAFFREN. S	P	P	P	P	P	P	P	P	P	P
15	38630010	SARADHA PRITHA. K	P	P	P	P	P	P	A	P	P	P
16	38630011	SHEARTHANA. M	P	P	P	P	P	P	P	P	P	P
17	38630012	SWETHA. J	P	P	P	P	A	A	P	P	P	P
18	38630013	THANGAKANI. J	P	P	P	P	P	P	P	P	P	A
19	39630001	ALICE JENIFER. C	P	P	P	P	P	P	P	P	P	P
20	39630002	ANANDHI. T	P	P	P	P	P	P	P	P	P	P
21	39630003	ANBY HANISTA. M	P	P	P	P	P	P	P	P	P	P
22	39630004	DIVYA. M	P	P	P	P	P	P	A	P	P	P
23	39630005	EZHILARASI. K	P	P	P	P	P	P	P	P	P	P
24	39630006	JAYALAKSHMI. K	P	P	P	P	A	A	P	P	P	P
25	39630007	MOHANAPRIYA. V	P	P	P	P	P	P	P	P	P	A
26	39630008	PAVITHRA. I	P	P	P	P	P	P	P	P	P	P
27	39630009	RADHIKA. R	P	P	P	P	P	P	P	P	P	P
28	39630010	SANJANA. R	P	P	P	P	P	P	P	P	P	P
29	39630011	SHALINI. M	P	P	P	P	P	P	P	P	P	P
30	39630012	SIVARANJANI. V	P	P	P	P	P	P	P	P	P	P


Dr. M. NIRMALA, M.Sc., M.Phil., Ph.D.,

Head of the Department

Dept. of Mathematics

Sathyabama Institute of Science and Technology
(Deemed to be University), Chennai-600 119.



SATHYABAMA

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Jeppiaar Nagar, Rajiv Gandhi Salai (OMR), Chennai – 600 119, Tamil Nadu, India



School of Science and Humanities
Certificate on Value Added Course
Basics of Quantum Mechanics with MATLAB

This is to certify that MR/MS_AsmiDev D A_____ of
Second Year M.Sc (Physics) Department of Physics has
Successfully completed the Value Added on held during the
period June to September 2019 with the Grade__A__.

DR.M.Nirmala
Co Ordinator

Mrs.M.Prasanna Jeyanthi
Course Co Ordinator



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School of Science and Humanities
Certificate on Value Added Course
Basics of Quantum Mechanics with MATLAB

This is to certify that MR/MS_CHRISTINA PRABAKARAN
of Second Year M.Sc (Physics) Department of Physics has
Successfully completed the Value Added on held during the
period June to September 2019 with the Grade__A__.

DR.M.Nirmala
Co Ordinator

Mrs.M.Prasanna Jeyanthi
Course Co Ordinator



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School of Science and Humanities
Certificate on Value Added Course
Basics of Quantum Mechanics with MATLAB

This is to certify that MR/MS_Gomathi M___ of Second Year M.Sc (Physics) Department of Physics has Successfully completed the Value Added on held during the period June to September 2019 with the Grade__B__.

DR.M.Nirmala
Co Ordinator

Mrs.M.Prasanna Jeyanthi
Course Co Ordinator



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School of Science and Humanities
Certificate on Value Added Course
Basics of Quantum Mechanics with MATLAB

This is to certify that MR/MS_Karunya R of Second Year M.Sc (Physics) Department of Physics has Successfully completed the Value Added on held during the period June to September 2019 with the Grade__B__.

DR.M.Nirmala
Convenor

Mrs.M.Prasanna Jeyanthi
Course Co Ordinator



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School of Science and Humanities
Certificate on Value Added Course
Basics of Quantum Mechanics with MATLAB

This is to certify that MR/MS_Kaviya D of Second Year M.Sc (Physics) Department of Physics has Successfully completed the Value Added **on** held during the period June to September 2019 with the Grade__B__.

DR.M.Nirmala
Co Ordinator

Mrs.M.Prasanna Jeyanthi
Course Co Ordinator



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Jeppiaar Nagar, Rajiv Gandhi Salai (OMR), Chennai – 600 119, Tamil Nadu, India



School of Science and Humanities
Certificate on Value Added Course
Basics of Quantum Mechanics with MATLAB

This is to certify that MR/Keerthi S of Second Year M.Sc (Physics) Department of Physics has Successfully completed the Value Added **on** held during the period June to September 2019 with the Grade__B__.

DR.M.Nirmala
Co Ordinator

Mrs.M.Prasanna Jeyanthi
Course Co Ordinator



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School of Science and Humanities
Certificate on Value Added Course
Basics of Quantum Mechanics with MATLAB

This is to certify that MR/MS_Kowsalya N of Second Year M.Sc (Physics) Department of Physics has Successfully completed the Value Added on held during the period June to September 2019 with the Grade__B__.

DR.M.Nirmala
Convenor

Mrs.M.Prasanna Jeyanthi
Course Co Ordinator



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Department of Electrical and Electronics Engineering

Value Added Courses (2019-2020)

- Automation and Control
- Solar Power Design, Operation and Installation
- Design and Development of Robotics
- Design and Development of Product in Embedded Systems
- Design of Electrical Machines and Drives

Course: Automation and Control



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING
ORGANIZES
VALUE ADDED COURSE
ON
AUTOMATION AND CONTROL**

**DATE: FROM 05.03.2019 TO 09.03.2019
TIME: 03.00-03.00 PM**

**No Registration fee !!!
Certificate will be provided**

CONVENERS

**DR.N.M.NANDHITHA
PROF & DEAN/EEE
DR.V.SIVACHIDAMBARANATHAN,
PROF & HEAD /EEE**

RESOURCE PERSON

**DR.J.SALAMURUGAN,
ASSISTANT ENGINEER, TNES
HQRS, CHENNAI**

Organizers

**Dr. D. Susitra, Asso. Prof/EEE
Dr. S. Radhika, Asso. Prof/EEE**

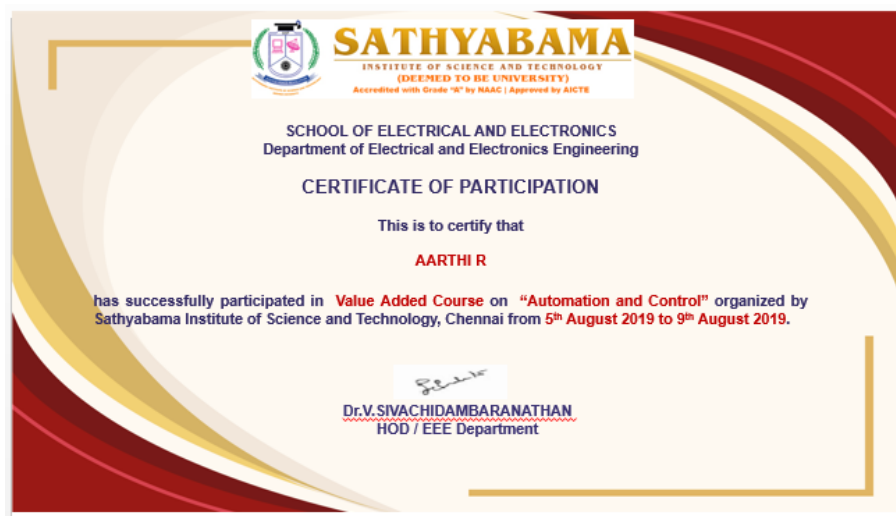
Schedule for the course: Automation and Control

Date	Time	Name of the Expert & Affiliation	Topic	Contents
05.08.19	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Dr.J.Balamurugan, Assistant Engineer, TNEB HQRS, Chennai.	Automation and Control	Automation systems in the age of Industry 4.0
06.08.19		Dr.J.Balamurugan, Assistant Engineer, TNEB HQRS, Chennai.		Intelligent sensors
07.08.19		Mr.Barnabas Paul Glady, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Electrical and pneumatic actuators
08.08.19		Mr.Barnabas Paul Glady, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Field buses and OPC UA
09.08.19		Dr.Ramesh Babu, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Basic principles of PLC programming

Course Outcomes for the Course: Automation and Control

- CO1 Categorize the different types of automation systems in the age of Industry 4.0
- CO2 Select the right sensor for a given application
- CO3 Design basic building blocks for a Smart sensor
- CO4 Apply Electrical and pneumatic actuators for industrial application
- CO5 Analyze OPC UA and how does it compare with Industrial Ethernet
- CO6 Develop the code for automation using PLC

Sample Certificates: Automation and Control





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SCHOOL OF ELECTRICAL AND ELECTRONICS
Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

ABIRAMI M

has successfully participated in **Value Added Course** on **"Automation and Control"** organized by
Sathyabama Institute of Science and Technology, Chennai from **5th August 2019 to 9th August 2019.**

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department



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SCHOOL OF ELECTRICAL AND ELECTRONICS
Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

AJITHKUMAR A

has successfully participated in **Value Added Course** on **"Automation and Control"** organized by
Sathyabama Institute of Science and Technology, Chennai from **5th August 2019 to 9th August 2019.**

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department



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SCHOOL OF ELECTRICAL AND ELECTRONICS
Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

ALAGUPRIYA S

has successfully participated in **Value Added Course** on "Automation and Control" organized by Sathyabama Institute of Science and Technology, Chennai from **5th August 2019 to 9th August 2019**.

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department



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SCHOOL OF ELECTRICAL AND ELECTRONICS
Department of Electrical and Electronics Engineering

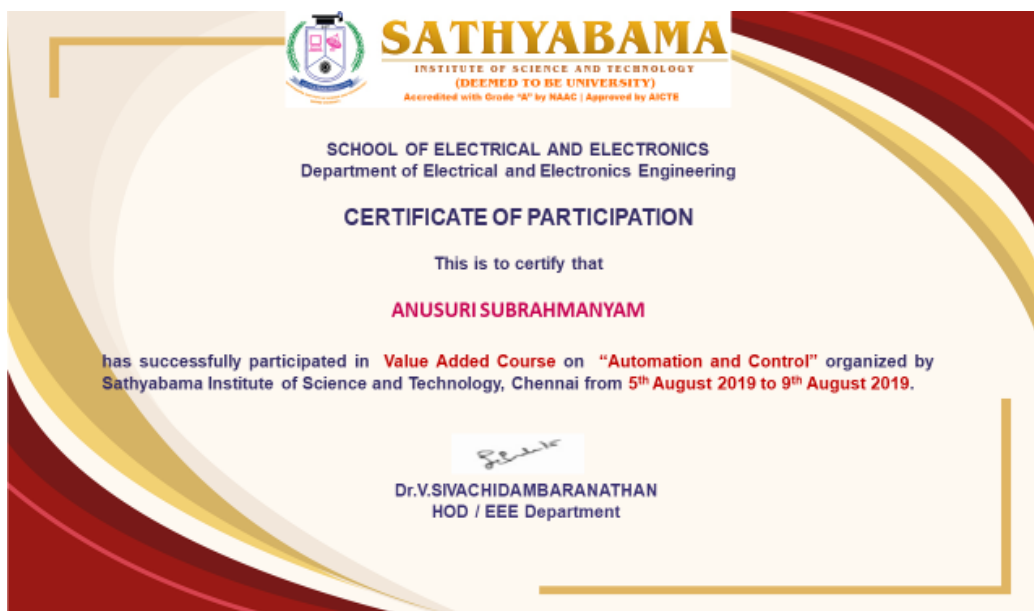
CERTIFICATE OF PARTICIPATION

This is to certify that

LANGELIN AISHWARYA

has successfully participated in **Value Added Course** on "Automation and Control" organized by Sathyabama Institute of Science and Technology, Chennai from **5th August 2019 to 9th August 2019**.

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department



Participants List: Automation and Control

S.No	Roll No.	Name of the Student	Batch/Year	05.08.19	06.08.19	07.08.19	08.08.19	09.08.19
1.	17SEE901	AARTHI R	2017 /III Year	P	P	P	P	P
2.	17SEE902	ABIRAMI M	2017 /III Year	P	P	P	P	P
3.	17SEE946	AFASAR MYDEEN	2017 /III Year	P	P	P	P	P
4.	17SEE903	AJITHKUMARA	2017 /III Year	P	P	P	P	P
5.	17SEE001	AKASH SINGH	2017 /III Year	P	P	P	P	P
6.	17SEE904	ALAGUPRIYA S	2017 /III Year	P	A	P	P	P
7.	17SEE002	AMRUTHAM HARSHA VARDHAN	2017 /III Year	P	P	P	P	P
8.	17SEE501	ANGELIN AISHWARYA L	2017 /III Year	P	P	P	P	P
9.	17SEE801	ANURAG SRIVASTVA	2017 /III Year	P	P	A	P	P
10.	17SEE003	ANUSURI SUBRAHMANYAM	2017 /III Year	P	P	P	P	P
11.	17SEE905	ARUNA DEVI G	2017 /III Year	P	P	P	P	P
12.	17SEE004	AVINASH A	2017 /III Year	P	P	P	P	P
13.	17SEE906	BALASHANKAR M	2017 /III Year	P	P	P	P	P
14.	17SEE515	BHARATH P	2017 /III Year	P	A	P	P	P
15.	17SEE907	BHAVANA P	2017 /III Year	P	P	P	P	P
16.	17SEE908	BHAVANI C	2017 /III Year	P	P	P	P	P
17.	17SEE024	BIBHU ANAND	2017 /III Year	P	P	P	P	P

18.	17SEE909	CHANDRALEKA M	2017 /III Year	P	P	P	P	P
19.	17SEE802	CHITTAMPALLI SUSHANTH	2017 /III Year	P	P	P	P	P
20.	17SEE910	DEEPA K	2017 /III Year	P	P	P	P	P
21.	17SEE911	DEEPA S	2017 /III Year	P	A	P	P	P
22.	17SEE502	DEEPAN RAM K R	2017 /III Year	P	P	P	P	P
23.	17SEE005	DESALANKA SIVA SUBRAHMANYAM	2017 /III Year	P	P	P	P	A
24.	17SEE006	DEVERAKONDA ARUN RAO	2017 /III Year	P	P	P	P	P
25.	17SEE912	DHARSHINI D	2017 /III Year	P	P	P	P	P
26.	17SEE503	DHINESH KUMAR P S	2017 /III Year	P	P	P	P	P
27.	17SEE007	DHIVYADHARSHINI M	2017 /III Year	P	P	P	P	P



Course: Automation and Control

Course: Solar Power Design, Operation and Installation



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SCHOOL OF ELECTRICAL AND ELECTRONICS
DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

Organizes
a
Value Added Course
on

**SOLAR POWER DESIGN, OPERATION AND
INSTALLATION**

Date : 2nd December 2019 to 6th December 2019

Resource person:
Mr.G.Rajaganesan,
Chief Technical officer-
Solar Initiatives, TATTI,
Chennai.

Conveners: Dr.N.M.Nandhitha, Dean/School of EEE
Dr.V.Sivachidambaranathan, HOD/EEE
Organizers: Dr.Sundarsingh Jebaseelan
Dr.D.Godwin Immanuel
EEE Department
Sathyabama Institute of Science and
Technology, Chennai

No Registration fee !!!
Certificate will be provided

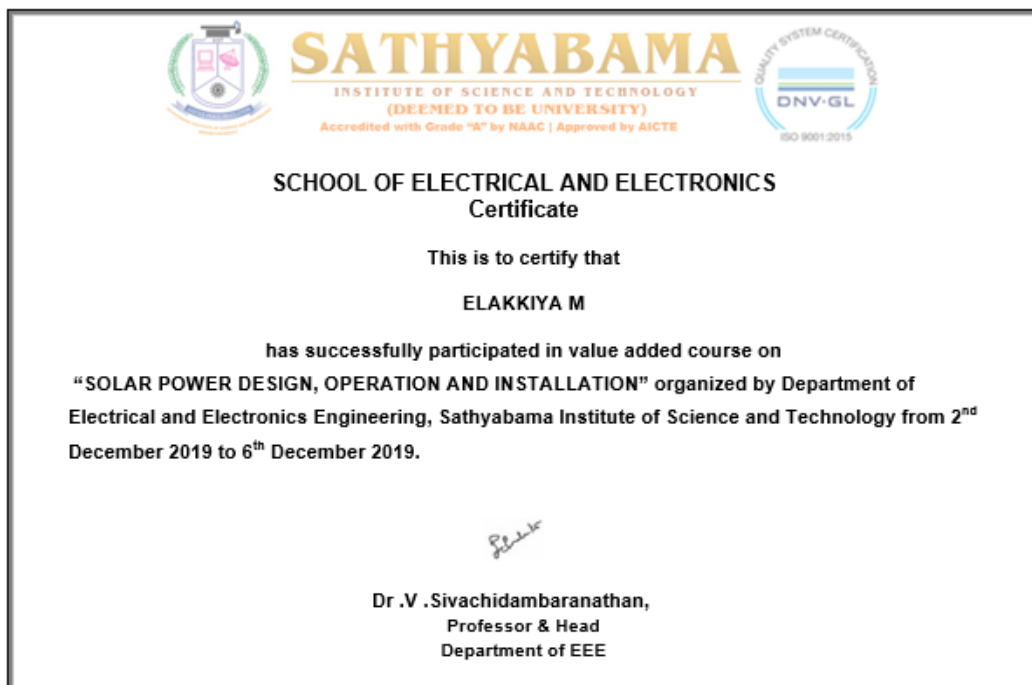
Schedule for the course: Solar Power Design, Operation and Installation

Date	Time	Name of the Expert & Affiliation	Topic	Contents
02.12.19	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Mr.G.Rajaganesan, Chief Technical officer-Solar Initiatives, TATTI, Chennai.	Solar Power Design, Operation and Installation	Design of solar power plant
03.12.19		Mr.G.Rajaganesan, Chief Technical officer-Solar Initiatives, TATTI, Chennai.		Solar power generation
04.12.19		Mrs.Geetha, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Design, installation and operation of small, standalone photovoltaic power systems
05.12.19		Mrs.Abirami, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Modelling Photovoltaic Power
06.12.19		Mrs.Sivagami, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Added values of photovoltaic power systems

Course Outcomes for the Course: Solar Power Design, Operation and Installation

- CO1 Demonstrate solar electric system terms and concepts
- CO2 Design the layout of solar power plant
- Co3 Design, installation and operation of small, standalone photovoltaic power systems
- Co3 Size and design a photovoltaic system
- CO4 Modeling Photovoltaic Power system
- CO5 Examine voltage generated by photovoltaic system
- CO6 Operation and maintenance of Solar Power Plant

Sample Certificates: Solar Power Design, Operation and Installation





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SCHOOL OF ELECTRICAL AND ELECTRONICS Certificate

This is to certify that

GANJI SAI BALAJI REDDY

has successfully participated in value added course on
"SOLAR POWER DESIGN, OPERATION AND INSTALLATION" organized by Department of
Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 2nd
December 2019 to 6th December 2019.

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



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SCHOOL OF ELECTRICAL AND ELECTRONICS Certificate

This is to certify that

HARI HARAN

has successfully participated in value added course on
"SOLAR POWER DESIGN, OPERATION AND INSTALLATION" organized by Department of
Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 2nd
December 2019 to 6th December 2019.

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



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SCHOOL OF ELECTRICAL AND ELECTRONICS Certificate

This is to certify that

JAYASRI M

has successfully participated in value added course on
"SOLAR POWER DESIGN, OPERATION AND INSTALLATION" organized by Department of
Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 2nd
December 2019 to 6th December 2019.

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



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SCHOOL OF ELECTRICAL AND ELECTRONICS Certificate

This is to certify that

JERSON J

has successfully participated in value added course on
"SOLAR POWER DESIGN, OPERATION AND INSTALLATION" organized by Department of
Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 2nd
December 2019 to 6th December 2019.

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



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SCHOOL OF ELECTRICAL AND ELECTRONICS Certificate

This is to certify that

K ROHITH

has successfully participated in value added course on
"SOLAR POWER DESIGN, OPERATION AND INSTALLATION" organized by Department of
Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 2nd
December 2019 to 6th December 2019.

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



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SCHOOL OF ELECTRICAL AND ELECTRONICS Certificate

This is to certify that

HIROKJYOTI SEN

has successfully participated in value added course on
"SOLAR POWER DESIGN, OPERATION AND INSTALLATION" organized by Department of
Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 2nd
December 2019 to 6th December 2019.

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

Participants List: Solar Power Design, Operation and Installation

S.No	Roll No.	Name of the Student	Batch/Year	2.12.19	3.12.19	4.12.19	5.12.19	6.12.19
1.	17SEE948	ELAKKIYA M	2017 /III Year	P	P	P	P	P
2.	17SEE009	GAJJALA JOSHUA ABHISHEK KUMAR	2017 /III Year	P	P	P	P	P
3.	17SEE008	GANJI SAI BALAJI REDDY	2017 /III Year	P	P	P	P	P
4.	17SEE913	GAYATHRI V	2017 /III Year	P	P	A	P	P
5.	17SEE010	HARI HARAN	2017 /III Year	P	P	P	P	P
6.	17SEE804	HARSHA VARDHAN E	2017 /III Year	P	P	P	P	P
7.	17SEE805	HIROKJYOTI SEN	2017 /III Year	P	P	P	P	P
8.	17SEE914	JAGAN M	2017 /III Year	P	A	P	P	P
9.	17SEE915	JAYASRI M	2017 /III Year	P	P	P	P	P
10.	17SEE011	JAYASURIYA K	2017 /III Year	P	P	P	P	P
11.	17SEE512	JERSON J	2017 /III Year	P	P	P	A	P
12.	17SEE916	JOTHISHANKAR K R	2017 /III Year	P	P	P	P	P
13.	17SEE012	K ROHITH	2017 /III Year	P	P	P	P	P
14.	17SEE917	KAVITHA G	2017 /III Year	P	P	P	P	P
15.	17SEE504	KEERTHIVAASAN D K	2017 /III Year	P	P	P	P	P
16.	17SEE513	KISHAN SANGO S	2017 /III Year	P	P	A	P	P
17.	16SEE503	AJAY JOBIN. J.	2016 /IV Year	P	P	P	P	P
18.	16SEE906	AJAY STEPHEN. P.	2016 /IV Year	P	P	P	P	P
19.	16SEE021	AJAYTHA NEYHA. R.	2016 /IV Year	P	P	P	P	P
20.	16SEE002	AKSHAY KUMAR	2016 /IV Year	P	P	P	P	P
21.	16SEE003	AKULA ESWAR TATA RAO	2016 /IV Year	P	P	P	P	P
22.	16SEE952	ALLIMALAR. N.	2016 /IV Year	P	P	P	P	P
23.	16SEE925	AMBER DATTA	2016 /IV Year	P	P	P	P	P
24.	16SEE004	ARAVETI SAMHITH	2016 /IV Year	P	P	P	P	P
25.	16SEE005	ARAVETI SAMHITHA	2016 /IV Year	P	P	P	P	P
26.	16SEE504	ARUN. J.	2016 /IV Year	P	P	P	P	P
27.	16SEE006	AVANISH VIBHU	2016 /IV Year	P	P	P	P	P
28.	16SEE018	BALAJI. N.	2016 /IV Year	P	P	P	P	P
29.	16SEE953	BHARATHITAMIL. P. M.	2016 /IV Year	P	P	P	P	P
30.	16SEE954	BHAVANI. M.	2016 /IV Year	P	P	P	P	P
31.	16SEE955	BHAVYA. G. A	2016 /IV Year	P	P	P	P	P
32.	16SEE956	BHUVANESHWARI. K.	2016 /IV Year	A	P	P	P	P



Course: Solar Power Design, Operation and Installation

Course: Design and Development of Robotics



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SCHOOL OF ELECTRICAL AND ELECTRONICS
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organizes a Value Added Course on

DESIGN AND DEVELOPMENT OF ROBOTICS

Date: 6th Jan 2020 to 10th Jan 2020
Timing: 8.00 am to 3.00pm

Guest Speaker

Dr.T.S.Natarajan,
Professor, IIT Madras,
Chennai.

Conveners
Dr. N. M. Nandhitha,
Prof. & Dean / SoEE

Dr. V. Sivachidambaramanathan,
Head/ EEE

Co-coordinators
Mrs. Rithuvaswari C, Ass.Prof./EEE
Dr.W.Abitha Memala, Asso.Prof./EEE

No Registration Fee

Certificate will be provided

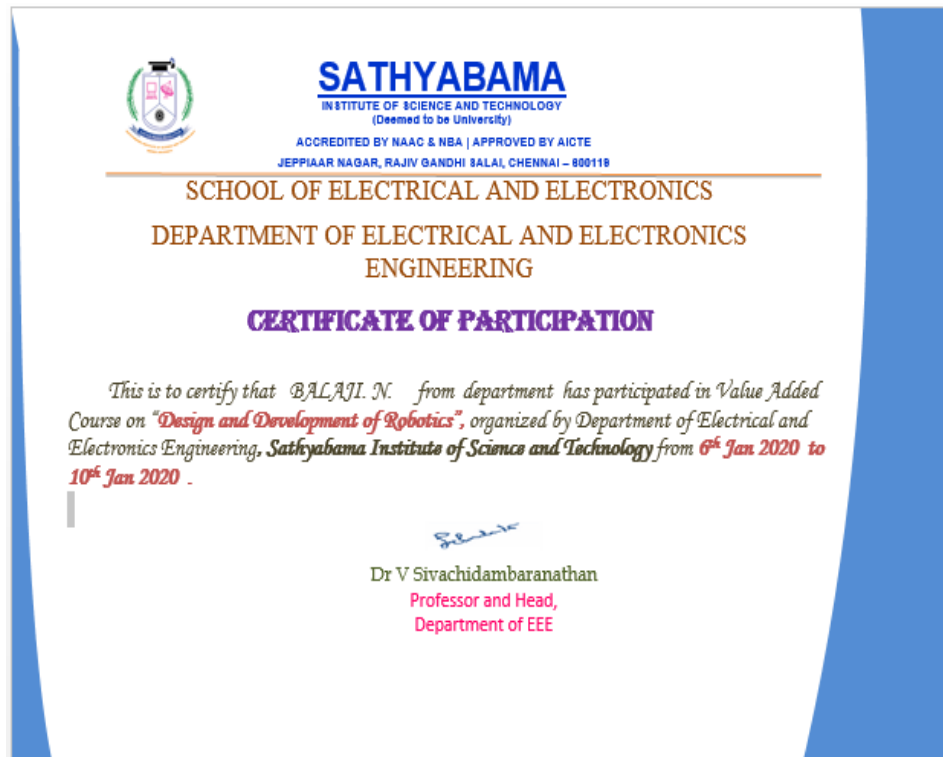
Schedule for the Course: Design and Development of Robotics

Date	Time	Name of the Expert & Affiliation	Topic	Contents
06.01.20	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Dr.T.S.Natarajan, Professor, IIT Madras,	Design and Development of Robotics	Robotics in Indian Industry- Future Trends
07.01.20		Dr.Abitha,Associate Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Machine Learning in Robotics
08.01.20		Dr.Abitha,Associate Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Artificial Intelligence, Robotics and Its Impact on Society
09.01.20		Dr.Abitha,Associate Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Cloud Robotics
10.01.20		Mrs.Bhuvaneswari, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Hybrid Intelligence for Robotics

Course Outcomes for the Course: Design and Development of Robotics

- CO1 Organize robotics in Indian Industry- Future Trends
- CO2 Design robot mechanism using Artificial Intelligence
- CO3 Analyze the concepts of artificial intelligence and automated process planning
- CO4 Identify the appropriate Robotic configuration and list the technical specifications
- CO5 Demonstrate cloud robotics
- CO6 Develop hybrid intelligent techniques for robotic applications

Sample Certificates: Design and Development of Robotics





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CHENNAI - 600119

SCHOOL OF ELECTRICAL AND ELECTRONICS

DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that SHALINI R from department has participated in Value Added Course on "Design and Development of Robotics", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 6th Jan 2020 to 10th Jan 2020.

Dr V
Sivachidambaranathan
Professor and Head,
Department of EEE



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CHENNAI - 600119

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DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that RANGOTHRISRINIVASA SAIMANITEJA from department has participated in Value Added Course on "Design and Development of Robotics", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 6th Jan 2020 to 10th Jan 2020.

Dr V
Sivachidambaranathan
Professor and Head,
Department of EEE



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CHENNAI - 600119

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DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that RAHUL SINGH from department has participated in Value Added Course on "Design and Development of Robotics", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 6th Jan 2020 to 10th Jan 2020.

Dr V
Sivachidambaramanathan
Professor and Head,
Department of EEE



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CHENNAI - 600119

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DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that SANTHIYA M from department has participated in Value Added Course on "Design and Development of Robotics", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 6th Jan 2020 to 10th Jan 2020.

Dr V
Sivachidambaramanathan
Professor and Head,
Department of EEE



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CHENNAI - 600119

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that SARANYA R from department has participated in Value Added Course on "Design and Development of Robotics", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 6th Jan 2020 to 10th Jan 2020.

Dr V
Sivachidambaranathan
Professor and Head,
Department of EEE



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CERTIFICATE OF PARTICIPATION

This is to certify that SHYAM SUNDAR S from department has participated in Value Added Course on "Design and Development of Robotics", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 6th Jan 2020 to 10th Jan 2020.

Dr V
Sivachidambaranathan
Professor and Head,
Department of EEE



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DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that SIRIGI REDDY NIKHILESWAR REDDY from department has participated in Value Added Course on "Design and Development of Robotics", organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from 6th Jan 2020 to 10th Jan 2020.

Dr V
Sivachidambaramanathan
Professor and Head,
Department of EEE

Participants List: Design and Development of Robotics

S.No	Roll No.	Name of the Student	Batch/Year	6.1.2020	7.1.2020	8.1.2020	9.1.2020	10.1.2020
1.	17SEE505	RAHUL SINGH	2017 /III Year	P	P	P	P	P
2.	17SEE947	RAJAMANICKAM G	2017 /III Year	P	P	P	P	P
3.	17SEE018	RANGOTHRISRINIVAS A SAIMANITEJA	2017 /III Year	P	P	P	P	P
4.	17SEE920	RASABATTULA LAKSHMI	2017 /III Year	P	P	P	P	P
5.	17SEE930	SANTHIYA M	2017 /III Year	P	P	A	P	P
6.	17SEE931	SANTHOSH S	2017 /III Year	P	P	P	P	P
7.	17SEE932	SARANYA R	2017 /III Year	P	P	P	P	P
8.	17SEE019	SARKAR SUDIPTA SUBRATA	2017 /III Year	P	P	P	P	P
9.	17SEE020	SATTENAPALLI VENKATA AKHIL	2017 /III Year	P	P	P	P	P
10.	17SEE021	SAYYAD SHAHID AFRIDI	2017 /III Year	P	P	P	P	P
11.	17SEE933	SHALINI R	2017 /III Year	P	P	P	P	P
12.	17SEE807	SHASHANK UKEY	2017 /III Year	P	P	P	P	P
13.	17SEE508	SHYAM SUNDAR S	2017 /III Year	A	P	P	P	P
14.	17SEE022	SINGARI SUPRIYA	2017 /III Year	P	P	P	P	P
15.	17SEE509	SIRIGI REDDY	2017 /III Year	P	P	A	P	P

		NIKHILESWAR REDDY						
16.	17SEE934	SNEHAA	2017 /III Year	P	P	P	P	P
17.	17SEE935	SRIRAM V	2017 /III Year	P	P	P	P	P
18.	17SEE510	SRIVISHNU R	2017 /III Year	P	P	P	P	P
19.	17SEE942	SUBBULAKSHMI M	2017 /III Year	P	P	P	P	P
20.	17SEE936	SUNDARRAJ R	2017 /III Year	P	P	P	P	P
21.	17SEE023	SURYAPRAKASH S	2017 /III Year	P	P	P	P	P
22.	17SEE937	SWATHI V	2017 /III Year	P	P	P	P	P
23.	16SEE018	BALAJI. N.	2016 /IV Year	P	P	P	P	P
24.	16SEE953	BHARATHITAMIL. P. M.	2016 /IV Year	P	P	P	P	P
25.	16SEE954	BHAVANI. M.	2016 /IV Year	P	P	P	P	P
26.	16SEE955	BHAVA. G. A.	2016 /IV Year	P	P	P	P	P
27.	16SEE956	BHUVANESHWARI. K.	2016 /IV Year	P	P	P	P	P
28.	16SEE007	BURUGULAVYSHNAVI	2016 /IV Year	P	P	P	P	P
29.	16SEE957	CHENNAMMA V.	2016 /IV Year	P	P	P	P	P
30.	16SEE025	CHITTURI VENKATA KISHORE	2016 /IV Year	P	P	P	P	P
31.	16SEE801	DEBANJALEE ROY	2016 /IV Year	P	P	P	P	P
32.	16SEE958	DHANALAKSHMI. S.	2016 /IV Year	P	P	P	P	P
33.	16SEE959	DHANUSH. R.	2016 /IV Year	P	P	A	P	P
34.	16SEE960	DIVYADHARSHINI. G.	2016 /IV Year	P	P	P	P	P
35.	16SEE008	DONIPARTHI SRINIVASA SAI SUMANTH	2016 /IV Year	P	P	P	P	A
36.	16SEE916	DUWARAGA W.	2016 /IV Year	P	P	P	P	P
37.	16SEE027	GIRIDHAR. V. S.	2016 /IV Year	P	P	P	P	P
38.	16SEE505	GOKULNATH. S.	2016 /IV Year	P	A	P	P	P
39.	16SEE009	GOPAL JEE KESHRI	2016 /IV Year	P	P	P	P	P
40.	16SEE010	GOPANU RUSHENDRA	2016 /IV Year	P	P	P	P	P
41.	16SEE011	GURRALA TIRUPATHI NARASIMHA REDDY	2016 /IV Year	P	P	P	A	P
42.	16SEE012	GURRAM VINAY	2016 /IV Year	A	P	P	P	P



Course: Design and Development of Robotics

Course: Design and Development of Product in Embedded Systems



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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**
ORGANIZES
VALUE ADDED COURSE
ON
**DESIGN AND DEVELOPMENT OF PRODUCT IN EMBEDDED
SYSTEMS**

DATE: FROM 17.02.20-21.02.20
TIME: 08.00-03.00 PM

No Registration fee!!!
Certificate will be provided

CONVENERS
DR.N.M.NANDHITHA
PROF & DEAN/EEE
DR.V.SIVACHIDAMBARANATHAN,
PROF & HEAD /EEE
RESOURCE PERSON
MR.CHUNCHUN KUMAR
VEDAMRIT TECHNOLOGY SOLUTIONS
CHENNAI

Organizers
Mr.D.N.S.Ravikumar, Asst. Prof/EEE
Mr.V.Semthil Nayagam, Asst. Prof/EEE
Dr.Radhika, Asso.Prof/EEE

Schedule for the Course: Design and Development of Product in Embedded Systems

Date	Time	Name of the Expert & Affiliation	Topic	Contents
17.02.20	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Mr.chunchunkumar Vedamrit technology solutions,Chennai.	Design and Development of Product in Embedded Systems	Mobile Robots in Mine Rescue and Recovery
18.02.20		Mr.chunchunkumar Vedamrit technology solutions,Chennai.		Speed Limit of Vehicle
19.02.20		Mr.D.N.S.Ravikumar, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Voice Dialer for Phone
20.02.20		Mr.V.Semthil Nayagam, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Line Sensing Robotic Car
21.02.20		Mr.V.Semthil Nayagam, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Mobile Based Robot

Course Outcomes for the Course: Design and Development of Product in Embedded Systems

- CO1 Develop mobile robots in mine rescue and recovery
- CO2 Describe speed limits setting for Vehicle.
- CO3 Identify Industrial Robots, Grippers, Sensors and Actuators based on the application and technical specifications.
- CO4 Design voice dialer for phone
- CO5 Determine the key parameters for designing line sensing robotic car
- CO6 Create mobile based robot

Sample Certificates: Design and Development of Product in Embedded Systems





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Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

ARAVETI SAMHITHA

has successfully participated in Value Added Course on "Design and Development of Product in Embedded Systems" organized by Sathyabama Institute of Science and Technology, Chennai from 17th Feb 2020 to 21st Feb 2020 .

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department



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Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

ARUN. J.

has successfully participated in Value Added Course on "Design and Development of Product in Embedded Systems" organized by Sathyabama Institute of Science and Technology, Chennai from 17th Feb 2020 to 21st Feb 2020 .

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department



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Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

BALAJI, N

has successfully participated in Value Added Course on "Design and Development of Product in Embedded Systems" organized by Sathyabama Institute of Science and Technology, Chennai from 17th Feb 2020 to 21st Feb 2020 .

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department



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SCHOOL OF ELECTRICAL AND ELECTRONICS
Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

BHAVANI, M.

has successfully participated in Value Added Course on "Design and Development of Product in Embedded Systems" organized by Sathyabama Institute of Science and Technology, Chennai from 17th Feb 2020 to 21st Feb 2020 .

Dr.V.SIVACHIDAMBARANATHAN
HOD / EEE Department

Participant List: Design and Development of Product in Embedded Systems

S.No	Roll No.	Name of the Student	Batch/Year	17.2.2020	18.2.2020	19.2.2020	20.2.2020	21.2.2020
1.	16SEE925	AMBER DATTA	2016 /IV Year	P	P	P	P	P
2.	16SEE004	ARAVETI SAMHITH	2016 /IV Year	P	P	P	P	P
3.	16SEE005	ARAVETI SAMHITHA	2016 /IV Year	P	P	A	P	P
4.	16SEE504	ARUN. J.	2016 /IV Year	P	P	P	P	P
5.	16SEE006	AVANISH VIBHU	2016 /IV Year	P	P	P	P	P
6.	16SEE018	BALAJI. N.	2016 /IV Year	P	P	P	P	P
7.	16SEE953	BHARATHITAMIL. P. M.	2016 /IV Year	A	P	P	P	P
8.	16SEE954	BHAVANI. M.	2016 /IV Year	P	P	P	P	P
9.	16SEE955	BHAVYA. G. A.	2016 /IV Year	P	P	A	P	P
10.	16SEE956	BHUVANESHWARI. K.	2016 /IV Year	P	P	P	P	P
11.	16SEE007	BURUGULAVYSHNAVI	2016 /IV Year	A	P	P	P	P
12.	16SEE957	CHENNAMMA V.	2016 /IV Year	P	P	P	P	P
13.	16SEE025	CHITTURI VENKATA KISHORE	2016 /IV Year	P	P	P	P	P
14.	17SEE930	SANTHIYA M	2017 / III Year	P	P	P	P	P
15.	17SEE931	SANTHOSH S	2017 / III Year	P	P	P	P	P
16.	17SEE932	SARANYA R	2017 / III Year	P	P	A	P	P
17.	17SEE019	SARKAR SUDIPTA SUBRATA	2017 / III Year	P	P	P	P	P
18.	17SEE020	SATTENAPALLI VENKATA AKHIL	2017 / III Year	P	P	P	P	P
19.	17SEE021	SAYYAD SHAHID AFRIDI	2017 / III Year	A	P	P	P	P

Course: Design of Electrical Machines and Drives



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SCHOOL OF ELECTRICAL AND ELECTRONICS
DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

Organizes
a
Value Added Course
on

Design of Electrical Machines and Drives

Date : From 09.03.20 to 14.03.20

Resource person:
Mr.M.Parasuram
Application Engineer,
Axis Global Automation,
Chennai.

Conveners:
Dr.N.M.Nandhlitha, Dean/School of EEE
Dr.V.Sivachidambaranathan, HOD/EEE

Organizers:
Dr.Ramesh Babu
Mr.Barnabas Paul Gladys
EEE Department
Sathyabama Institute of Science
and Technology, Chennai

No Registration fee !!!
Certificate will be provided

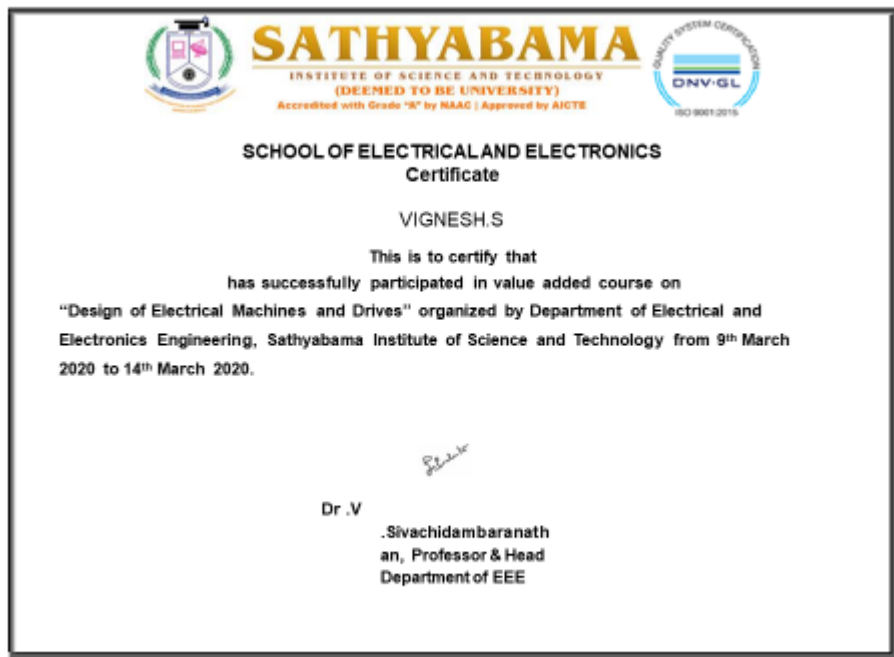
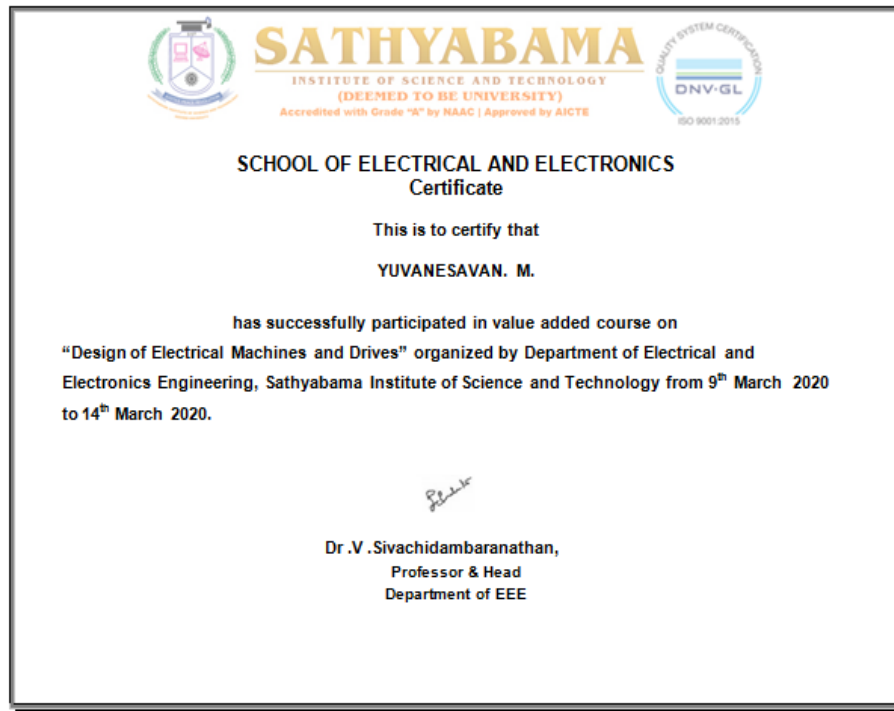
Schedule for the Course: Design of Electrical Machines and Drives

Date	Time	Name of the Expert & Affiliation	Topic	Contents
09.03.20	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Mr.M.Parasuram Application Engineer, Axis Global Automation, Chennai.	Design of Electrical Machines and Drives	Renewable Energy
11.03.20		Mr.M.Parasuram Application Engineer, Axis Global Automation, Chennai.		Ultrasonic Motor
12.03.20		Dr.Ramesh Babu, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Power Theft Detection
13.03.20		Dr.V.Sundarrajan, Associate Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Wireless Electricity
14.03.20		Mr.Barnabas Paul Gladly, Assistant Professor, EEE, Sathyabama Institute of Science and Technology, Chennai.		Automatic Meter Reading

Course Outcomes for the Course: Design of Electrical Machines and Drives

- CO1 Summarize the concepts of various renewable energy resources
- CO2 Demonstrate the concept of Ultrasonic Motor
- CO3 Identify the various components for integration of theft detection
- CO4 Design power theft detection
- CO5 Demonstrate wireless electricity
- CO6 Develop automatic meter reading system

Sample Certificate: Design of Electrical Machines and Drives





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SCHOOL OF ELECTRICAL AND ELECTRONICS
Certificate

VINITHA.V

This is to certify that
has successfully participated in value added course on
"Design of Electrical Machines and Drives" organized by Department of Electrical and
Electronics Engineering, Sathyabama Institute of Science and Technology from 9th March
2020 to 14th March 2020.

Dr .V

.Sivachidambaranath
an, Professor & Head
Department of EEE



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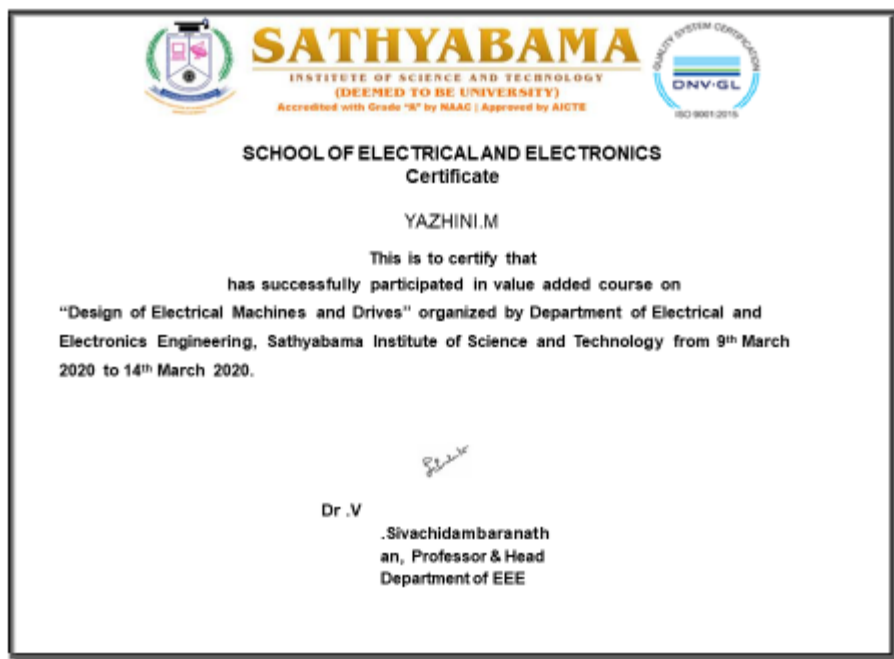
SCHOOL OF ELECTRICAL AND ELECTRONICS
Certificate

VINITHA.I.

This is to certify that
has successfully participated in value added course on
"Design of Electrical Machines and Drives" organized by Department of Electrical and
Electronics Engineering, Sathyabama Institute of Science and Technology from 9th March
2020 to 14th March 2020.

Dr .V

.Sivachidambaranath
an, Professor & Head
Department of EEE



Participant List: Design of Electrical Machines and Drives

S.No	Roll No.	Name of the Student	Batch/Year	9.3.2020	11.3.2020	12.3.2020	13.3.2020	14.3.20
1.	16SEE901	VENISHETTYAKSHAY	2016 /IV Year	P	P	P	P	P
2.	16SEE026	VIGNESH. S.	2016 /IV Year	P	P	P	P	P
3.	16SEE978	VIJAYAKUMAR. S.	2016 /IV Year	P	P	P	P	P
4.	16SEE979	VINITHA. B.	2016 /IV Year	P	P	P	P	P
5.	16SEE805	VINITHA. I.	2016 /IV Year	P	P	P	P	P
6.	16SEE806	VJDAVAGANDLA DEEPA VANI	2016 /IV Year	P	P	A	P	P
7.	16SEE907	YADHANAPARTHI SAIKRISHNA	2016 /IV Year	P	P	P	P	P
8.	16SEE980	YAMUNA. M.	2016 /IV Year	P	P	P	P	P
9.	16SEE981	YAZHINI. M.	2016 /IV Year	P	P	P	P	P
10.	16SEE520	YUVANESAVAN. M.	2016 /IV Year	P	P	P	P	P
11.	16SEE521	YUVARAJ. V.	2016 /IV Year	P	P	P	P	P
12.	16SEE527	AFSAL AHAMED. A.	2016 /IV Year	A	P	P	P	P
13.	16SEE526	VINEET CHADALAVADA	2016 /IV Year	P	P	P	P	P
14.	17SLEE70 1	GADDE NAGA VAMSI	2016 /IV Year	P	P	P	P	P
15.	17SLEE70 2	ILLAM PARUTHIC	2016 /IV Year	P	P	P	P	P
16.	17SEE937	SWATHI V	2017 /III Year	P	P	A	P	P
17.	17SEE808	THADOORISANTHOSH REDDY	2017 /III Year	P	P	P	P	P
18.	17SEE938	UMAMAKESWARI M	2017 /III Year	P	P	P	P	P

19.	17SEE939	VANMATHI K	2017 /III Year	P	P	P	P	P
20.	17SEE945	VARSHA S	2017 /III Year	P	P	P	P	P
21.	17SEE511	VIJAY S	2017 /III Year	P	P	P	P	P
22.	17SEE940	VINOBA B	2017 /III Year	P	P	P	P	P
23.	18SLEE80 2	KURUBHA SHANMUKHA	2017 /III Year	P	P	P	P	P
24.	18SLEE80 3	RAM KUMAR. E	2017 /III Year	P	P	P	P	P
25.	18SLEE80 1	VOJJA MOUNIKA	2017 /III Year	A	P	P	P	P



Course: Design of Electrical Machines and Drives



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Department of Electrical and Electronics Engineering

Value Added Courses (2020-2021)

- Electric and Hybrid Vehicle Technology
- Design of Solar Photovoltaic System
- Factory Automation using PLC
- Energy Conservation, Management and Audit
- Hands on Training in ECAD

Course: Electric and Hybrid Vehicle Technology



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING
ORGANIZES
VALUE ADDED COURSE
ON
ELECTRIC AND HYBRID VEHICLE
TECHNOLOGY**

**DATE: FROM 06.07.2021 TO 10.07.2021
TIME: 08.00-03.00 PM**

**No Registration fee!!!
Certificate will be provided**

CONVENERS

**DR.N.M.NANDHITHA
PROF & DEAN/EEE
DR.V.SIVACHIDAMBARANATHAN,
PROF & HEAD /EEE**

RESOURCE PERSON

**V.RATTAN KUMAR,
ASSISTANT PROFESSOR (SR-II)
AARUPADAI VEEEDU INSTITUTE OF TECHNOLOGY,
CHENNAI**

Organizers

**Dr. D. Susitra, Asso. Prof/EEE
Dr. S. Radhika, Asso. Prof/EEE**

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.

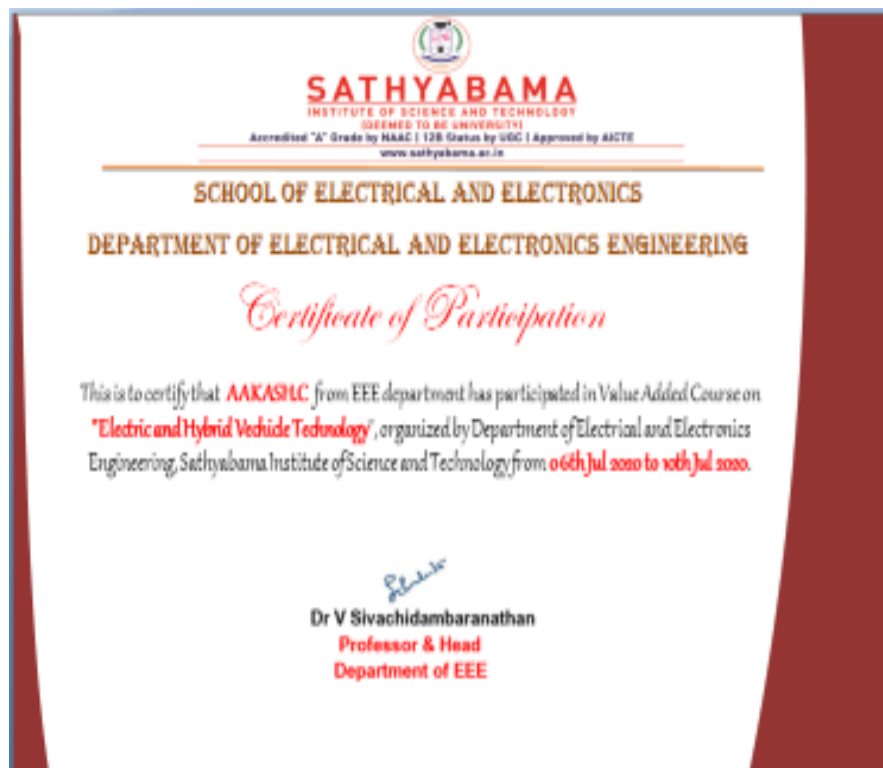
CO5: Analyze the factors monitored and controlled by battery management systems.

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

Participants List: Electric and Hybrid Vehicle Technology

S.No	Roll No.	Name of the Student	Batch/Year	6.7.21	7.7.21	8.7.21	9.7.21	10.7.21
1.	39130002	AADHITHYA. M.R	2019-2023/II Year	p	p	p	p	p
2.	39130003	AAKASH. C	2019-2023/II Year	p	p	p	p	p
3.	39130004	ABDUL RAHMAN. S	2019-2023/II Year	p	p	p	p	p
4.	39130005	ABI. S	2019-2023/II Year	p	A	p	p	p
5.	39130006	ABIJITH	2019-2023/II Year	p	p	p	p	p
6.	39130007	ABIRAMI. M	2019-2023/II Year	p	p	p	p	p
7.	39130008	ADDALA SAI NAGENDRA BABU	2019-2023/II Year	p	p	p	A	p
8.	39130009	ADITHYA SRIDHAR	2019-2023/II Year	p	p	p	p	p
9.	39130010	ADITYA PRAKASH	2019-2023/II Year	p	p	p	p	p
10.	39130011	ADITYA SAILESH. T	2019-2023/II Year	p	p	p	p	p
11.	39130012	AFTAB ALAM	2019-2023/II Year	p	p	p	p	p
12.	39130013	AGNES PRISCILLA GOPIKA. M. K	2019-2023/II Year	p	p	p	p	p
13.	37130001	AAKASH M	2017-2021/IV Year	p	p	p	A	p
14.	37130002	AARON JOHN K	2017-2021/IV Year	p	p	p	p	p
15.	37130003	AASHIK V	2017-2021/IV Year	p	p	p	p	p
16.	37130004	ADABALA HARI VAMSI	2017-2021/IV Year	A	p	p	p	p
17.	37130005	DHARSHINI A	2017-2021/IV Year	p	p	p	p	p
18.	37130006	ADIGOPULA BALAJI	2017-2021/IV Year	p	p	p	p	p
19.	37130007	ADIGOPULA MAHESH BABU	2017-2021/IV Year	p	p	p	p	p
20.	37130008	ADIMSHNU LOKESHWARA RAO	2017-2021/IV Year	p	p	p	p	p
21.	37130009	ADUSUMALLI NISHANT H	2017-2021/IV Year	p	p	p	p	p
22.	37130010	AJAY N	2017-2021/IV Year	p	p	p	p	p
23.	37130011	AKAMBARAM VENKATA VIKAS	2017-2021/IV Year	p	p	p	p	p
24.	37130012	AKIREDDI NITHISH KUMAR	2017-2021/IV Year	p	p	p	p	p

Sample Certificates: Electric and Hybrid Vehicle Technology





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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Certificate of Participation

This is to certify that **ABDUL RAHMAN S** from EEE department has participated in Value Added Course on **"Electric and Hybrid Vehicle Technology"**, organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from **06th Jul 2020 to 10th Jul 2020**.

Dr V Sivachidambaramanathan

Professor & Head

Department of EEE



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Dr V Sivachidambaramanathan

Professor & Head

Department of EEE



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Professor & Head
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This is to certify that **ABIRAM, M** from EEE department has participated in Value Added Course on **"Electric and Hybrid Vehicle Technology"**, organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from **06th Jul 2020 to 10th Jul 2020.**

Dr V Sivachidambaranathan
Professor & Head
Department of EEE



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This is to certify that **ADDALA SAI NAGENDRA BABU** from EEE department has participated in Value Added Course on **"Electric and Hybrid Vehicle Technology"**, organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from **06th Jul 2020 to 10th Jul 2020.**

Dr V Sivachidambaranathan

Professor & Head

Department of EEE



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This is to certify that **ADITHYAN SRIDHAR** from EEE department has participated in Value Added Course on **"Electric and Hybrid Vehicle Technology"**, organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from **06th Jul 2020 to 10th Jul 2020.**

Dr V Sivachidambaranathan

Professor & Head

Department of EEE



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Dr V Sivachidambaramanathan
Professor & Head
Department of EEE



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Certificate of Participation

This is to certify that **ADITYA SAURESHLY** from EEE department has participated in Value Added Course on **"Electric and Hybrid Vehicle Technology"**, organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from **06th Jul 2020 to 10th Jul 2020.**

Dr V Sivachidambaramanathan
Professor & Head
Department of EEE



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Certificate of Participation

This is to certify that **AFTABUJAM** from EEE department has participated in Value Added Course on **"Electric and Hybrid Vehicle Technology"**, organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from **06th Jul 2020 to 10th Jul 2020**.

Dr V Sivachidambaranathan
Professor & Head
Department of EEE



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Certificate of Participation

This is to certify that **AAKASH.M** from EEE department has participated in Value Added Course on **"Electric and Hybrid Vehicle Technology"**, organized by Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology from **06th Jul 2020 to 10th Jul 2020**.

Dr V Sivachidambaranathan
Professor & Head
Department of EEE

Course: Design of Solar Photovoltaic System



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DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

*Organizes
a
Value Added Course
on*

DESIGN OF SOLAR PHOTOVOLTAIC
SYSTEM

Date : 16th November to 20th November 2020

Resource person:
Mr.Sayan Datta,
Assistant Engineer,
SFD Engineers,
New Delhi

Conveners: Dr.N.M.Nandhitha, Dean/School of EEE
Dr.V.Sivachidambaranathan, HOD/EEE
Organizers: Dr.Sundarsingh Jebaseelan
Dr.D.Godwin Immanuel
EEE Department
Sathyabama Institute of Science
and Technology, Chennai

No Registration fee !!!
Certificate will be provided

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.

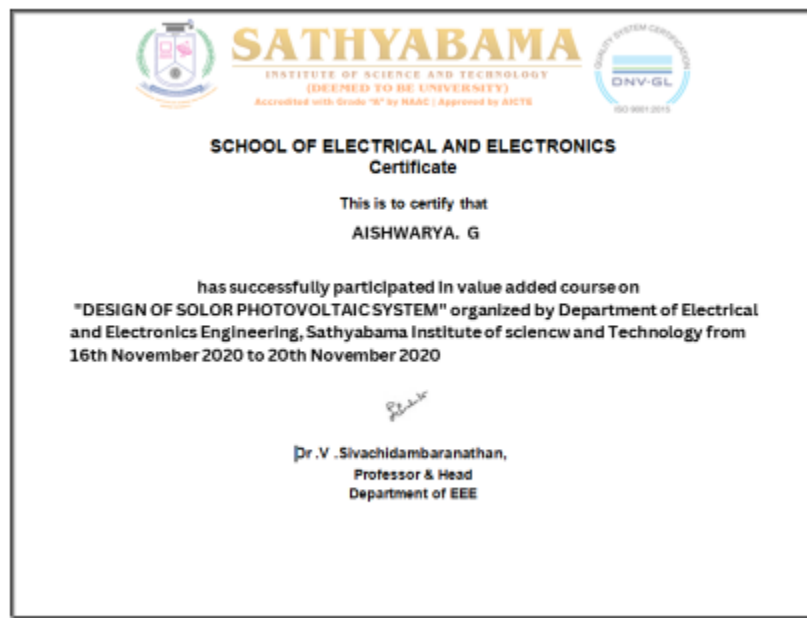
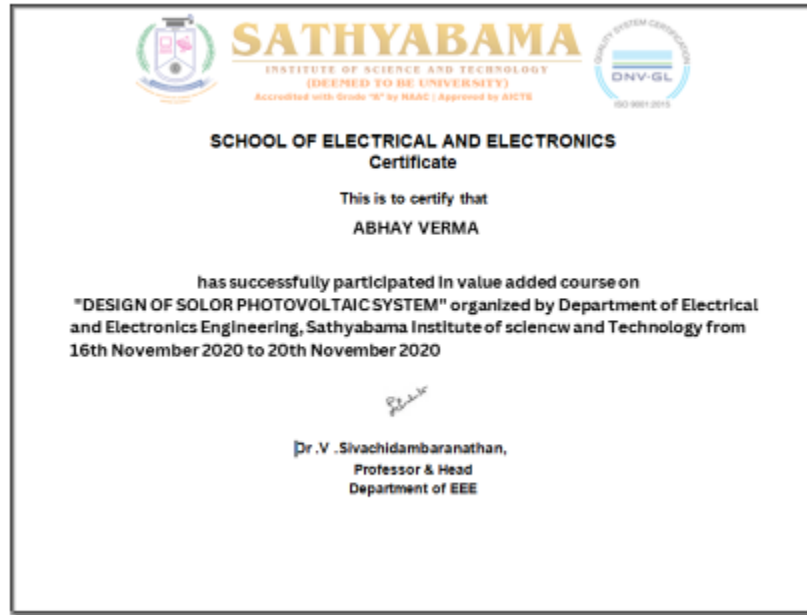
CO6: Build a Photovoltaic power generation system with photovoltaic cells as bypass diodes

Participants 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.	39130009	ADITHYA SRIDHAR	2019-2023/II Year	P	P	P	P	P
2.	39130010	ADITYA PRAKASH	2019-2023/II Year	P	P	P	P	P
3.	39130011	ADITYA SAILESH. T	2019-2023/II Year	P	P	P	P	P
4.	39130012	AFTAB ALAM	2019-2023/II Year	P	P	P	P	P
5.	39130013	AGNES PRISCILLA GOPIKA M. K	2019-2023/II Year	P	P	P	A	P
6.	39130014	AITHA RANADHEER	2019-2023/II Year	P	P	P	P	P
7.	39130015	AKASH. P	2019-2023/II Year	P	P	P	P	P
8.	39130016	AKASH VARMA	2019-2023/II Year	P	P	P	P	P
9.	39130017	AKKILI SAIKUMAR REDDY	2019-2023/II Year	P	P	P	P	P
10.	39130018	AMARANKENI UMESH CHANDRA	2019-2023/II Year	P	P	P	P	P
11.	39130019	AMMI REDDY SUPRAJA	2019-2023/II Year	P	P	P	P	P
12.	39130020	ANAGHA JACOB	2019-2023/II Year	P	P	P	P	P
13.	37130025	ANISH G	2017-2021/IV Year	P	P	P	P	P
14.	37130027	ANKIT KUMAR TIWARY	2017-2021/IV Year	P	P	P	P	P
15.	37130028	ANNAA PRAVEEN	2017-2021/IV Year	P	P	P	P	P
16.	37130029	ANUGULA VENKATESH KUMAR	2017-2021/IV Year	P	P	P	P	P
17.	37130030	ANUKEERTHIP	2017-2021/IV Year	P	P	P	P	P
18.	37130031	ANUMOLU SUJITH KUMAR	2017-2021/IV Year	P	P	P	P	P
19.	37130032	ANWAR SADIQ	2017-2021/IV Year	P	P	P	P	P
20.	37130033	AREPALLI RAGHU SESHU	2017-2021/IV Year	P	P	P	P	P
21.	37130035	ARUGONDA ABHISHEK	2017-2021/IV Year	P	P	P	P	P
22.	37130040	AVULA MANOJ KUMAR REDDY	2017-2021/IV Year	P	P	P	P	P
23.	37130041	AYUSH ANAND	2017-2021/IV Year	P	P	P	A	P
24.	37130042	BALA SLEEVA REDDY T	2017-2021/IV Year	P	P	P	P	P
25.	37130043	BALARAJU K	2017-2021/IV Year	P	P	P	P	P
26.	37130044	BANDARU VENKATA SAI	2017-2021/IV Year	P	P	P	P	P

		ARUN KUMAR						
27.	37130045	BANTU NAVEEN	2017-2021/IV Year	P	P	P	P	P
28.	37130046	BANUMATHIM	2017-2021/IV Year	P	P	P	P	P
29.	37130047	BANUPRIYA B	2017-2021/IV Year	P	P	P	P	P
30.	37130049	BATHALA DIVYA	2017-2021/IV Year	P	P	P	P	P
31.	37130051	BELBIN LIJJO J	2017-2021/IV Year	P	P	P	P	P
32.	37130052	BENITTA AROGANA J	2017-2021/IV Year	P	P	P	P	P
33.	37130054	BHAGAVATULA V S S SREEKAR	2017-2021/IV Year	P	P	P	P	P
34.	37130056	BHARGAVI TIYYAGURA	2017-2021/IV Year	P	P	P	P	P
35.	37130057	BHUMIREDDY PAVAN KUMAR REDDY	2017-2021/IV Year	P	P	P	P	P
36.	37130058	BHUPATHIRAJU SUNIL VARMA	2017-2021/IV Year	P	P	A	P	P
37.	37130061	BODABALLA VAMSI KRISHNA	2017-2021/IV Year	P	P	P	P	P
38.	37130063	BODAPOTHULA SAIRAM	2017-2021/IV Year	P	P	P	P	P
39.	37130064	BOGALA SUMANTH REDDY	2017-2021/IV Year	P	P	P	P	P
40.	37130065	BOLISSETTYNAGA BALA SAI MANIKANTHA	2017-2021/IV Year	P	P	P	P	A

Sample Certificates: Design of Solar Photovoltaic System





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**SCHOOL OF ELECTRICAL AND ELECTRONICS
Certificate**

This is to certify that

AKULA LAKSHMI PRASANNA

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 2020 to 20th November 2020

Dr. V. Sivachidambaramanathan,
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JAYA BREESTLIN. J

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BARLA GOWTHAM NAIDU

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LOGESHWARAN. J

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POOJA. A

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PRITHI. K

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RAVURI ARAVIND

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Course: Factory Automation using PLC



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SCHOOL OF ELECTRICAL AND ELECTRONICS
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organizes Value Added Course on
Factory Automation using PLC
From 24 .01.22 to 29.01.22

Mr.N.Gopalan
Skill Development Trainer,
Chennai.

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

Organizers
Mr.S.Nirmalraj, Asst Prof.
Dr.Radhika, Asso. Prof.

*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

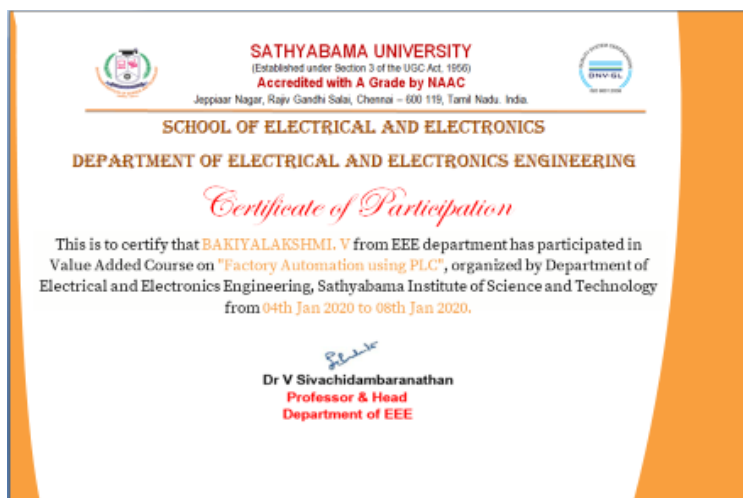
CO6: Design and implement ladder programs for the Allen-Bradley SLC 500™ and MicroLogix™ family of processors using RSLogic 500.

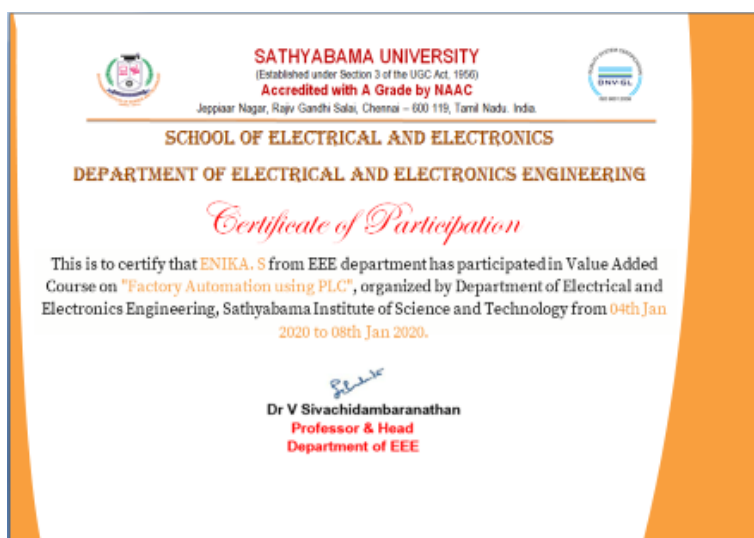
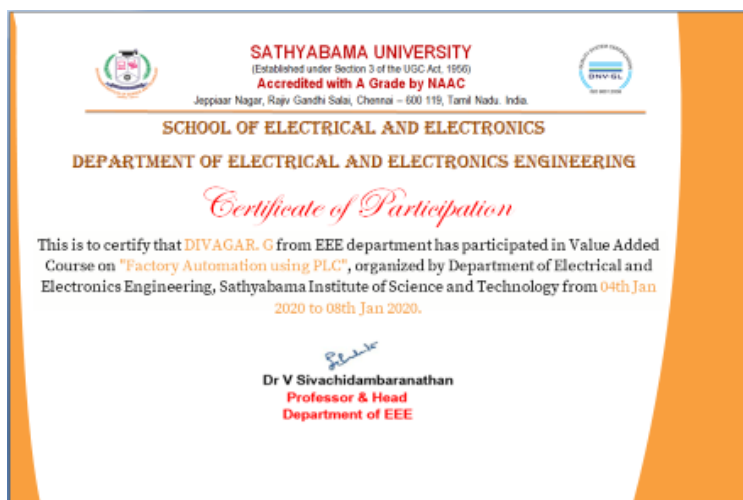
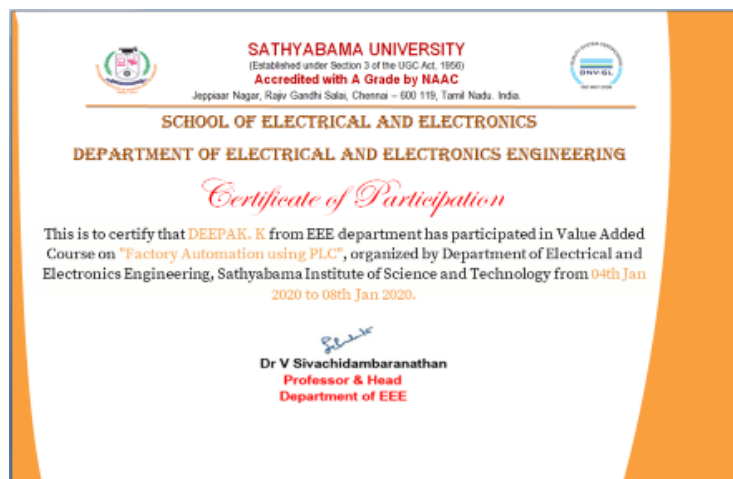
Participants List: Factory Automation using PLC

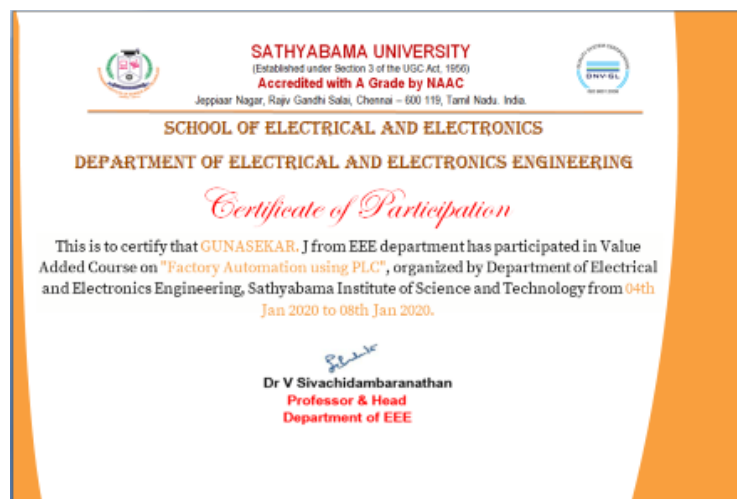
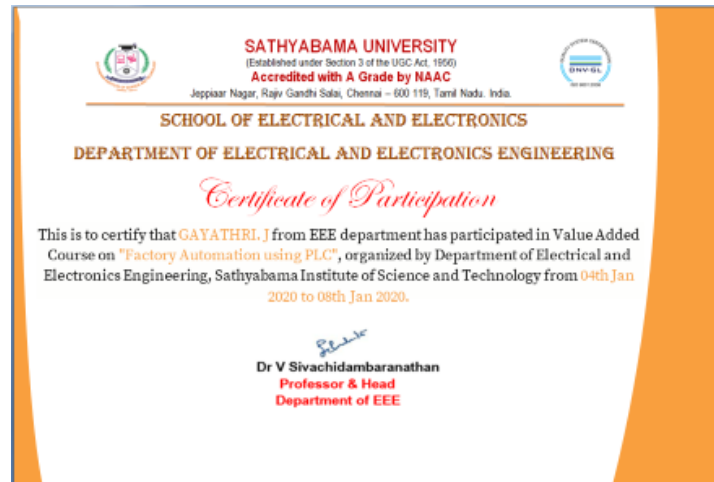
S.No	Roll No.	Name of the Student	Batch/Year	24.1.22	25.1.22	27.1.22	28.1.22	29.1.22
1.	40140005	BAKIYALAKSHMI. V	2020-2024/I Year	P	P	P	P	P
2.	40140006	BELLAM TARUN	2020-2024/I Year	P	P	P	P	P
3.	40140007	DEEPAK. K	2020-2024/I Year	P	P	P	P	A
4.	40140008	DIVAGAR. G	2020-2024/I Year	P	P	P	P	P
5.	40140009	ENIKA. S	2020-2024/I Year	P	P	P	P	P
6.	40140010	GAYATHRI. J	2020-2024/I Year	P	P	P	P	P
7.	40140011	GUNASEELAN. G	2020-2024/I Year	P	P	P	P	P
8.	40140012	GUNASEKAR. J	2020-2024/I Year	P	P	P	P	P
9.	40140013	HAKHILESH NEELAMEGAN	2020-2024/I Year	P	P	P	P	P
10.	40140014	HARIPRASATH. S	2020-2024/I Year	P	P	P	P	P
11.	40140015	HARISANKAR. S	2020-2024/I Year	P	P	P	P	P
12.	40140016	JAYA BREESTLIN. J	2020-2024/I Year	P	P	P	P	P
13.	38130012	ANOS. S	2018-2022/II Year	P	P	P	P	P
14.	38130013	ARIKARAN. C	2018-2022/II Year	P	P	P	P	P
15.	38130014	ARJUN KUMAR GUPTA	2018-2022/II Year	P	P	P	P	P
16.	38130015	ARSHAK MOHIDEEN. M. Z	2018-2022/II Year	P	P	P	P	P
17.	38130016	ARTHI. D	2018-2022/II Year	P	P	P	P	P
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20.	38130019	ATLAGANESH REDDY	2018-2022/II Year	P	A	P	P	P
21.	38130020	ATLURISON Y	2018-2022/II Year	P	P	P	P	P
22.	38130021	ATMAKURI JYOTHI SWAROOP	2018-2022/II Year	P	P	P	P	P
23.	38130022	AVULA GOPINADH	2018-2022/II Year	P	P	P	P	P
24.	38130023	BAKKA VENKATA SRI SAI MANEENDRA	2018-2022/II Year	P	P	P	P	P
25.	38130024	BALLA CHANDU	2018-2022/II Year	P	P	P	P	P
26.	38130025	BANDIKE VASU KRISHNA	2018-2022/II Year	P	P	P	P	P
27.	38130026	BATEPATI VENKATA KARTHIK KRISHNA	2018-2022/II Year	P	P	P	A	P

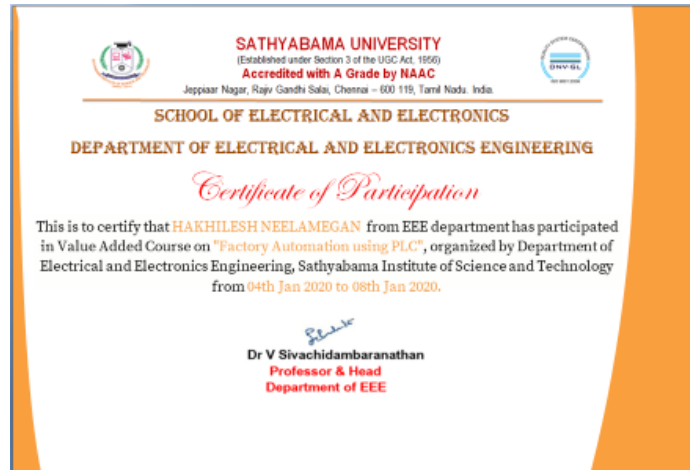
28.	38130027	BATTHALAARUN KUMAR REDDY	2018-2022/II Year	P	P	P	P	P
29.	38130028	BATTU VAMSI	2018-2022/II Year	P	P	P	P	P
30.	38130029	BATTULA PRANITHA	2018-2022/II Year	P	P	P	P	P
31.	38130030	BEZAWADA VARSHITHA	2018-2022/II Year	P	P	P	P	P
32.	38130031	BHARATHI. L	2018-2022/II Year	P	P	P	P	P
33.	38130032	BHAVYA KRITI	2018-2022/II Year	P	P	P	P	P
34.	38130033	BODAPATI NANDA KISHORE	2018-2022/II Year	P	P	P	P	A

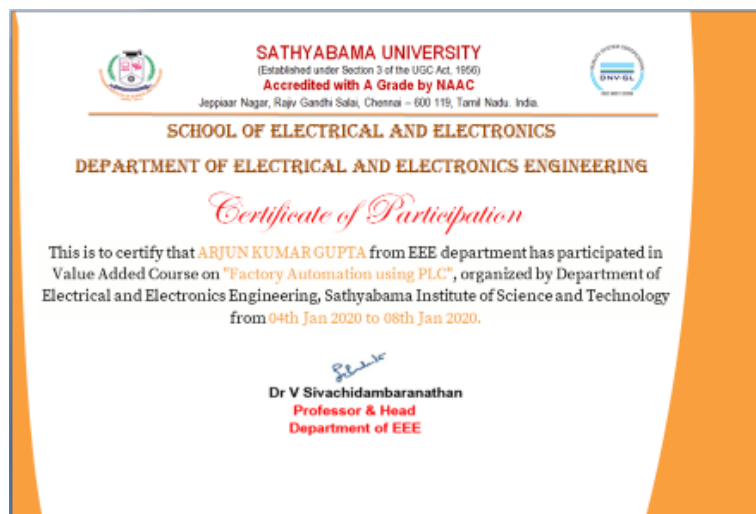
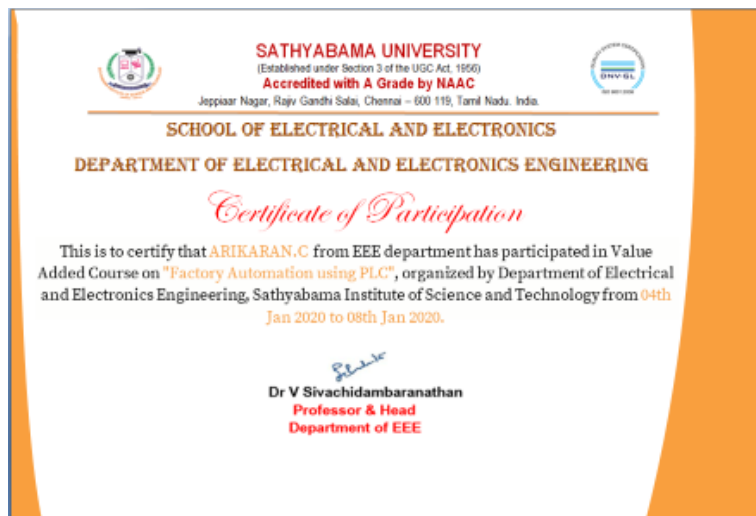
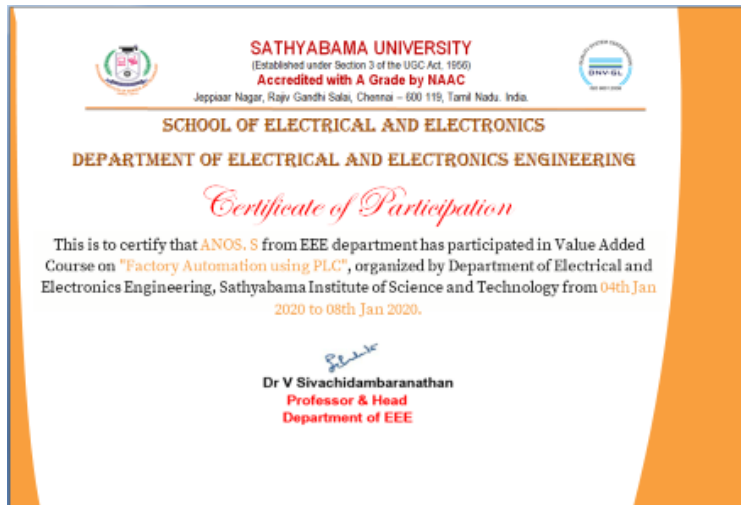
Sample Certificates: Factory Automation using PLC

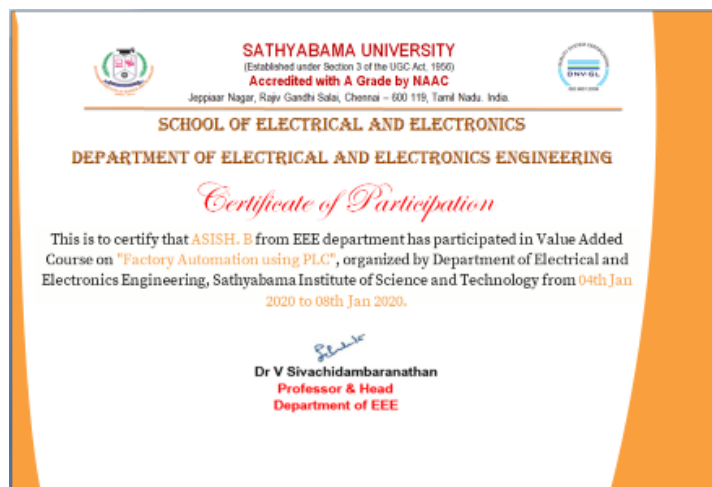
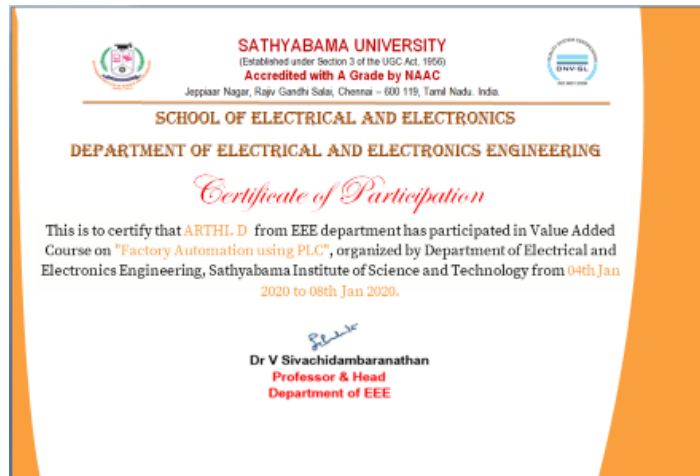












Course: Energy Conservation, Management and Audit



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)



SCHOOL OF ELECTRICAL AND ELECTRONICS
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organizes a Value Added Course on
ENERGY CONSERVATION, MANAGEMENT DESIGN AND AUDIT

Date: 8th Feb 2021 to 12th Feb 2021
Timing: 8.00 am to 3.00pm

Guest Speaker
Mr. Sayan Datta,
Manager, HVR Solar,
Netaji Subhash Place
New Delhi

Conveners
Dr. N. M. Nandhitha,
Prof. & Dean / SoEE

Dr. V. Sivachidambaramanathan,
Head/ EEE

Co-coordinators
Mrs. Bhuvaneswari.C, Ass.Prof./EEE
Dr.W.Abitha Memala, Asso.Prof./EEE

No Registration Fee

Certificate will be provided

Schedule for the Course: Energy Conservation, Management and Audit

Date	Time	Name of the Expert & Affiliation	Topic	Contents
08.02.21	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Mr.Sayan Datta, Manager, HVR Solar, Netaji Subhash Place, New Delhi	Energy Conservation, Management and Audit	Energy Audit methodology
09.02.21				Electrical Energy Management & Audit
10.02.21				Energy Audit
11.02.21				Energy conservation
12.02.21				Demand side management and energy audit

Course Outcomes for the Course: Energy Conservation, Management and Audit

- CO1: Categorize the energy audit methods to identify the areas deserving control to save energy expenditure.
- CO2: Design suitable energy monitoring system to analyze and optimize the energy consumption
- CO3: Estimate cost benefit analysis of various investment alternatives for meeting the energy needs of the organization.
- CO4: Identify the instrumentation required for carrying out the energy auditing
- CO5: Analyze the procedures and techniques, evaluation of saving opportunities and energy audit reporting
- CO6: Design of demand side management and energy auditing.

Participants List: Energy Conservation, Management and Audit

S.No	Roll No.	Name of the Student	Batch/Year	08.02.21	09.02.21	10.02.21	11.02.21	12.02.21
1.	38130239	VISHNUMOLAKALA SIVA NAGA MALLESWARA RAO	2018-2022/III Year	P	P	P	P	P
2.	38130240	VOLIPI UDAY KUMAR	2018-2022/III Year	P	P	P	P	P

3.	38130241	VUDDAGIRI TEJA VENKATA SAI NAVEEN	2018-2022/III Year	P	P	P	P	P
4.	38130242	VUNDAMODUGULA RAHUL	2018-2022/III Year	P	P	P	P	P
5.	38130243	YARAMASA VENU GOPAL	2018-2022/III Year	A	P	P	P	P
6.	38130244	YARASU SURESH REDDY	2018-2022/III Year	P	P	P	P	P
7.	38130245	YARRAMSETTY GANESH	2018-2022/III Year	P	P	P	P	P
8.	38130246	YENGALREDDY RAMNARAYANA REDDY	2018-2022/III Year	P	P	P	P	P
9.	38130247	YUVA SREE. R	2018-2022/III Year	P	P	P	P	P
10.	38130248	ZOYA FIRDOUSI	2018-2022/III Year	A	P	P	P	P
11.	38130249	ASHWANTH PUSHPAKIRAN P.A.	2018-2022/III Year	P	P	P	P	P
12.	38130701	ABILASH. S	2018-2022/III Year	P	P	P	P	P
13.	38130702	AMRUTHAVALLI. M	2018-2022/III Year	P	P	P	P	P
14.	38130703	THRINADH REDDY. M	2018-2022/III Year	P	P	P	P	P
15.	38130704	VENKATA TARUN RACHANENI	2018-2022/III Year	P	P	P	P	A
16.	38130705	SHANKARI MALAKAR	2018-2022/III Year	P	P	P	P	P
17.	38130706	VENKATA SURENDRA	2018-2022/III Year	P	P	P	P	P

Sample Certificates: Energy Conservation, Management and Audit









SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(Chartered in 1983)

ACCREDITED BY NAAC & NBA (APPROVED BY AICTE)

JEPPIAAR NAGAR, KALYANDURAI, CHENNAI - 600119

SCHOOL OF ELECTRICAL AND ELECTRONICS

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that **THIRUNADH KEDDOY, M** from department has participated in Value Added Course on
"Energy Conversion, Management and Audit", organized by Department Of Electrical and Electronics
Engineering, Sathyabama Institute of Science and Technology from **08th Feb 2021 to 12th Feb 2021**

Dr. V. Srirachideenharanathan
Professor and Head,
Department of EEE



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Engineering, Sathyabama Institute of Science and Technology from **08th Feb 2021 to 12th Feb 2021**

Dr. V. Srirachideenharanathan
Professor and Head,
Department of EEE

Course: Hands on Training in ECAD



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**ORGANIZES
VALUE ADDED COURSE
ON**

HANDS ON TRAINING IN ECAD

DATE: FROM 1.3.21 TO 5.3.21

TIME: 08.00-03.00 PM

**No Registration fee!!!
Certificate will be provided**

CONVENERS

DR.N.M.NANDHITHA

PROF.& DEAN/EEE

DR.V.SIVACHIDAMBARANATHAN,

PROF.& HEAD /EEE

RESOURCE PERSON

MR.CHUNCHUN KUMAR,

VEDAMRIT TECHNOLOGY SOLUTIONS

CHENNAI

Organizers

Mr.D.N.S.Ravikumar, Asst. Prof EEE

Mr.V.Semthil Nayagam, Asst. Prof EEE

Dr.Radhika, Asso.Prof EEE

Schedule for the Course: Hands on Training in ECAD

Date	Time	Name of the Expert & Affiliation	Topic	Contents
01.03.21	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Mr.chunchun kumar Vedamrit technology solutions Chennai.	Hands on Training in ECAD	Using ECAD in the Design Process
02.03.21				Creating an ECAD Assembly or Subassembly
03.03.21				Importing and Exporting ECAD Data
04.03.21				Using Other ECAD File Formats
05.03.21				Simplified ECAD-MCAD Collaboration

Course Outcomes for the Course:Hands on Training in ECAD

CO1: Formulate the basic mathematics fundamental to ECAD

CO2: Create ECAD Assembly/Subassembly

CO3: Inspect Importing and Exporting of ECAD Data

CO4: Categorize various ECAD File Formats

CO5: Demonstrate simplified ECAD-MCAD Collaboration

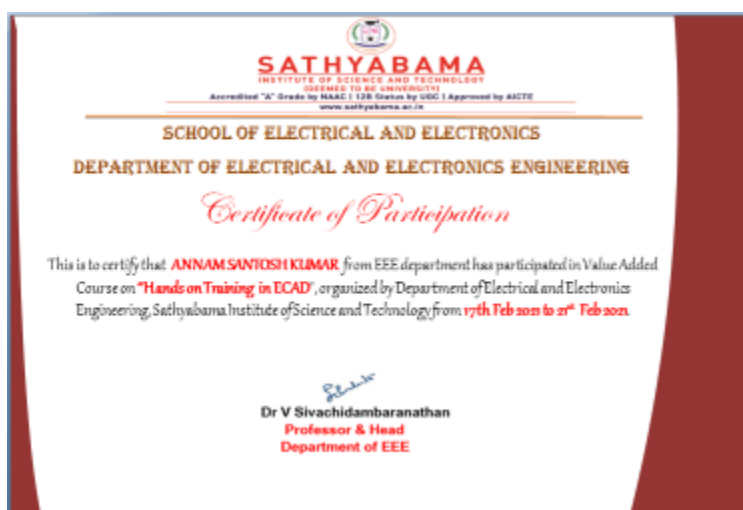
CO6: Develop different electrical layout using ECAD.

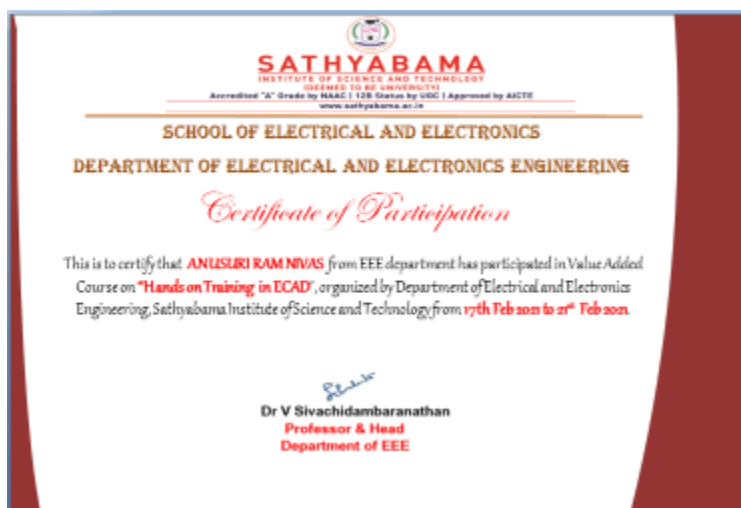
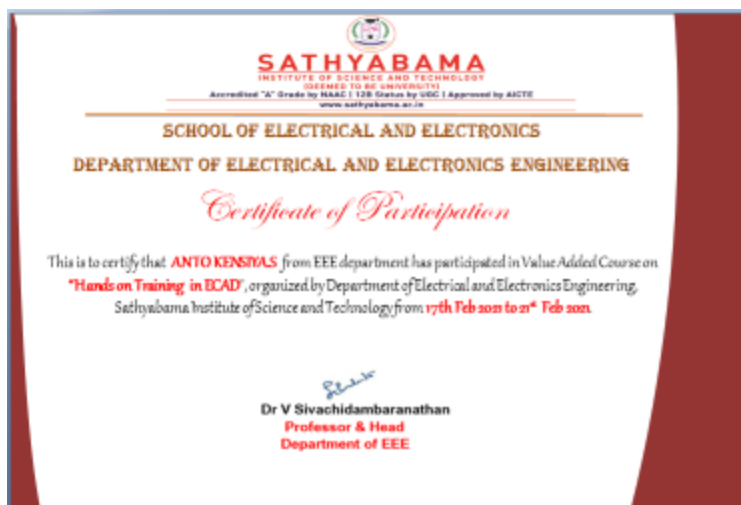
Participants List: Hands on Training in ECAD

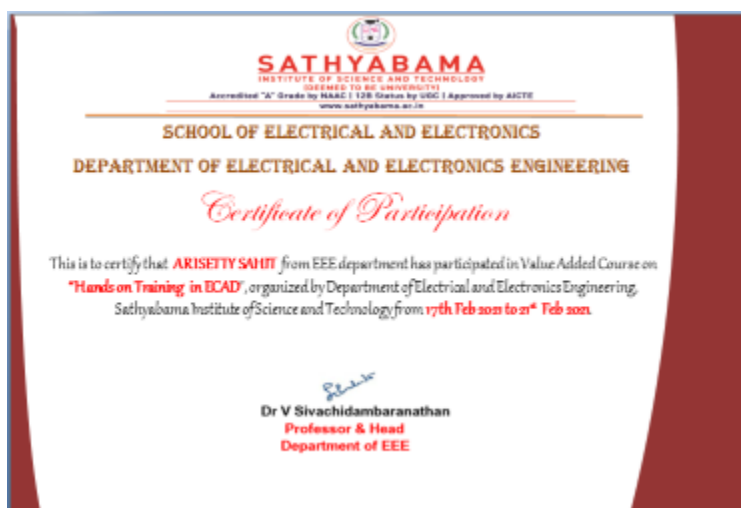
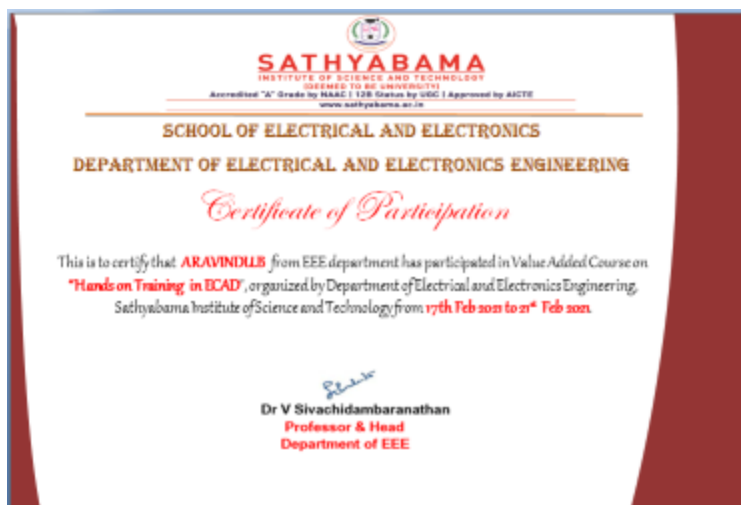
S.No	Roll No.	Name of the Student	Batch/Year	01.03.21	02.03.21	04.03.21	05.03.21	06.03.21
1.	39130027	ANNAM SANTOSH KUMAR	2019-2023/II Year	P	P	P	P	A
2.	39130028	ANTOKENSIYA S	2019-2023/II Year	P	P	P	P	P
3.	39130029	ANUSHA K	2019-2023/II Year	P	P	P	P	P
4.	39130030	ANUSURI RAM NIVAS	2019-2023/II Year	P	P	P	P	P
5.	39130031	APPAJOSYULA CHAITANYA	2019-2023/II Year	P	P	A	P	P
6.	39130032	ARAVAPALLI DIVYA VASAVI	2019-2023/II Year	P	P	P	P	P
7.	39130033	ARAVINDU. B	2019-2023/II Year	P	P	P	P	P
8.	39130034	ARIGELA SAI	2019-2023/II Year	P	P	P	P	P

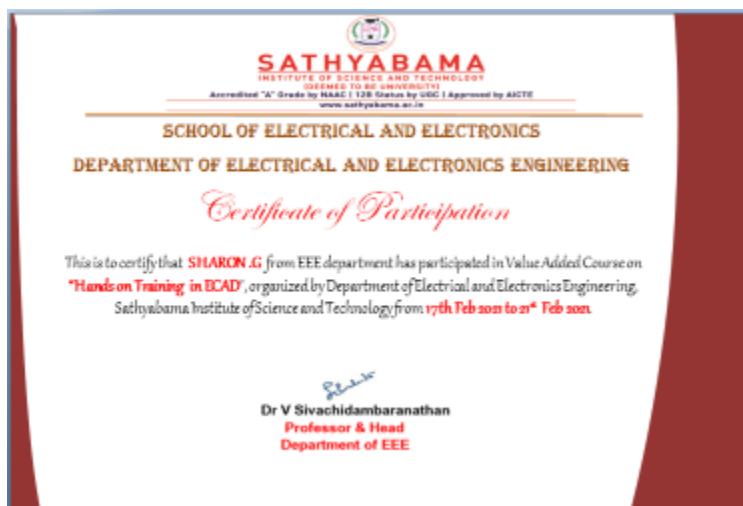
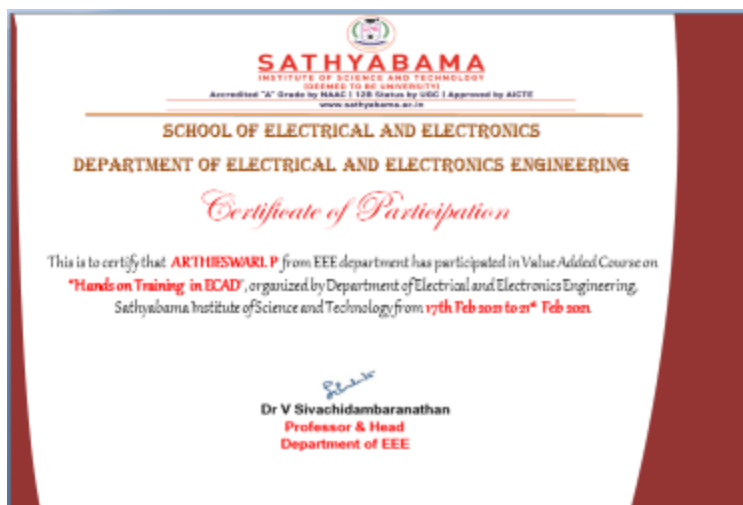
		YASWANTH						
9.	39130035	ARINDAM CHATTERJEE	2019-2023/II Year	P	P	P	P	P
10.	39130036	ARISSETTYSAHIT	2019-2023/II Year	P	P	P	P	P
11.	39130037	ARRA ROHIT	2019-2023/II Year	P	P	P	P	P
12.	39130038	ARTHIESWARI. P	2019-2023/II Year	P	P	P	P	P
13.	38130207	SHALINI. P	2018-2022/III Year	P	P	P	P	P
14.	38130208	SHARON . G	2018-2022/III Year	P	P	P	P	P
15.	38130209	SHIVANGI DHANESH	2018-2022/III Year	P	P	P	P	P
16.	38130210	SHRUTHI PRABAKARAN	2018-2022/III Year	P	P	A	P	P
17.	38130211	SONALI. M	2018-2022/III Year	P	P	P	P	P
18.	38130212	SONIYA. M. S	2018-2022/III Year	P	P	P	P	P
19.	38130213	SRESTHABAIIDYA	2018-2022/III Year	P	P	P	P	P
20.	38130214	SRIDHARAN. T	2018-2022/III Year	P	P	P	P	P
21.	38130215	SUMON SOURABH GHOSH	2018-2022/III Year	P	P	P	P	P
22.	38130216	SURIEYA. M	2018-2022/III Year	P	P	P	A	P

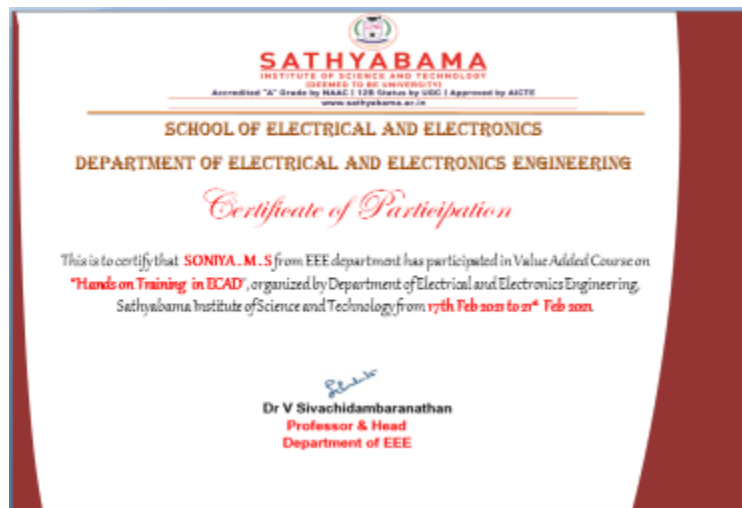
Sample Certificates: Hands on Training in ECAD













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www.sathyabama.ac.in

Value Added Course 2019 -2020 Department of Endodontics and Conservative Dentistry

Endo EZ-2020



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Accredited with Grade "A" by NAAC | Approved by AICTE

SATHYABAMA DENTAL COLLEGE AND HOSPITAL
Department of Conservative Dentistry and Endodontics

"ENDO EZ '20"

A Value added course on MOLAR ENDODONTICS for Interns

Date – 7TH JAN to 10TH JAN, 2020

Timing – 8am – 4pm

VENUE- SATHYABAMA DENTAL COLLEGE AND HOSPITAL



SCHEDULE FOR THE PROGRAM:

DAY 01

Lecture 01: 08:00am to 9:45 am

Dr. K. Sathyanarayanan - Internal Anatomy

Lecture 02: 9:45 am to 10:30 am

Dr. K. Kurinji Amalavathy - Access opening and coronal flaring

Break - 10:30 am to 10:45 am

DEMO 01:10:45am to 12:30pm

Dr. K. Sathyanarayanan, Dr.Hrudil Sundar - Access opening, coronal flaring

Lunch break 12:30 pm to 01:00pm

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

DAY 02

Lecture 03 08:00am to 10:00 am

Dr. Sushmitha Shivanna - Introduction to Ni -Ti ProTaper

Break - 10:00 am to 10:15 am

Lecture 04 10:15am to 12pm

Dr. Hrudil Sundar Sahoo - Step-back Vs crown-down

Cleaning and shaping in molars

Using Hand ProTapers - Crown Down technique.

DEMO 02 12pm to 1pm

Dr.Murali Sivakumar

Working length Determination - EAL

Lunch break 1:00pm to 2:00 pm

Hands on - 2:00 pm to 4:00 pm

DAY 03	ORGANIZING COMMITTEE
Lecture 05 08:00am to 10:00am Dr. Murali S - Root Canal Disinfection and Obturation	Patrons Dr. Mariazeena Johnson, Chancellor Dr. Marie Johnson, President
Break 10:00 am to 10:15 am	
DEMO 03- 10:15 am to 12:15pm Dr.R. Kurinji Amalavathy - Cleaning and shaping using Hand ProTapers	Organizing Chairman Dr. S.Thayumanavan,Dean - Dental College Organizing Secretary Dr.R. Kurinji Amalavathy, Head of the Department
Lunch break - 12:15pm to 1:15 pm	
Hands on - 1:30 pm to 4 pm	Joint Secretaries Dr. Sathyanarayanan, Reader Dr. sushmita Shivanua, Reader Dr. Murali Sivakumar, Reader
DAY 04	Programme Co-Ordinators Dr. Hrudi Sundar Sahoo, Sr. Lecturer Dr. Purushotham.M Sr. Lecturer Dr. Hari Krishna Reddy Sr. Lecturer Dr. Megavarana R.Sr. Lecturer Dr. Pavani Lecturer
DEMO 04 - 08:00am to 09:45 am Dr.S.Murali	
Moderator - Dr.M. Purushotham	
Single Cone obturation technique and Core buildup	
Break - 9:45 am to 10:00am	
Hands on - 10:00am onwards	
Lunch break - 1:30 pm to 2:00 pm	
Discussion and one to one assessment of work	
Valedictory function - 2:00 pm to 4:00 pm	

COURSE CONTENTS

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

Day 2- Introduction to Ni –Ti ProTaper

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

SCHEDULE:

DAY 01

Lecture 01	08:00am to 9:45 am	Dr. K. Sathyanarayanan Internal Anatomy
Lecture 02	9:45 am to 10:30 am	Dr. R. Kurinji Amalavathy Access opening and coronal flaring
Break	10:30 am to 10:45 am	

DEMO 01	10:45am to 12:30pm	Dr. K. Sathyanarayanan Dr. Hrudi Sundar Sahoo Access opening
Lunch break	12:30 pm to 01:00pm	
Hands on	1:00 pm to 4:00 pm	Access opening in molars
DAY 02		
Lecture 03	08:00am to 10:00 am	Dr. Sushmitha Shivanna Introduction to Ni –Ti
Lecture 04	10:15am to 12:00 pm	Dr. Hrudi Sundar Sahoo Cleaning and shaping in molars using Hand ProTapers
DEMO 02	12pm to 1pm	Dr.Murali S Working Length Determination
Lunch break	1:00pm to 2:00 pm	
Hands on	2:00 pm to 4:00 pm	
DAY 03		
Lecture 05	8:00am to 10:00am	Dr. Murali S Root Canal Disinfection and Obturation
Break	10:00 am to 10:15am	
DEMO 03	10:15 am to 12:15pm	Dr. Kurinji Amalavathy Cleaning and shaping using Hand ProTapers
Lunch break	12:15pm to 1:15 pm	
Hands on	1:30 pm to 4 pm	
DAY 04		

DEMO 04	8:00am to 09:45 am	Dr. Murali
		Moderator - Dr. Purushotham
		Single Cone obturation technique and Core buildup
Break	09:45 am to 10:00am	
Hands on	10:00am onwards	
Lunch break	1:30 pm to 2:00 pm	
Discussion and one to one assessment of work–	2:00 pm to 4:00 pm	

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 treatment on molar teeth with the knowledge gained through the course.

ATTENDANCE

SATHYABAMA DENTAL COLLEGE AND HOSPITAL ENDO EZ-MOLAR ENDODONTICS MADE EASY JANUARY 2020

ATTENDANCE SHEET

NAME	Reg No.	07/01/2020	08/01/2020	09/01/2020	10/01/2020
M.Preethi	Intern	Preethi	Preethi	Preethi	Preethi
Arshadha	Intern	Arshadha	Arshadha	Arshadha	Arshadha
Anupriya.R	Intern	Anupriya	Anupriya	Anupriya	Anupriya
Megha.K.C	Intern	Megha	Megha	Megha	Megha
Aswathi.S	Intern	Aswathi	Aswathi	Aswathi	Aswathi
M.N.Anusha	Intern	M.N.Anusha	M.N.Anusha	M.N.Anusha	M.N.Anusha
M.Susmitha	Intern	M.Susmitha	M.Susmitha	M.Susmitha	M.Susmitha
V.P.Vishwajanani	Intern	V.P.V	V.P.V	V.P.V	V.P.V
S.Kalaiarasi	Intern	S.Kalaiarasi	S.Kalaiarasi	S.Kalaiarasi	S.Kalaiarasi
R.S.Jeyapriya	Intern	R.S.Jeyapriya	R.S.Jeyapriya	R.S.Jeyapriya	R.S.Jeyapriya
Sejal.R	Intern	Sejal	Sejal	Sejal	Sejal
Kamala.G	Intern	Kamala	Kamala	Kamala	Kamala
V.Saranika Padma	Intern	V.Saranika Padma	V.Saranika Padma	V.Saranika Padma	V.Saranika Padma
Annie Preetha.C.J	Intern	Annie Preetha	Annie Preetha	Annie Preetha	Annie Preetha
Savitha.C.M	Intern	Savitha	Savitha	Savitha	Savitha

Signature of Professor
SATHYABAMA
 DENTAL COLLEGE & HOSPITAL
 DEEMED TO BE UNIVERSITY,
 JEPPIAAR NAGAR, RAJIV GANDHI
 CHENNAI - 600 119

SATHYABAMA DENTAL COLLEGE AND HOSPITAL
ENDO EZ-MOLAR ENDODONTICS MADE EASY JANUARY 2020
ATTENDANCE SHEET

NAME	Reg No.	07/01/2020	08/01/2020	09/01/2020	10/01/2020
Swetha Thampy	Intern.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Ranjalitha	Intern	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Madhumitha.S	Intern	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Manumetha.R	INTERN	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Jayashree.V	Intern	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
K.L.Nikitha	Intern	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Thilagavathy.M	Intern	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Sowmya.D	INTERN	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Mahalakshmi.S.M	Intern	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
C.M.Sacred Twinkle	Intern	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Ashwanthi.K	Intern	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Monisha.V	Intern	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Archana.S	Intern	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
G.Hemalatha	Intern	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
J.Preethi	Intern	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

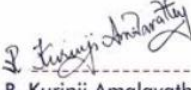
[Signature]
 Signature of **Prof. Dr. S. Sathya**
SATHYABAMA
 DENTAL COLLEGE & HOSPITAL
 (DEEMED TO BE UNIVERSITY)
 Jeppiaar Nagar, Rajiv Gandhi
 Chennai - 600 119

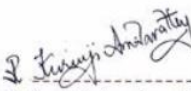
SATHYABAMA DENTAL COLLEGE AND HOSPITAL
ENDO EZ-MOLAR ENDODONTICS MADE EASY JANUARY 2020
ATTENDANCE SHEET

NAME	Reg No.	07/01/2020	08/01/2020	09/01/2020	10/01/2020
Dr. Kurinji Amalavathy	6866	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Dr. Sathyanarayanan	7416	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Dr. Sushmita Shivanna	17194-A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Dr. Murali shivakumar	11530	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Dr. Hrudi Sundar Sahoo	958(A)	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Dr. Purushotham.M	16923	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Dr. Hari Krishna Reddy	17127	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Dr. Megavarnan	18359	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Dr.D.Pavani	22586	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

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 Signature of Professor
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 DENTAL COLLEGE & HOSPITAL
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PARTICIPATION CERTIFICATES

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CERTIFICATE OF PARTICIPATION		
This is to certify that		
Dr.		
has attended the "ENDO-EZ"		
Workshop on Molar Endodontics		
held on 7 th to 10 th JAN 2020		
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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Value added Course on Medical Emergencies in Dental Office Department of Oral and Maxillofacial Surgery

BROCHURE

PROGRAMME SCHEDULE - (BATCH 2)

DAY TWO (6th to 7th February 2020)

08:00 am - 08:30 am : Registration

08:30 am - 08:00 am : Inauguration

09:00 am - 10:00 am : MEDS (Theory presentation along with display of the MEDS KIT)

10:00 am - 11:30 am : TACT BLS – Theory Presentation

11:30 am - 12:30 pm : IV/IM – Theory Presentation

12:30 pm - 01:30 pm : Lunch Break

01:30 pm - 03:30 pm : Hands on Practical Session for BLS and IV/IM

03:30 pm - 04:00 pm : Written Test

04:00 pm - 04:15 pm : Feedback and Wrap up



Sathyabama Dental College and Hospital
Sathyabama Institute of Science and Technology
(Deemed to be University)

VALUE ADDED COURSE
MEDICAL EMERGENCIES IN DENTAL SURGERY



Department of Oral & Maxillofacial Surgery
presents
VALUE ADDED COURSE
MEDICAL EMERGENCIES IN DENTAL SURGERY
Workshop and Intramuscular Injection and Intravenous Cannulation

3rd TO 7th February 2020

Sathyabama Dental College Auditorium

For any Queries Contact:
Dr. R. Ashok Prasanna - 9962603063

PROGRAMME SCHEDULE - (BATCH 1)

DAY ONE (3rd to 5th Feb 2020)

08:00 am - 08:30 am : Registration

08:30 am - 08:00 am : Inauguration

09:00 am - 10:00 am : MEDS (Theory presentation along with display of the MEDS KIT)

10:00 am - 11:30 am : TACT BLS – Theory Presentation

11:30 am - 12:30 pm : IV/IM – Theory Presentation

12:30 pm - 01:30 pm : Lunch Break

01:30 pm - 03:30 pm : Hands on Practical Session for BLS and IV/IM

03:30 pm - 04:00 pm : Written Test

04:00 pm - 04:15 pm : Feedback and Wrap up

Guests of Honor


Chief Dr. PRASAD
M.D., M.S., M.B.B.S.
Dental Surgeon


Dr. R. Ashok PRASAD
M.D., M.S., M.B.B.S.
Dental Surgeon

Faculty


Dr. MAHALINGAM PERUMAL
M.D., M.S., M.B.B.S., M.D.
Dentist


Dr. MAHALINGAM PERUMAL
M.D., M.S., M.B.B.S., M.D.
Dentist

Organizing Committee

Dr. S. SUNDAR MANOHAR
Adjunct
Associate Professor
Sathyabama Institute of Science & Technology

Dr. S.S. RAJ
Adjunct
Associate Professor
Sathyabama Institute of Science & Technology

Dr. ARUN WILSON
Coordinator
Post-Graduate Studies
Sathyabama Institute of Science & Technology

Dr. THAYUMANAVAN, B
Organizing Chairperson
Dentist
Sathyabama Dental College & Hospital

Organized by




Department of Oral & Maxillofacial Surgery
Sathyabama Dental College & Hospital

SKILL STATIONS

➤ Basic Life Support	➤ Basic Airway Management	➤ Oxygen Therapy / Nebulization
➤ Adult / Children	➤ Choking Adult / Child	➤ Peripheral Venous Access
➤ Infant and Neonates	➤ ECG and Defibrillation	➤ Intra Muscular (IM) Injection

DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY & TACT ACADEMY

Medical Emergencies In Dental Surgeon 3rd to 7th February 2020



Department of oral & maxillofacial surgery conducted 2 day workshop on Basic Life Support and Medical Emergencies for Dental Surgeons on 29th & 30th January 2020 in association with TACT Academy, Chennai. Lectures and Hands On Course was conducted for all CRRJ students. Inaugural address was given by Dr.Thayumanavan, Dean, Sathyabama Dental College & Hospital. Vote of thanks given by Dr.Anusudha, Reader, Dept of OMFS. Students were awarded certificates after successful completion of written exam





COURSE CONTENT

MEDICAL EMERGENCY IN DENTAL SURGERY

Medical emergencies were most likely to occur during and after local anesthesia, primarily during tooth extraction and endodontics. Over 60% of the emergencies were syncope, with hyperventilation the next most frequent at 7%.

The extent of treatment by the dentist requires preparation, prevention and then management, as necessary. Prevention is accomplished by conducting a thorough medical history with appropriate alterations to dental treatment as required. The most important aspect of nearly all medical emergencies in the dental office is to prevent, or correct, insufficient oxygenation of the brain and heart. Therefore, the management of all medical emergencies should include ensuring that oxygenated blood is being delivered to these critical organs. This is consistent with basic cardiopulmonary resuscitation, with which the dentist must be competent. This provides the skills to manage most medical emergencies, which begin with the assessment, and if necessary the treatment of airway, breathing and circulation (the ABCs of CPR). Usually, only after these ABCs are addressed should the dentist consider the use of emergency drugs.

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

TACT
Academy for Clinical Training

Course: **Medical Emergencies in Dental Surgeon**
Date: **3rd to 7th February 2020**
Venue: **SATHYABAMA DENTAL COLLEGE + HOSPITAL**

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	Dr. / Nurse / Ms. / Mr.				
	Dr. / Nurse / Ms. / Mr.				

TACT
Academy for Clinical Training

Course: **Medical Emergencies in Dental Surgeon**
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Venue: **SATHYABAMA DENTAL COLLEGE**

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DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY

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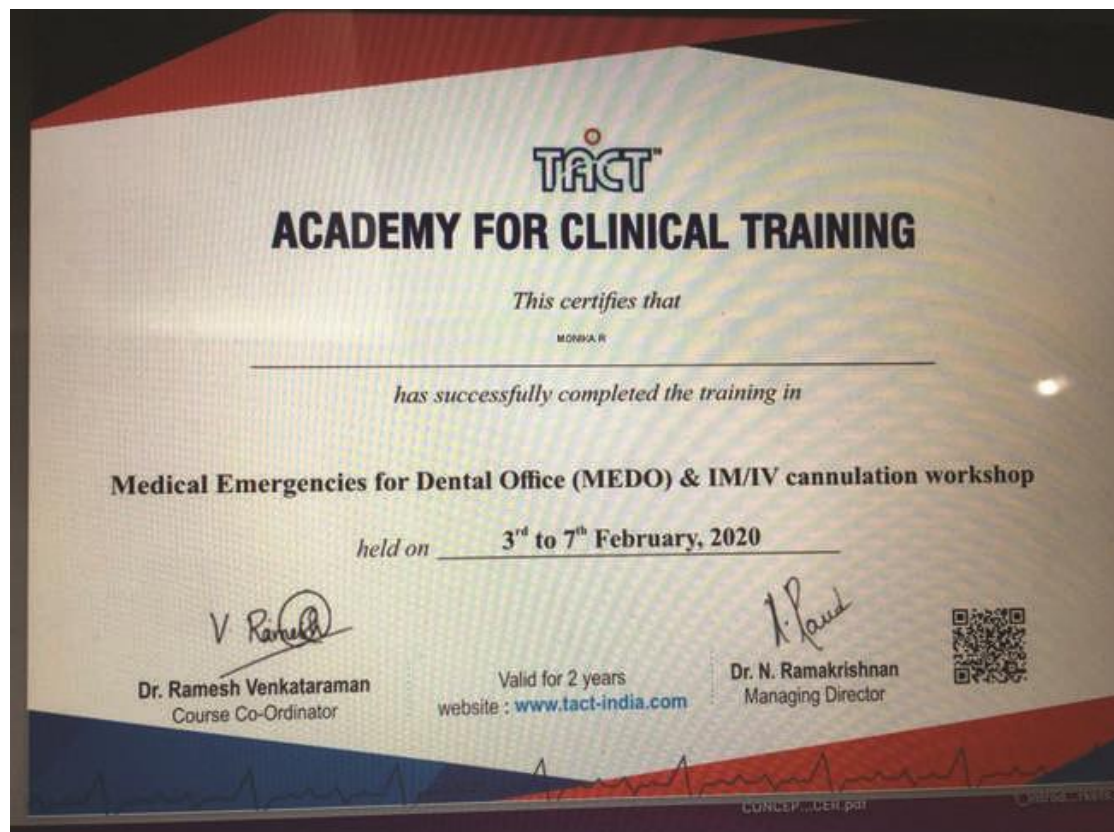
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DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY
Medical Emergencies In Dental Surgeon 3rd to 7th February 2020

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17	NISAR FARHEEN A	nisarfahreen17@gmail.com	Nisar		
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19	PAVITHRASREE G	pavithrasree16@gmail.com	Pavithra		
20	PREETHI J	preethijai333@gmail.com	Preethi		
21	PRIYADARSHINI V	darshinivasukumar@gmail.com	Priya		
22	RAJESHWARI S V	rajishva1711@gmail.com	Rajeshwari		
23	RAMYA D	ramvaraji137@gmail.com	Ramya		
24	RAMYA M S	swathi0698@gmail.com	Ramya		
25	SANGEETHA K S	sangeethaks232@gmail.com	Sangeetha		
26	SANTHIYA D	salsanthiya18997@gmail.com	Santhiya		
27	ARSHADHA MAIMOON	marshadha@gmail.com	Arshadha		
28	ASMITHA K A	asmithaka11@gmail.com	Asmitha		
29	BHAVADHARANI J	dharani1604@gmail.com	Bhavadhara		
30	SUSMITHA M	susmitha98sus@gmail.com	Susmitha		
31	SUVETHA V E	suvethavenu97@gmail.com	Suvetha		
32	VISHVAJANANI V P	viswajanani131@gmail.com	Vishva		
33	SHRUTHI S	shruthikim0796@gmail.com	Shruthi		
34	AARTHI R	john1991chris@gmail.com	Arthi		
35	DIVYA R	divyaramkumar1996@gmail.com	Divya		

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







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SATHYA LEELA GOMATHI M

has successfully completed the training in

Medical Emergencies for Dental Office (MEDO) & IM/IV cannulation workshop

held on **3rd to 7th February, 2020**

V. Ramesh

Dr. Ramesh Venkataraman
Course Co-Ordinator

Valid for 2 years
website : www.tact-india.com

N. Ramakrishnan

Dr. N. Ramakrishnan
Managing Director



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SEJAL R

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V. Ramesh

Dr. Ramesh Venkataraman
Course Co-Ordinator

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website : www.tact-india.com

N. Ramakrishnan

Dr. N. Ramakrishnan
Managing Director







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JAYAPRIYA R S

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Course Co-Ordinator

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Managing Director



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Managing Director



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CONCEPT-CERT



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MANUMETHA R

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MEGHA KC

has successfully completed the training in

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NISAR FARHEEN A

has successfully completed the training in

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NANDHINI M

has successfully completed the training in

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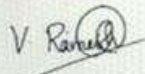
This certifies that

RAJESHWARI S V

has successfully completed the training in

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Course Co-Ordinator

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Managing Director



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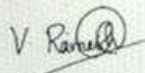
This certifies that

RAMYA D

has successfully completed the training in

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held on **3rd to 7th February, 2020**



Dr. Ramesh Venkataraman
Course Co-Ordinator

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Dr. N. Ramakrishnan
Managing Director



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This certifies that

PAVITHRAA P

has successfully completed the training in

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Dr. Ramesh Venkataraman
Course Co-Ordinator

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N. Paul

Dr. N. Ramakrishnan
Managing Director



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CONCEPT - CENTRAL



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Brochure



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SATHYABAMA DENTAL COLLEGE AND HOSPITAL
DEPARTMENT OF PUBLIC HEALTH DENTISTRY
Presents
RESEARCH METHODOLOGY-BASICS
(A CERTIFICATION COURSE FOR DENTAL STUDENTS)
FROM 4/11/2019 TO 8/11/2019

SPEAKERS:

Dr. Shyam Shiva Kumar (MDS)
DEPARTMENT OF PUBLIC HEALTH DENTISTRY
READER-MENAKSHI AMMAL
DENTAL COLLEGE AND HOSPITAL

Dr. Mahesh J (MDS)
DEPARTMENT OF PUBLIC HEALTH DENTISTRY
SENIOR LECTURER-KARPAGA VINAYAGA
INSTITUTE OF DENTAL SCIENCE

Chief Patrons

Dr. Mariazeena Johnson <i>Chancellor</i>	Dr. Marie Johnson <i>President</i>	Dr. Maria Bernadette Johnson <i>Vice President</i>
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Convenor
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Pro Vice Chancellor

Organizing Coordinator
Dr. B Thayumanavan
Dean
Sathyabama Dental College

Organizing Secretary
Dr. V Anu
Head of Department
Department of Public Health Dentistry

Co-ordinators

Dr. B Pavani	Dr. Himakar Reddy	Dr. G L Suresh Kumar	Dr. M A Nadeem
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Participation Certificate will be provided.

RESEARCH METHODOLOGY- BASICS
SCHEDULE: 4/11/2019 - 8/11/2019

DAY-1 (4/11/2019) BY Dr. Shyam Shiva Kumar
9AM-11AM PURPOSE OF HEALTH RESEARCH
11AM-11:30AM TEA BREAK
11:30AM-1:30PM TYPES OF RESEARCH
1:30-2PM LUNCH
2PM-4PM STEPS IN RESEARCH

DAY-2 (5/11/2019) BY Dr. Shyam Shiva Kumar
9AM-11AM RESEARCH PROTOCOL
11AM-11:30AM TEA BREAK
11:30AM-1:30PM FORMULATING A HYPOTHESIS
1:30PM-2PM LUNCH
2PM-4PM TYPES OF HYPOTHESIS

DAY-3 (6/11/2019) BY Dr. Shyam Shiva Kumar
9AM-11AM TYPES OF DATA
11AM-11:30AM TEA BREAK
11:30AM-1:30PM SEARCH STRATEGIES
1:30PM-2PM LUNCH
2PM-4PM SOFTWARES USED IN LITERATURE SEARCH

DAY-4 (7/11/2019) BY Dr. Mahesh J
9AM-11AM DIFFERENT STUDY DESIGNS IN RESEARCH
11AM-11:30AM TEA BREAK
11:30AM-1:30PM HIERARCHY OF EVIDENCE
1:30-2PM LUNCH
2PM-4PM EVIDENCE BASED DENTISTRY

DAY-5 (8/11/2019) BY Dr. Mahesh J
9AM-11AM TYPES OF VARIABLES
11AM-11:30AM TEA BREAK
11:30AM-1:30PM PARAMETRIC TESTS
1:30PM-2PM LUNCH
2PM-4PM NON - PARAMETRIC TESTS

COURSE CONTENT

DAY 1- IMPORTANCE OF HEALTHCARE RESEARCH

Research in common parlance refers to a search for knowledge. Research is an academic activity and as such the term should be used in a technical sense. The search for knowledge through objective and systematic method of finding solution to a problem is research. The purpose of research is to discover answers to questions through the application of scientific procedures. The main aim of research is to find out the truth which is hidden and which has not been discovered as yet. Yet another way of classifying health research, be it empirical or theoretical, basic or applied, is to describe it under three operational interlinked categories of biomedical, health services and behavioural research, the so-called health research triangle. Biomedical research deals primarily with basic research involving processes at the cellular level; health research deals with issues in the environment surrounding man, which promote changes at the cellular level; and behavioural research deals with the interaction of man and the environment in a manner reflecting the beliefs, attitudes and practices of the individual in society.

Day-2: Formulation of Hypothesis

Hypotheses are carefully constructed statements about a phenomenon in the population. The hypotheses may have been generated by deductive reasoning, or based on inductive reasoning from prior observations. One of the most useful tools of health research is the generation of hypotheses which, when tested, will lead to the identification of the most likely causes of disease or changes in the condition being observed. Although we cannot draw definite conclusions, or claim proof using the inductive method, we can come ever closer to the truth by knocking down existing hypotheses and replacing them with ones of greater plausibility. In health research, hypotheses are often constructed and tested to identify causes of disease and

to explain the distribution of disease in populations. Mill's canons of inductive reasoning are frequently utilized in the forming of hypotheses which relate association and causation.

DAY-3: LITERATURE SEARCH

Once the problem is formulated, a brief summary of it should be written down. It is compulsory for a research worker writing a thesis for a Ph.D. degree to write a synopsis of the topic and submit it to the necessary Committee or the Research Board for approval. At this juncture the researcher should undertake extensive literature survey connected with the problem. For this purpose, the abstracting and indexing journals and published or unpublished bibliographies are the first place to go to. Academic journals, conference proceedings, government reports, books etc., must be tapped depending on the nature of the problem. In this process, it should be remembered that one source will lead to another. The earlier studies, if any, which are similar to the study in hand should be carefully studied. A good library will be a great help to the researcher at this stage.

DAY-4: STUDY DESIGNS IN RESEARCH

The epidemiological approach is based upon statistical principles in the structuring of research design. In this approach, research can be divided into that which is basically observational in type, and that which is experimental. Observational types of studies generally employ the method of sample surveys, where a sample of the population is observed for various characteristics. This subjects, by obtaining measurements of physical characteristics, or by simply extracting information from existing sources, such as disease registries, hospital or employment records. Surveys of the crosssectional type (where the information on cause and effect is simultaneously gathered, and the time sequence cannot be determined) are considered to be hypothesis-generating studies, whereas surveys where the observations on cause and effect differ by way of a period of time (such as case-control studies and cohort studies) are considered to be analytical in nature, and inference of associations can be made. Testing of

hypotheses is best done by experiment, where all the factors other than those under consideration can be controlled.

DAY-5: PARAMETRIC AND NON-PARAMETRIC TESTS

In most research studies, the information collected represents only a sample from the population of interest (target population). Drawing conclusions about the population, whether it is a simple descriptive study or a randomized controlled trial, depends on statistical analysis of the data. This manual is intended to assist in the preparation of a research proposal, and not with data analysis. However, since the choice of the design has a direct impact on the analysis of the data, it is important to have an idea of the type of analysis anticipated when designing the study. Hypothesis testing helps to decide on the basis of a sample data, whether a hypothesis about the population is likely to be true or false. Statisticians have developed several tests of hypotheses (also known as the tests of significance) for the purpose of testing of hypotheses which can be classified as: (a) Parametric tests or standard tests of hypotheses; and (b) Non-parametric tests or distribution-free test of hypotheses. Parametric tests usually assume certain properties of the parent population from which we draw samples. Assumptions like observations come from a normal population, sample size is large, assumptions about the population parameters like mean, variance, etc., must hold good before parametric tests can be used. But there are situations when the researcher cannot or does not want to make such assumptions. In such situations we use statistical methods for testing hypotheses which are called non-parametric tests because such tests do not depend on any assumption about the parameters of the parent population. Besides, most non-parametric tests assume only nominal or ordinal data, whereas parametric tests require measurement equivalent to at least an interval scale.

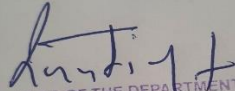
COURSE OUTCOME

Introducing participants to:

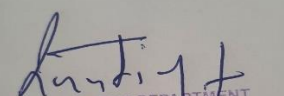
- key features of qualitative research how different qualitative methods can be used to answer different types of research questions.
- most widely used qualitative methods
- key issues in the analysis of qualitative data and common features of the analysis process
- importance of qualitative research in a public health context.

ATTENDANCE

DAY-1 Attendance		
SR. NO.	REG. NO.	STUDENT NAME
1	37900002	ANURITI GUHA <i>Anuriti</i>
2	37900003	ARJUN AJAY BAJORIYA <i>Arjun</i>
3	37900004	BHAVYA SRI S <i>Bhavya</i>
4	37900005	CHHAYA PARIHAR <i>Chhaya</i>
5	37900006	DEEPIKA PANDAY <i>Deepika</i>
6	37900008	DHARSHINI V <i>Dharsini</i>
7	37900009	FARHATH HAJIRA <i>Farhath</i>
8	37900011	HARSHINI S <i>Harshini</i>
9	37900012	HEMANTH KUMAR K <i>Hemant</i>
10	37900013	ICCHA KUMARI UPADHYAY <i>Iksha</i>
11	37900014	JANVI MANISH DAVE <i>Janvi</i>
12	37900015	JASMINE CYNDHIYA D <i>Jasmine</i>
13	37900016	KAVIPPRIYAN <i>Kavipriya</i>
14	37900017	KEERTHANA D <i>Keerthana</i>
15	37900018	KEERTHANA K C <i>Keerthana</i>
16	37900019	KEERTHANA.R <i>Keerthana</i>
17	37900020	MEENAMBIGA P <i>Meenambiga</i>
18	37900021	MEESARAGANDA SREENATH RAJU <i>Sreenath</i>
19	37900022	MYTHILI D <i>Mythili</i>
20	37900023	NAKSHATRA VASHISTH <i>Nakshatra</i>
21	37900024	NIKITA ASHWIN RAI <i>Nikita</i>
22	37900025	NISSY SUSAN JACOB <i>Nissy</i>
23	37900026	NIVEDA R <i>Niveda</i>
24	37900027	PARUVADA SANKAR S <i>Paruvada</i>
25	37900028	PAVITHRA P <i>Pavithra</i>
26	37900029	PRATHYUSHA MAHANATHA <i>Prathyusha</i>
27	37900030	PRAVEEN KUMAR P <i>Praveen</i>
28	37900031	PRIYA N <i>Priya</i>
29	37900032	RADHIKA M <i>Radhika</i>
30	37900033	RISHABH MONDAL <i>Rishabh</i>
31	37900034	SAMRIDDHI NIM <i>Samriddhi</i>
32	37900035	SANA NASREEN S <i>Sana Nasreen</i>
33	37900036	SANDHIYA E <i>Sandhya</i>
34	37900037	SANJANA ANANTH <i>Sanjana</i>
35	37900038	SANTHOSH N <i>Santhosh</i>
36	37900039	SHIRUSHTIKA P <i>Shirushika</i>
37	37900040	SHRINIDHI VENKATA SRINIVASAN <i>Shrinidhi</i>
38	37900041	SOWJEEENIYA S <i>Sowjeeeniya</i>
39	37900042	SURIYAPRAKASH R <i>Suriya</i>
40	37900043	SYED AZAM A <i>Syed Azam</i>
41	37900044	VARSHINI R <i>Varshini</i>
42	3290175	SANDHIYA, S <i>Sandhya</i>
43	3390075	SELVA PRIYA S <i>Selvapriya</i>
44	3490039	JENITA <i>Jenita</i>
45	3190189	SWATHIS BARATHY <i>Swadhis</i>
46	3090134	GUNDU RASMI <i>Rasmi</i>


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 Chennai - 600 119.

47	3690001	B.DEEPTHIRAGASREE	Deepthi
48	3690002	JENNIFERMARIA RANI J	Jennifer
49	3690003	S.NISHAJAISREE	Nisha
50	3690005	A.S.SINDHUJA	Sindhuja
51	3690006	SURUTHI . S	Suruthi
52	3690007	N.K.VANATHEE	Vanathe
53	3590006	AMINA NAZ	Amina Naz
54	3590088	SRI CHANDANA	Sri Chandana
55	3590056	NARESH R	Naresh
56	3590083	SHARON F	Sharon
57	3590002	ABINAYAH K	Abinayah
58	3590045	MALLIKARTHIKA	Mallikarthika
59	3590069	PUGAZHARASI	Pugazharasi
60	3590087	SINDHUJA C	Sindhuja
61	3590003	AGNES SONALI S	Agnes Sonali
62	3590004	AISHWARYA FERMI G	Aishwarya
63	3590005	ALAGAMMAI M	Alagammai
64	3590008	ANNIE PREETHA C J	Annie
65	3590009	ANUPRIYA R	Anupriya
66	3590010	ANUSHA M N	Anusha
67	3590011	ARCHANA S	Archana
68	3590012	ARSHADHA MAIMOON	Arshadha
69	3590013	ASHWANTHI K	Ashwathi
70	3590014	ASMITHA K A	Asmitha
71	3590015	ASWATHI S	Aswathi
72	3590016	BHAVADHARANI J	Bhavadhara
73	3590017	BHUVANESHWARI M	Bhuvaneshwari
74	3590018	BINU ROSHIN J	Binu
75	3590021	DEEPIKA G	Deepika
76	3590022	DEEPIKA V S	Deepika
77	3590023	DEVSREE S	Devsree
78	3590024	DHIKSHITHA N	Dhikshitha
79	3590025	DOLLY SHELMA J	Dolly
80	3590026	EBIN BRITTO M	Ebin
81	3590028	GLADYS TRYPHENA P	Gladys
82	3590030	HEMALATHA G	Hemalatha
83	3590031	ISWARYA M	Iswarya
84	3590032	JAYAPRIYA R S	Jayapriya
85	3590033	JEYABHARATHI R	Jeyabharathi
86	3590034	KALAIARASI S	Kalai
87	3590035	KAMALA GURUVAYURAPPAN	Kamala
88	3590036	KARTHIGA T	Karthiga
89	3590037	KAVEEYA G R	Kaveeya
90	3590038	KAVIYA M	Kaviya
91	3590040	KOLAPALLI LAKSHMI NIKHITHA	Kolapalli
92	3590044	MADHUMITHA S	Madhumitha
93	3590046	MANISHA S	Manisha


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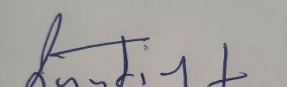
94	3590047	MANUMETHA R	Manumetha R
95	3590048	MEENA S	Meena S
96	3590049	MEGHA K C	Megha K C
97	3590051	MONIKA R	Monika R
98	3590052	MOUNIKA G	Mounika G
99	3590054	NANDHINI M	Nandhini M
100	3590057	NISAR FARHEEN A	Nisar Farheen A
101	3590058	NIVEDHA C	Nivedha C
102	3590059	NIVEDHA S	Nivedha S
103	3590060	PAVITHRASREE G	Pavithrasree G
104	3590063	PREETHI J	Preethi J
105	3590064	PREETHI M	Preethi M
106	3590066	PRIYA DHARSHINI M	Priya Dharshini M
107	3590067	PRIYADARSHINI V	Priya Darshini V
108	3590070	RAJESWARI S V	Rajeswari S V
109	3590071	RAMYA D	Ramya D
110	3590072	RAMYA M S	Ramya M S
111	3590074	SANGEETHA K S	Sangeetha K S
112	3590076	SANTHIYA D	Santhiya D
113	3590077	SARANIKA PADMA V	Saranika Padma V
114	3590080	SEJAL R	Sejal R
115	3590081	SHALINI PRABHA P	Shalini Prabha P
116	3590085	SHIVANI M I	Shivani M I
117	3590089	SOBIKA M	Sobika M
118	3590090	SOWMIYA D	Sowmya D
119	3590093	SUSMITHA M	Susmitha M
120	3590094	SUVETHA V E	Suvetha V E
121	3590095	SWETHA THAMPY	Swetha Thampy
122	3590096	THILAGAVATHY M	Thilagavathy M
123	3590099	VISHVAJANANI V P	Vishvajanani V P
124	3390078	SHRUTHI S	Shruthi S
125	3490003	AARTHI R	Aarthi R
126	3490020	CHAITHANYA D G	Chaitanya D G
127	3490026	DIVYA R	Divya R
128	3490064	MOUNIKA M	Mounika M
129	3490097	THRINAYANI	Thrinayani

DAY-2 Attendance

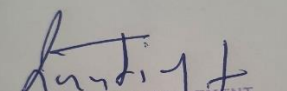
SR. NO.	REG. NO.	STUDENT NAME
1	37900002	ANURITI GUHA <i>Anuriti</i>
2	37900003	ARJUN AJAY BAJORIYA <i>Arjun</i>
3	37900004	BHAVYA SRI S <i>Bhavya</i>
4	37900005	CHHAYA PARIHAR <i>Chhaya</i>
5	37900006	DEEPIKA PANDAY <i>Deepika</i>
6	37900008	DHARSHINI V <i>Dharshini</i>
7	37900009	FARHATH HAJIRA <i>Farhath</i>
8	37900010	FEMIL THEODER JOSHUA JEBA KUMAR <i>Famil</i>
9	37900011	HARSHINI S <i>Harshini</i>
10	37900013	ICCHA KUMARI UPADHYAY <i>Ichha</i>
11	37900014	JANVI MANISH DAVE <i>Janvi</i>
12	37900015	JASMINE CYNTHIYA D <i>Jasmine</i>
13	37900016	KAVIPPRIYAN <i>Kavipriya</i>
14	37900017	KEERTHANA D <i>Keerthana D</i>
15	37900018	KEERTHANA K C <i>Keerthana</i>
16	37900019	KEERTHANA R <i>Keerthana</i>
17	37900020	MEENAMBIGA P <i>Meenambiga</i>
18	37900021	MEESARAGANDA SREENATH RAJU <i>Sreenath</i>
19	37900022	MYTHILI D <i>Mythili</i>
20	37900023	NAKSHATRA VASHISTH <i>Nakshatra</i>
21	37900024	NIKITA ASHWIN RAI <i>Nikita</i>
22	37900025	NISSY SUSAN JACOB <i>Nissy</i>
23	37900026	NIVEDA R <i>Niveda</i>
24	37900027	PARUVADA SANKAR S <i>Paruvada</i>
25	37900028	PAVITHRA P <i>Pavithra</i>
26	37900029	PRATHYUSHA MAHANTHA <i>Prathyusha</i>
27	37900030	PRAVEEN KUMAR P <i>Praveen</i>
28	37900031	PRIYA N <i>Priya - N</i>
29	37900032	RADHIKA M <i>Radhika</i>
30	37900033	RISHABH MONDAL <i>Rishabh</i>
31	37900034	SAMRIDDHI NIM <i>Samriddhi</i>
32	37900035	SANA NASREEN S <i>Sana Nasreen</i>
33	37900036	SANDHIYA E <i>Sandhya E</i>
34	37900037	SANJANA ANANTH <i>Sanjana</i>
35	37900038	SANTHOSH N <i>Santhosh</i>
36	37900039	SHIRUSHTIKA P <i>Shirushika P</i>
37	37900040	SHRINIDHI VENKATA SRINIVASAN <i>Shrinidhi S</i>
38	37900041	SOWJEEENIYA S <i>Sowjaneeya S</i>
39	37900042	SURIYAPRAKASH R <i>Suriya Prase</i>
40	37900043	SYED AZAM A <i>Syed Azam</i>
41	37900044	VARSHINI R <i>Varshini Raman</i>
42	3290175	SANDHIYA S <i>Sandhya S</i>
43	3390075	SELVA PRIYA S <i>Selva Priya</i>
44	3490060	MATHUMATHI SOWMIYA K <i>Sowmya K</i>
45	3490039	JENITA <i>Jenita</i>
46	3190189	SWATHIS BARATHY <i>Swathis</i>

Kurthy
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 Chennai - 600 119.

47	3690001	B.DEEPTHIRAGASREE	Deepthi
48	3690002	JENNIFERMARIA RANIJ	Jennifer
49	3690003	S.NISHAJAISREE	Nisha
50	3690005	A.S.SINDHUJA	Sindhuja
51	3690006	SURUTHI . S	Suruthi
52	3690007	N.K.VANATHEE	Vanathi
53	3590006	AMINA NAZ	Amina
54	3590088	SRI CHANDANA	Sri Chandana
55	3590056	NARESH R	Naresh
56	3590083	SHARON F	Sharon
57	3590002	ABINAYAH K	Abinaya
58	3590045	MALLIKARTHIKA	Mallikarthika
59	3590069	PUGAZHARASI	Pugazh
60	3590087	SINDHUJA C	Sindhuja
61	3590003	AGNES SONALI S	Agnes
62	3590004	AISHWARYA FERMI G	Aishwarya
63	3590005	ALAGAMMAI M	Alagammai
64	3590008	ANNIE PREETHA C J	Annie
65	3590009	ANUPRIYA R	Anupriya
66	3590010	ANUSHA M N	Anusha
67	3590011	ARCHANA S	Archana
68	3590012	ARSHADHA MAIMOON	Arshadha
69	3590013	ASHWANTHI K	Ashwathi
70	3590014	ASMITHA K A	Asmitha
71	3590015	ASWATHI S	Aswathi
72	3590016	BHAVADHARANI J	Bhavadhara
73	3590017	BHUVANESHWARI M	Bhuvaneshwari
74	3590018	BINU ROSHIN J	Binu
75	3590021	DEEPIKA G	Deepika
76	3590022	DEEPIKA V.S	Deepika
77	3590023	DEVSREE S	Devsree
78	3590024	DHIKSHITHA N	Dhikshitha
79	3590025	DOLLY SHELMA J	Dolly
80	3590026	EBIN BRITTO M	Ebin
81	3590028	GLADYS TRYPHENA P	GLADYP.
82	3590030	HEMALATHA G	Hemlatha
83	3590031	ISWARYA M	Ishwarya
84	3590032	JAYAPRIYA R S	Jayapriya
85	3590033	JEYABHARATHI R	Jeyabharathi
86	3590034	KALAIARASI S	Kalai
87	3590035	KAMALA GURUVAYURAPPAN	Kamala
88	3590036	KARTHIGA T	Karthiga
89	3590037	KAVEEYA G R	KAVEEYA G R
90	3590038	KAVIYA M	Kaviya
91	3590040	KOLAPALLI LAKSHMI NIKHITHA	Kolapalli
92	3590044	MADHUMITHA S	Madhumitha
93	3590046	MANISHA S	MANISHA

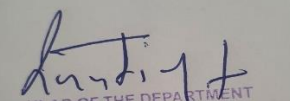

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94	3590047	MANUMETHA R	Manumetha R
95	3590048	MEENA S	Meena
96	3590049	MEGHA K C	Megha
97	3590051	MONIKA R	Monika
98	3590052	MOUNIKA G	Mounika G.
99	3590054	NANDHINI M	Nandhini M.
100	3590057	NISAR FARHEEN A	Nisar
101	3590058	NIVEDHA C	Nivedha C.
102	3590059	NIVEDHA S	Nivedha S.
103	3590060	PAVITHRASREE G	Pavithrasree
104	3590063	PREETHI J	Preethi
105	3590064	PREETHI M	Preethi
106	3590066	PRIYA DHARSHINI M	Priya Darshini
107	3590067	PRIYADARSHINI V	Priya Darshini
108	3590070	RAJESWARI S V	Rajeswari
109	3590071	RAMYA D	Ramya
110	3590072	RAMYA M S	Ramya
111	3590074	SANGEETHA K S	Sangeetha
112	3590076	SANTHIYA D	Santhiya
113	3590077	SARANIKA PADMA V	Saranika
114	3590080	SEJAL R	Sejal
115	3590081	SHALINI PRABHA P	Shalini
116	3590085	SHIVANI M I	SHIVANI
117	3590089	SOBIKA M	Sobika
118	3590090	SOWMIYA D	Sowmya
119	3590093	SUSMITHA M	Susmitha
120	3590094	SUVETHA V E	Suvetha
121	3590095	SWETHA THAMPY	Swetha
122	3590096	THILAGAVATHY M	Thilagavathy
123	3590099	VISHVAJANANI V P	Janani
124	3390078	SHRUTHI S	Shruthi
125	3490003	AARTHI R	Aarthi
126	3490020	CHAITHANYA D G	Chaitanya
127	3490026	DIVYA R	Divya
128	3490064	MOUNIKA M	Mounika
129	3490097	THRINAYANI	Thrinayani

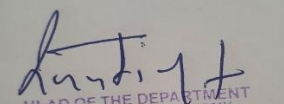

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Day-3 Attendance

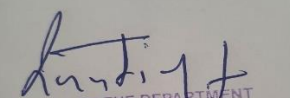
SR. NO.	REG. NO.	STUDENT NAME
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3	37900004	BHAVYA SRI S
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7	37900009	FARHATH HAJIRA
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9	37900011	HARSHINI S
10	37900012	HEMANTH KUMAR K
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27	37900030	PRABEEN KUMAR P
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30	37900033	RISHABH MONDAL
31	37900034	SAMRIDDHI NIM
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38	37900041	SOWJEENIYA S
39	37900042	SURIYAPRAKASH R
40	37900043	SYED AZAM A
41	37900044	VARSHINI R
42	3290153	PADMAPRIYA. T
43	3290175	SANDHIYA. S
44	3390075	SELVA PRIYA S
45	3490060	MATHUMATHI SOWMIYA K
46	3490039	JENITA


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51	3690006	SURUTHI . S	Suruthi
52	3690007	N.K.VANATHEE	Vanathi
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54	3590088	SRI CHANDANA	Sri Chandana
55	3590056	NARESH R	Naresh
56	3590083	SHARON F	Sharon
57	3590002	ABINAYAH K	Abinaya
58	3590045	MALLIKARTHIKA	Mallikarthika
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83	3590031	ISWARYA M	Iswarya
84	3590032	JAYAPRIYA R S	Jayapriya
85	3590033	JEYABHARATHI R	Jeyabharathi
86	3590034	KALAIARASI S	Kalai
87	3590035	KAMALA GURUVAYURAPPAN	Kamala
88	3590036	KARTHIGA T	Karthiga
89	3590037	KAVEEYA G R	Kaveeya
90	3590038	KAVIYA M	Kaviya
91	3590040	KOLAPALLI LAKSHMI NIKHITHA	Kolapalli
92	3590044	MADHUMITHA S	Madhumitha
93	3590046	MANISHA S	Manisha


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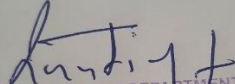
94	3590047	MANUMETHA R	Manumetha R
95	3590048	MEENA S	Meena
96	3590049	MEGHA K C	Megha
97	3590051	MONIKA R	Monika
98	3590052	MOUNIKA G	Mounika G.
99	3590054	NANDHINI M	Nandhini M.
100	3590057	NISAR FARHEEN A	Nisar
101	3590058	NIVEDHA C	Nivedha C.
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119	3590093	SUSMITHA M	Susmitha
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122	3590096	THILAGAVATHY M	Thilagavathy
123	3590099	VISHVAJANANI V P	Janani
124	3390078	SHRUTHI S	Shruthi
125	3490003	AARTHI R	Aarthi
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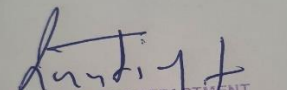
Day-4 Attendance

SR. NO.	REG. NO.	STUDENT NAME
1	37900002	ANURITI GUHA <i>Anuriti</i>
2	37900003	ARJUN AJAY BAJORIYA <i>Arjun</i>
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8	37900010	FEMIL THEODER JOSHUA JEB A KUMAR <i>Famil</i>
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73	3590017	BHUVANESHWARI M	Bhuvaneshwari
74	3590018	BINU ROSHIN J	Binu
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103	3590060	PAVITHRASREE G	Pavithrasree G
104	3590063	PREETHI J	Preethi J
105	3590064	PREETHI M	Preethi M
106	3590066	PRIYA DHARSHINI M	Priya Dharshini M
107	3590067	PRIYADARSHINI V	Priya Darshini V
108	3590070	RAJESWARI S V	Rajeswari S V
109	3590071	RAMYA D	Ramya D
110	3590072	RAMYA M S	Ramya M S
111	3590074	SANGEETHA K S	Sangeetha K S
112	3590076	SANTHIYA D	Santhiya D
113	3590077	SARANIKA PADMA V	Saraniika Padma V
114	3590080	SEJAL R	Sejal R
115	3590081	SHALINI PRABHA P	Shalini Prabha P
116	3590085	SHIVANI M I	Shivani M I
117	3590089	SOBIKA M	Sobika M
118	3590090	SOWMIYA D	Sowmya D
119	3590093	SUSMITHA M	Susmitha M
120	3590094	SUVETHA V E	Suvetha V E
121	3590095	SWETHA THAMPY	Swetha Thampy
122	3590096	THILAGAVATHY M	Thilagavathy M
123	3590099	VISHVAJANANI V P	Vishvajanani V P
124	3390078	SHRUTHI S	Shruthi S
125	3490003	AARTHI R	Aarthi R
126	3490020	CHAITHANYA D G	Chaitanya D G
127	3490026	DIVYA R	Divya R
128	3490064	MOUNIKA M	Mounika M
129	3490097	THRINAYANI	Thrinayani

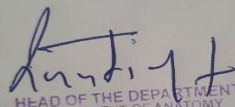

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 DENTAL COLLEGE & HOSPITAL
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 Chennai - 600 119.

Day-5 Attendance

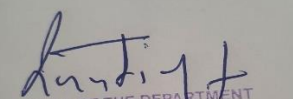
SR. NO.	REG. NO.	STUDENT NAME
1	37900002	ANURITI GUHA <i>Anuriti</i>
2	37900003	ARJUN AJAY BAJORIYA <i>Arjun</i>
3	37900004	BHAVYA SRI S <i>Bhav</i>
4	37900005	CHHAYA PARIHAR <i>Chhaya</i>
5	37900006	DEEPIKA PANDAY <i>Deepika</i>
6	37900008	DHARSHINI V <i>Dharshini</i>
7	37900009	FARHATH HAJIRA <i>Farhath</i>
8	37900010	FEMIL THEODER JOSHUA JEB A KUMAR <i>Femil</i>
9	37900011	HARSHINI S <i>Harshini</i>
10	37900012	HEMANTH KUMAR K <i>Hemant</i>
11	37900013	ICCHA KUMARI UPADHYAY <i>Ikha</i>
12	37900014	JANVI MANISH DAVE <i>Janvi</i>
13	37900015	JASMINE CYNDHIYA D <i>Jasmine</i>
14	37900016	KAVIPPRIYAN <i>Kavipriya</i>
15	37900017	KEERTHANA D <i>Keerthana</i>
16	37900018	KEERTHANA K C <i>Keerthana</i>
17	37900019	KEERTHANA R <i>Keerthana</i>
18	37900020	MEENAMBIGA P <i>Meenambiga</i>
19	37900021	MEESARAGANDA SREENATH RAJU <i>Sreenath</i>
20	37900022	MYTHILI D <i>Mythili</i>
21	37900023	NAKSHATRA VASHISTH <i>Nakshatra</i>
22	37900024	NIKITA ASHWIN RAI <i>Nikita</i>
23	37900025	NISSY SUSAN JACOB <i>Nissy</i>
24	37900026	NIVEDA R <i>Niveda</i>
25	37900027	PARUVADA SANKAR S <i>Paruvada</i>
26	37900028	PAVITHRA P <i>P.P.</i>
27	37900029	PRATHYUSHA MAHANTHA <i>Prathyusha</i>
28	37900030	PRAVEEN KUMAR P <i>Praveen</i>
29	37900031	PRIYA N <i>Priya N.</i>
30	37900032	RADHIKA M <i>Radhika</i>
31	37900034	SAMRIDDHI NIM <i>Samriddhi</i>
32	37900035	SANA NASREEN S <i>Sana Nasreen</i>
33	37900036	SANDHIYA E <i>Sandhya E.</i>
34	37900037	SANJANA ANANTH <i>Sanjana</i>
35	37900038	SANTHOSH N <i>Santhosh</i>
36	37900039	SHIRUSHATIKA P <i>Shirushatika P.</i>
37	37900040	SHRINIDHI VENKATA SRINIVASAN <i>Shrinidhi S</i>
38	37900041	SOWJEENIYA S <i>Sowjeeniya S</i>
39	37900042	SURIYAPRAKASH R <i>Suriyaprakash</i>
40	37900043	SYED AZAM A <i>Syed Azam</i>
41	37900044	VARSHINI R <i>Varshini Raman</i>
42	3290153	PADMAPRIYA. T
43	3290175	SANDHIYA. S <i>Sandhya</i>
44	3390075	SELVA PRIYA S <i>Selvapriya</i>
45	3490060	MATHUMATHI SOWMIYA K <i>Sowmiya</i>
46	3490039	JENITA <i>Jenitha</i>

Kurthy
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47	3690001	B.DEEPTHIRAGASREE	Deepthi
48	3690002	JENNIFERMARIA RANI J	Jennifer
49	3690003	S.NISHAJAISREE	Nisha
50	3690005	A.S.SINDHUJA	Sindhuja
51	3690006	SURUTHI . S	Suruthi
52	3690007	N.K.VANATHEE	Vanathe
53	3590006	AMINA NAZ	Amina Naz
54	3590088	SRI CHANDANA	Sri Chandana
55	3590056	NARESH R	Naresh
56	3590083	SHARON F	Sharon
57	3590002	ABINAYAH K	Abinayah
58	3590045	MALLIKARTHIKA	Mallikarthika
59	3590069	PUGAZHARASI	Pugazharasi
60	3590087	SINDHUJA C	Sindhuja
61	3590003	AGNES SONALI S	Agnes Sonali
62	3590004	AISHWARYA FERMI G	Aishwarya
63	3590005	ALAGAMMAI M	Alagammai
64	3590008	ANNIE PREETHA C J	Annie
65	3590009	ANUPRIYA R	Anupriya
66	3590010	ANUSHA M N	Anusha
67	3590011	ARCHANA S	Archana
68	3590012	ARSHADHA MAIMOON	Arshadha
69	3590013	ASHWANTHI K	Ashwathi
70	3590014	ASMITHA K A	Asmitha
71	3590015	ASWATHI S	Aswathi
72	3590016	BHAVADHARANI J	Bhavadhara
73	3590017	BHUVANESHWARI M	Bhuvaneshwari
74	3590018	BINU ROSHIN J	Binu
75	3590021	DEEPIKA G	Deepika
76	3590022	DEEPIKA V S	Deepika
77	3590023	DEVSREE S	Devsree
78	3590024	DHIKSHITHA N	Dhikshitha
79	3590025	DOLLY SHELMA J	Dolly
80	3590026	EBIN BRITTO M	Ebin
81	3590028	GLADYS TRYPHENA P	Gladys
82	3590030	HEMALATHA G	Hemalatha
83	3590031	ISWARYA M	Iswarya
84	3590032	JAYAPRIYA R S	Jayapriya
85	3590033	JEYABHARATHI R	Jeyabharathi
86	3590034	KALAIARASI S	Kalaiarasi
87	3590035	KAMALA GURUVAYURAPPAN	Kamala
88	3590036	KARTHIGA T	Karthiga
89	3590037	KAVEEYA G R	Kaveeya
90	3590038	KAVIYA M	Kaviya
91	3590040	KOLAPALLI LAKSHMI NIKHITHA	Kolapalli
92	3590044	MADHUMITHA S	Madhumitha
93	3590046	MANISHA S	Manisha


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94	3590047	MANUMETHA R	Manumetha R
95	3590048	MEENA S	Meena S
96	3590049	MEGHA K C	Megha K C
97	3590051	MONIKA R	Monika R
98	3590052	MOUNIKA G	Mounika G
99	3590054	NANDHINI M	Nandhini M
100	3590057	NISAR FARHEEN A	Nisar Farheen A
101	3590058	NIVEDHA C	Nivedha C
102	3590059	NIVEDHA S	Nivedha S
103	3590060	PAVITHRASREE G	Pavithrasree G
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PARTICIPANT CERTIFICATES



















































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SATHYABAMA DENTAL COLLEGE
AND HOSPITAL



RESEARCH METHODOLOGY- BASICS

CERTIFICATE OF PARTICIPATION

This Certificate is presented to
AGNES SONALI S

**For participating in the value added course
"Research Methodology-Basics" conducted by
The Department of Public Health Dentistry
from 4/11/2019 to 8/11/2019**

DR. B. THAYUMANAVAN MDS
DEAN

DR. V. ANU MDS
HEAD OF THE DEPARTMENT



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TO BE UNIVERSITY)

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SCHOOL OF LAW

IN COLLABORATION WITH

OPEN SECURITY ALLIANCE

VALUE ADDED COURSE

ON

**“ INFORMATION TECHNOLOGY
LAWS ”**

For 30 Hours of Duration

Scheduled from

20th August to 27th September 2019

**SCHOOL OF LAW
VALUE ADDED COURSES
SYLLABUS
INFORMATION TECHNOLOGY LAWS**

Duration: 30 Hours

Objectives:

- To make the students to understand the importance and basics of Information Technology Laws
- Enables the students to learn the various facets of IT Laws over Internet age and its impact
- To make the students to learn the interconnection of IT Law over commercial and IPR Laws.

UNIT I: INTRODUCTION

Meaning of Information Technology – relationship between technology and law – concept of jurisdiction on the context of Information Technology

UNIT II: INFORMATION TECHNOLOGY ACT, 2000

Salient features of Information Technology Act, 2000 – Aims and objectives of the Act – Legal recognition of Electronic records and electronic evidence – Duties of Subscribers – Role of Certifying Authorities – Regulations under the Act – The Cyber Regulations Appellate Tribunal

UNIT III: E-COMMERCE

UNCITRAL Model – Importance of E-Commerce – Legal aspects of E-Commerce – Technical & Legal issues in E-Commerce – E-Taxation – E-Banking

UNIT IV: IPR IN INFORMATION TECHNOLOGY (PART I)

Copyright in Information Technology – Multimedia & Copyright issues – Software piracy – Patents in Information Technology -European position on computer related patents – Legal position of U.S on computer related patents – Indian position on computer related patents.

UNIT V: IPR IN INFORMATION TECHNOLOGY (PART II)

Trademark in internet – Domain Name Registration – Domain Name Disputes & WIPO – Databases and its protection – position in USA, India and EU

COURSE OUTCOMES

On the completion of the course the student will be able to

CO1: Student are able to have in-depth understanding of Information Technology Law.

CO2: Student are able to understand various Cyber Crimes.

CO3: Student are able to understand e-commerce.

CO4: Student are made to be acquainted with social and intellectual property issues in Cyberspace.

CO5: Student are equipped with the regulations of the Information Technology law and various mechanisms working under the IT Act.

CO6: This Course will equip the Student with the required Professional Skills

SCHOOL OF LAW

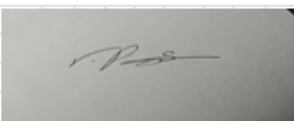
List of Students enrolled for Transferable and Life Skills

PROGRAM 3 : INFORMATION TECHNOLOGY LAWS

B.B.A.LL.B(Hons)

38950001	ABINAYA. N
38950002	ABITHA. P
38950003	AISHWARYA. K
38950004	ARAVIND. R
38950005	ARYA ABARANJI. P. S
38950006	ASHVITHA. R
38950007	ATCHAYA. N
38950008	DAYAN SHARIFF. R
38950009	GETHCY MAGDALENE. R
38950010	HARIPRASANTH. S
38950011	JOHNSI. V
38950012	JOSEPH JOHNNY LOUIS. J
38950013	MANIBHARATHI. A. M
38950014	MUTHUMALAN. M
38950015	NIKHIL. A. S
38950016	PRIYADHARSHINI. V
38950017	RISHI KANNAN. A
38950018	SAFRA. A
38950019	SRI HARIHARAN. R
38950020	SUGANYA. R
38950021	TAMILSELVAN. B
38950022	THAMIZHILLAKIYA. S
38950023	M.ZIYANA FARHEEN.M

B.Com.LL.B(Hons)

B.B.A. LL.B (Hons)		Aug-19										Sep-19																			
Reg. No	Name of the student	20	21	22	24	26	27	28	29	#	3	4	5	6	7	9	10	11	12	13	16	17	18	19	20	21	23	24	25	26	27
38950001	ABINAYA. 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
38950002	ABITHA. 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	P
38950003	AISHWARYA. K	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
38950004	ARAVIND. 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	P	P	a	P	P	P
38950005	ARYA ABARANJI. P. S	P	P	P	P	P	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
38950006	ASHVITHA. R	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	P	P	P	P	P
38950007	ATCHAYA. N	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	P	P	P
38950008	DAYAN SHARIFF. 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	P	P	P	P	P	P
38950009	GETHCY MAGDALENE.	P	P	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P
38950010	HARIPRASANTH. 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
38950011	JOHNSI. V	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	a	P	P	P	P
38950012	JOSEPH JOHNNY LOUIS.	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
38950013	MANIBHARATHI. A. 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
38950014	MUTHUMALAN. M	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	P
38950015	NIKHIL. A. 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
38950016	PRIYADHARSHINI. V	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
38950017	RISHI KANNAN. 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
38950018	SAFRA. A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	a	a	P	P	P	P	P	P	P	P	P	P	P
38950019	SRI HARIHARAN. R	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
38950020	SUGANYA. 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
38950021	TAMILSELVAN. 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	a	P	P
38950022	THAMIZHILLAKIYA. 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
38950023	M.ZIYANA FARHEEN.M	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P
NAME & SIGNATURE OF THE COURSE COORDINATOR		SIGNATURE OF DEAN																													
																															
V. POOJASREE		DEAN																													
		School of Law																													
		Dr.Dilshad Shaikh M.L.M.S.A.,Ph.D(Law) Professor & Dean School of Law Sathyabama Institute of Science and Technology Rajiv Gandhi Hotel, Chennai - 600 016.																													

SCHOOL OF LAW VALUE ADDED COURSE

The Value-added Course on Legal Research Schemes was held from 20th August to 27th September 2019. The event was organized in coordinated by Ms.V.Poojasree. This event was conducted in virtual mode. The event had around 46 student participants from School of Law. The main aim of conducting this event is to enable the students to enable to understand, explore and critical understanding cyber law. The Course has covers 5 modules covering the context of overview of Information Technology Law interface with cybercrimes, regulation cyber crimes, IPR in cyber space, cyber security etc.



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Date: 01.02.2019

CIRCULAR

VALUE ADDED COURSES – OFFERED BY SCHOOL OF LAW

It is informed to all the students, who have enrolled for the Value Added Courses (2 credit courses for 30 hours duration) offered that the courses starts from 4th February to 8th March 2019. Detailed instructions along with login credentials for taking up these courses are sent to your E-mail IDs. All the students are requested to follow the guidelines given in their e-mail to derive the maximum benefits from the classes.

DEAN

School of Law

Dr. Dilshad Shaikh M.L.M.S.A., Ph.D (Law)
Professor & Dean
School of Law
Sathyabama Institute of Science and Technology
Rajiv Gandhi Salai, Chennai - 600 079.

Copy to

1. Dean Student affairs for information
2. Course coordinators
3. Registered Students
4. Notice Boards



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SCHOOL OF LAW CERTIFICATE

This is to certify

Mr.Poovendra Kumar , II B.Com.LLB(Hons)

Has successfully completed the Value Added Course on "Information Technology Laws" conducted by School of Law, Sathyabama Institute of Science and Technology (Deemed to be University) in association with Open Security Alliance

DR.S.SUNDARI
DIRECTOR ADMINISTRATION

DR. DILSHAD SHEIKH
DEAN SCHOOL OF LAW

MRS. POORNA SREE
COURSE COORDINATOR



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This is to certify

Mr.A.S.NIKHIL

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DR.S.SUNDARI
DIRECTOR ADMINISTRATION

DR. DILSHAD SHEIKH
DEAN SCHOOL OF LAW

MRS. POORNA SREE
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This is to certify

Ms.THAMIZHILLAKIYAN S

Has successfully completed the Value Added Course on "Information Technology Laws" conducted by School of Law, Sathyabama Institute of Science and Technology (Deemed to be University) in association with Open Security Alliance

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DIRECTOR ADMINISTRATION

DR. DILSHAD SHEIKH
DEAN SCHOOL OF LAW

MRS. POOJA SREE
COURSE COORDINATOR



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DIRECTOR ADMINISTRATION

DR. DILSHAD SHEIKH
DEAN SCHOOL OF LAW

MRS. POOJA SREE
COURSE COORDINATOR



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INSTITUTE OF SCIENCE AND TECHNOLOGY
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Accredited with Grade 'A' by NAAC | Approved by AICTE

SCHOOL OF LAW CERTIFICATE

This is to certify

Mr.A.RISHI KANNAN

Has successfully completed the Value Added Course on "Information Technology Laws" conducted by School of Law, Sathyabama Institute of Science and Technology (Deemed to be University) in association with Open Security Alliance

DR. G. SUNDARI
DIRECTOR ADMINISTRATION

DR. DILSHAD SHEIKH
DEAN SCHOOL OF LAW

MRS. POORNA SREE
COURSE COORDINATOR



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
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SCHOOL OF LAW CERTIFICATE

This is to certify

Ms. M ZIYANA FARHEEN

Has successfully completed the Value Added Course on "Information Technology Laws" conducted by School of Law, Sathyabama Institute of Science and Technology (Deemed to be University) in association with Open Security Alliance

DR. G. SUNDARI
DIRECTOR ADMINISTRATION

DR. DILSHAD SHEIKH
DEAN SCHOOL OF LAW

MRS. POORNA SREE
COURSE COORDINATOR



SATHYABAMA

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SCHOOL OF LAW

OFFERS

VALUE ADDED COURSE

ON

INTERNATIONAL AND COMPARATIVE LAW

From February 03, 2019 to March 06, 2019

Venue: Zoom Meeting

SCHOOL OF LAW
VALUE ADDED COURSES
SYLLABUS

INTERNATIONAL AND COMPARATIVE LAW

Duration: 30 hours

Course Objectives

- To understand the foundational aspects and principles of international law
- To disseminate knowledge on the normative considerations of International Human Rights Law
- To create awareness about the necessary international legal standards on business transactions
- To throw light the comparative constitutional structures of US, UK, Africa, Middle-Eastern and SAARC Countries
- To expose on the normative background on the Comparative Environmental Law

Unit-I: Introduction to Public International Law

Module 1: Sources of International Law – Relation of International Law to Municipal Law

Module 2: Principles of International Law – State Sovereignty, Sovereignty equality of States, non-use of force

Module 3: Peaceful Settlement of Disputes.

Unit-II: International Human Rights Law

Module 1: Sources of IHRL – IHRL and Global South Perspectives

Module 2: Core International Human Rights Instruments

Module 3: International Human Rights Monitoring Institutions in Action

Unit-III: International Business Transactions

Module 1: Introduction to International Investment Law

Module 2: BITs – Law on International Commercial and Sale Contracts

Module 3: UNIDROIT Principles

Unit-IV: Comparative Constitution Law

Module 1: Comparative Constitutionalism

Module 2: Basic Doctrines of US, UK and SAARC Constitution

Module 3: Principles of Federalism

Module 4: Doctrine of Separation of Powers

Module 5: Treaty Making mechanism and Foreign Policy Discourse

Unit-V: Comparative Environmental Law

Module 1: Introduction & Principles to International Environmental Law

Module 2: Principles – Sustainable Development, Polluters Pay, Precautionary principles, Inter-generational equity

Module 3: Law of Climate Change – Stance of national responsibility.

On the completion of the course the student will be able to

CO1: This Course will give a brief idea about sources and principles of international law.

CO2: Helps the students in understanding the core concept of historical aspects of international human rights law.

CO3: Enhances practical based skills in students.

CO4: Provides the students a brief overview about the implementation and regulation mechanisms.

CO5: This course also gives an understanding about the principles of comparative constitutional and environmental law.

CO6: this course will equip the students with the required professional skills.



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www.sathyabama.ac.in**

SCHOOL OF LAW

List of Students enrolled for Transferable and Life Skills

PROGRAM 4 : INTERNATIONAL COMPARATIVE LAW

B.A.LL.B(Hons)

39930001	AKASH MATHEW. Y
39930003	ANJANA SHREE. J
39930004	ANSLIN SUJA. J
39930006	ASHWITHA MARIA RENI. A
39930007	ASWINI. S
39930009	DEEPIKA. N
39930010	DEEPIKA. S
39930011	DHANJAY PRASAD. M
39930012	DIVYA. M
39930013	HARI KRISHNAN. P
39930014	HARINI. G
39930015	INDRANI. P
39930016	KEERTHANA. S
39930017	LAKSHANA. J.V
39930018	MONISHA. S
39930019	MRUTHUL DEVAVARAM WILFRED. S
39930020	NIDHISHINI. K
39930021	NIVETHITHA. L
39930022	POORNIMA. D
39930023	RETHINA RAJ. A
39930024	SAYAMI. V.K
39930025	SHRI ABARNA. M

		February - 2019																				March - 2019									
Reg.No	Name of the Student	4	5	6	7	8	9	11	11(I)	12	13	14	15	16	18	19	20	21	22	23(I)	23(II)	25	26	27	28	1	2(I)	2(II)	4	5	6
39930001	AKASH MATHEW. Y	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
39930003	ANJANA SHREE. J	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
39930004	ANSLIN SUJA. J	P	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P	P	P	P
39930006	ASHWITHA MARIA RENI. 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
39930007	ASWINI. S	P	P	P	a	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
39930009	DEEPIKA. 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
39930010	DEEPIKA. S	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	a	P	P	P	P
39930011	DHANJAY PRASAD. M	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
39930012	DIVYA. M	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	P	P	P
39930013	HARI KRISHNAN. 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	a	P	P	P
39930014	HARINI. G	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
39930015	INDRANI. 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
39930016	KEERTHANA. S	P	P	P	a	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
39930017	LAKSHANA. J.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
39930018	MONISHA. 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
39930019	MRUTHUL DEVAVARAM WILFRED.	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
39930020	NIDHISHINI. K	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
39930021	NIVETHITHA. L	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	P
39930022	POORNIMA. D	P	P	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
39930023	RETHINA RAJ. A	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
39930024	SAYAMI. V.K	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	a	P	P	P	P
39930025	SHRI ABARNA. M	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	P	P
NAME & SIGNATURE OF COURSE COORDINATOR																						SIGNATURE OF DEAN									
																															
P.S.S.GOWRI SHANGAR																						DEAN									
																						School of Law									
																															



SATHYABAMA
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www.sathyabama.ac.in

Date: 01.02.2019

CIRCULAR

VALUE ADDED COURSES – OFFERED BY SCHOOL OF LAW

It is informed to all the students, who have enrolled for the Value Added Courses (2 credit courses for 30 hours duration) offered that the courses starts from 4th February to 8th March 2019. Detailed instructions along with login credentials for taking up these courses are sent to your E-mail IDs. All the students are requested to follow the guidelines given in their e-mail to derive the maximum benefits from the classes.

DEAN

School of Law

Dr. Dilshad Shaik M.L., B.B.A., Ph.D (Law)
Professor & Dean
School of Law
Sathyabama Institute of Science and Technology
Rajiv Gandhi Salai, Chennai - 600 075.

Copy to

1. Dean Student affairs for information
2. Course coordinators
3. Registered Students
4. Notice Boards

SCHOOL OF LAW
VALUE ADDED COURSE
On
INTERNATIONAL & COMPARATIVE LAWS

The Value-added Course on Information Technology Laws was held from 3rd February and 6th March 2019. The event was organized in coordinated by Mr.PSS.Gowri Shangar. The event had around 23 student participants from School of Law. The main aim of conducting this event with an objective to make the student learn the foundational aspects and principles of International Law. The Course has focused on 5 modules with the key highlights of Public International Law, International Human Rights Law, International Business transactions, Comparative Constitution Law, Comparative Environmental Law etc.,

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SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

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SCHOOL OF LAW

Offers

VALUE ADDED COURSE

On

CRIMINOLOGY

From February 06,2019 To March 06,2019

PLATFORM : ZOOM

SCHOOL OF LAW
VALUE ADDED COURSES
SYLLABUS
CRIMINOLOGY
30 HOURS

COURSE OBJECTIVES

- To introduce the basic Concepts and principles in criminal law.
- To understand the meaning of crime and the essential principles of criminal liability
- To study about various offences under the Indian Penal Code.

UNIT 1 – INTRODUCTION

Constituents of Crime and General Principles of Criminal Liability- Punishment: Theories, Crime: Elements of Crime- Actus Reus - Mens Rea - Concurrence between Actus Reus & Mensrea - Causation- Principle of Legality - Corporate Liability- Vicarious Liability Specially Referring to Sec. 34, 114, 149 of IPC- Strict Liability- Jurisdiction of IPC (Sec. 2-5).

UNIT 2 – GENERAL EXCEPTIONS

Judicial Acts (Sec.77, 78) - Mistake of Fact (Sec. 76-79) - Defence of Accident (Sec.80) -Defence of Necessity (Sec.81) - Defence of Minority (Sec. 82,83) - Defence of Insanity (Sec.84) - Defence of Intoxication (Sec. 85,86) – Consent (Sec. 87-92) - Right of Private Defence (Sec. 96 to 106) - Abetment (Sec. 107- 120) - Criminal Conspiracy (Sec. 120A and 120B).

UNIT 3 – OFFENCES AGAINST HUMAN BODY AND OTHER OFFENCES

Offences Affecting Life: Culpable Homicide - Murder - Causing Death by Negligence - Dowry Death - Abetment - Attempt to Suicide - Hurt- Grievous Hurt- Acid Attack - Criminal Force and Assault - Wrongful Restraint - Wrongful Confinement - Kidnapping and Abduction - Offences Relating to Marriage: Bigamy - Adultery - Cruelty by Husband and Relatives of Husband- Sexual Offences: Rape - Amendment of Rape Laws in India - 2013 Amendment - Unnatural Offences - Other Offences: Defamation - Public Nuisance - Criminal intimidation.

UNIT 4 – OFFENCES AGAINST PROPERTY AND PUBLIC TRANQUILITY

Property Offences: Theft- Extortion- Robbery- Dacoity - Criminal Misappropriation of Property - Criminal Breach of Trust - Cheating - Mischief - Criminal Trespass - Offences against Public Tranquility: Unlawful assembly - Rioting – Assaulting or obstructing public servant - Provocation and communal enmity - Affray.

UNIT 5 – OFFENCES AGAINST STATE

Waging War against the State - Assaulting High Officer - Sedition - Offences relating Army: Navy and Air force - Suffering Escape or Harboring a State Prisoner or Prisoner of War

COURSE OUTCOMES:

CO1: This Course is designed to impart to the students the conceptual foundations of crime, punishments and certain exceptions.

CO2: Helps the students in understanding the offences relating to human body, the most important aspect of criminal law with the relevance of heinous crimes of present situation.

CO3: This course focuses on another aspect of property related crimes which helps the students in choosing their area of specialization.

CO4: Enhances the students to have a wider perspective of offences against state and high commands.

CO5: Helps the students to have better perspective about the punishments and their applicability

CO6: This Course will equip the students with the required Professional Skills

SCHOOL OF LAW

List of Students enrolled for Transferable and Life Skills

PROGRAM 5 : CRIMINOLOGY

B.B.A.LL.B(Hons)

38950001	ABINAYA. N
38950002	ABITHA. P
38950003	AISHWARYA. K
38950004	ARAVIND. R
38950005	ARYA ABARANJI. P. S
38950006	ASHVITHA. R
38950007	ATCHAYA. N
38950008	DAYAN SHARIFF. R
38950009	GETHCY MAGDALENE. R
38950010	HARIPRASANTH. S
38950011	JOHNSI. V
38950012	JOSEPH JOHNNY LOUIS. J
38950013	MANIBHARATHI. A. M
38950014	MUTHUMALAN. M
38950015	NIKHIL. A. S
38950016	PRIYADHARSHINI. V
38950017	RISHI KANNAN. A
38950018	SAFRA. A
38950019	SRI HARIHARAN. R
38950020	SUGANYA. R
38950021	TAMILSELVAN. B
38950022	THAMIZHILLAKIYA. S
38950023	M.ZIYANA FARHEEN.M

		FEBRUARY 2019																							MARCH 2019							
Reg.No	Name of the Student	6	7	8	9	11	11(II)	12	13	14	15	16(I)	16(II)	18	19	20	21	22	23(I)	23(II)	#	26	27	27(II)	28	1	2(I)	2(II)	4	5	6	
38950001	ABINAYA. N	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	a	P	P	P	
38950002	ABITHA. 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	P	
38950003	AISHWARYA. K	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	P	P	P	
38950004	ARAVIND. R	P	P	a	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	
38950005	ARYA ABARANJI. P. 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	
38950006	ASHVITHA. R	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	a	p	P	P	
38950007	ATCHAYA. 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	
38950008	DAYAN SHARIFF. R	P	P	P	P	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	
38950009	GETHCY MAGDALENE. 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	P	P	P	P	P	P	
38950010	HARIPRASANTH. S	P	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	P	P	
38950011	JOHNSI. V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P	a	P	P	P	P	P	P	P	
38950012	JOSEPH JOHNNY LOUIS	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	
38950013	MANIBHARATHI. A. 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	
38950014	MUTHUMALAN. M	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	
38950015	NIKHIL. A. 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	
38950016	PRIYADHARSHINI. V	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	P	
38950017	RISHI KANNAN. A	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	
38950018	SAFRA. 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	a	P	P	P	P	P	
38950019	SRI HARIHARAN. 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	P	P	P	P	P	P	
38950020	SUGANYA. R	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	P	P	P	
38950021	TAMILSELVAN. B	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	
38950022	THAMIZHILLAKIYA. S	P	P	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	a	P	P	
38950023	M.ZIYANA FARHEEN.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	
NAME & SIGNATURE OF COURSE COORDINATOR																									SIGNATURE OF DEAN							
																																
K.SOFIYA																									DEAN							
																									School of Law							
																									Dr. Dileepkumar S. S. (Principal) and Dr. Dileepkumar S. S. (Dean) Department of Law, Government College of Arts and Science, Vellore, Tamil Nadu - 686 015							



SATHYABAMA

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www.sathyabama.ac.in

Date: 05.08.2019

CIRCULAR

VALUE ADDED COURSES – OFFERED BY SCHOOL OF LAW

It is informed to all the students, who have enrolled for the Value Added Courses (2 credit courses for 30 hours duration – 3 different courses) offered that the courses starts from 20th August to 27th September 2019 for Detailed instructions along with login credentials for taking up these courses are sent to your E-mail IDs. All the students are requested to follow the guidelines given in their e-mail to derive the maximum benefits from the classes.

DEAN

School of Law

Dr. Dilshad Shaikh M.L., M.B.A., Ph.D. (Law)
Professor & Dean
School of Law
Sathyabama Institute of Science and Technology
Rajiv Gandhi Salai, Chennai - 600 079.

Copy to

1. Dean Student affairs for information
2. Course coordinators
3. Registered Students
4. Notice Boards

**SCHOOL OF LAW
VALUE ADDED COURSE
On
CRIMINOLOGY**

The Value-added Course on Criminology was held from 6th February to 6th March 2019. The event was organized in coordinated by Ms.K.Sofiya. The event had around 23 student participants from School of Law. The main aim of conducting this event with an objective to make the student learn the theoretical and empirical knowledge pertaining to criminal law and juvenile justice. The course has also got an objective to illustrate how society views crime against women, human body and property. It has also made an attempt to demonstrate an in-depth understanding of the aspects of criminal justice, or law and its relationship to larger social issues. The Course has focussed on 5 modules covering the context of crime causation generally and in the context of specific offences such as white collar crimes , crime against women and children, terrorism etc., the Indian crime reality, Juvenile delinquency, punishments and its justification .



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SCHOOL OF LAW COURSE COMPLETION CERTIFICATE

This is to certify that Ms./Mr. **ARYA ABARANJ** pursuing IV-B.B.A.LL.B(HONS.) in School of Law, Sathyabama Institute of Science and Technology (Deemed to be University) has completed the Value Added Course on **"CRIMINOLOGY"** organized by School of Law from February 03 to March 06, 2019.

Dr. T. Sasiprabha
Vice-Chancellor
Sathyabama Institute of Science
and Technology

Dr. Dilshad Shaik
Dean, School of Law
Sathyabama Institute of Science and
Technology

Ms. K. Sofiya
Assistant professor, School of Law
Sathyabama Institute of Science
and Technology



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SCHOOL OF LAW COURSE COMPLETION CERTIFICATE

This is to certify that Ms./Mr. **V.JOHN SI** pursuing IV-B.B.A.LL.B(HONS.) in School of Law, Sathyabama Institute of Science and Technology (Deemed to be University) has completed the Value Added Course on **"CRIMINOLOGY"** organized by School of Law from February 03 to March 06, 2019.

Dr. T. Sasiprabha
Vice-Chancellor
Sathyabama Institute of Science
and Technology

Dr. Dilshad Shaik
Dean, School of Law
Sathyabama Institute of Science and
Technology

Ms. K. Sofiya
Assistant professor, School of Law
Sathyabama Institute of Science
and Technology



SATHYABAMA

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(DEEMED TO BE UNIVERSITY)
Accredited with Grade "A" by NAAC



SCHOOL OF LAW COURSE COMPLETION CERTIFICATE

This is to certify that Ms./Mr. **R.ASHVITHA** pursuing IV-B.B.A.LL.B(HONS.) in School of Law, Sathyabama Institute of Science and Technology (Deemed to be University) has completed the Value Added Course on **"CRIMINOLOGY"** organized by School of Law from February 03 to March 06, 2019.

Dr. T. Sasiprabha
Vice-Chancellor
Sathyabama Institute of Science
and Technology

Dr. Dilshad Shaik
Dean, School of Law
Sathyabama Institute of Science and
Technology

Ms. K. Sofiya
Assistant professor, School of Law
Sathyabama Institute of Science
and Technology



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited with Grade "A" by NAAC



SCHOOL OF LAW COURSE COMPLETION CERTIFICATE

This is to certify that Ms./Mr. **A SAFRA** pursuing IV-B.B.A.LL.B(HONS.) in School of Law, Sathyabama Institute of Science and Technology (Deemed to be University) has completed the Value Added Course on **"CRIMINOLOGY"** organized by School of Law from February 03 to March 06, 2019.

Dr. T. Sasiprabha
Vice-Chancellor
Sathyabama Institute of Science
and Technology

Dr. Dilshad Shaik
Dean, School of Law
Sathyabama Institute of Science and
Technology

Ms. K. Sofiya
Assistant professor, School of Law
Sathyabama Institute of Science
and Technology



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INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
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SCHOOL OF LAW COURSE COMPLETION CERTIFICATE

This is to certify that Ms./Mr. R SUGANYA pursuing IV-B.B.A.LL.B(HONS.) in School of Law, Sathyabama Institute of Science and Technology (Deemed to be University) has completed the Value Added Course on **"CRIMINOLOGY"** organized by School of Law from February 03 to March 06, 2019.

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and Technology



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SCHOOL OF LAW COURSE COMPLETION CERTIFICATE

This is to certify that Ms./Mr. HARIPRASANTH S pursuing IV-B.B.A.LL.B(HONS.) in School of Law, Sathyabama Institute of Science and Technology (Deemed to be University) has completed the Value Added Course on **"CRIMINOLOGY"** organized by School of Law from February 03 to March 06, 2019.

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Vice-Chancellor
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Dean, School of Law
Sathyabama Institute of Science and
Technology

Ms. K. Sofiya
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Sathyabama Institute of Science
and Technology



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ABOUT THE WORKSHOP



The Construction industry is a major labour intensive economic sector that needs a large improvement in the speed, quality and productivity of the construction work. Robotic technology, Automation and Artificial intelligence may pave the way for automated processes, increased productivity, faster work with more precision and accuracy resulting in financial savings.

The workshop aims to introduce the role of robotics and automation technologies with applications in

- Building Health Monitoring
- Application of Artificial Intelligence and Machine Vision in Building Automation
- Application of Robotics in Building Automation
- Application of Artificial Neural Network

ABOUT SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY (Deemed to be University)



Sathyabama Institute of Science and Technology (A Christian Minority Institution) formerly known as Sathyabama Engineering College was established in 1987 by Dr. Jeppiaar. It is a premier institute imparting knowledge in the areas of engineering, science, technology and education. The institution's progress and contribution to the field of technical education for over two decades resulted in granting Deemed University status on 16th July, 2001. Sathyabama Institute of Science and Technology with the blessings of Founder Chancellor Colonel Dr. JEPPIAAR has been strengthening its developmental activities in bearing fruits of research for betterment of the society.

INNOVATIVE APPLICATIONS OF ROBOTICS & AUTOMATED SYSTEMS IN CONSTRUCTION MANAGEMENT



13th – 18th March 2020

Department of Architecture

In Association with

International Association for Automation and Robotics in Construction



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DEPARTMENT OF ARCHITECTURE SCHOOL OF BUILDING AND ENVIRONMENT

The Department of Architecture, School of Building and Environment, is a state of the art design and management oriented school striving to create a responsive built environment through energy efficient and structurally stable infrastructure thereby fostering students to face the challenges of the dynamic World. The Department nurtures students in the exploration of skills, their creativity in design, and their expressions and creates a platform to collaborate on projects in developing innovative strategies in the built environment by integrating research skills throughout the curriculum. The School of Building and Environment consists of Department of Architecture and Department of Civil Engineering. The Department of Architecture offers Bachelor of Architecture as UG programme and Master of Architecture (Building Management) & Master of Architecture (Sustainable Architecture) as PG programmes.

IAARC

The growing interest shown internationally towards the end of the 1980's in Automation and Robotics in Construction (ARC) matters led to the formation of IAARC International Association for Automation and Robotics in Construction in 1990. By then a number of

international symposia had already been convened and the creation of IAARC satisfied the demand for an umbrella organization. IAARC is a global community with specific concern for all fields of construction including civil and building engineering, machine automation, robotics applications to construction, IT technologies, planning, logistics, etc.

RESOURCE PERSONS

Dr. Benny Raphael,
Professor, IIT Madras & Vice-president of IAARC

Mr. S. Kavin Kumar, Director, Engineering Project Management Consultancy and Research Private limited (EPMCR(P)LTD)

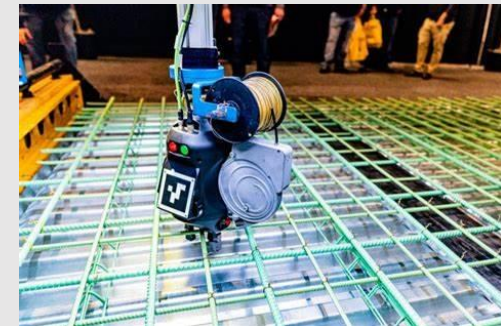
Dr. Devyani Gangopadhyay,
Dean, School of Building and Environment

REGISTRATION

Students: Rs.750/- per person.
Academician: Rs.1000/- per person.
Industry: Rs.1500/- per person.
Last date for Registration: 9th March 2020

Mode of Payment : All payments are to be made by demand draft payable at Chennai drawn in favour.....

For Spot Registration on 13th March, prior confirmation is required.



Reinforcing rods tie Robots

Brick laying Robot



CONTACT US

Ar. Sukirtha Suresh : 9444830060
Email- sukirthasuresh2000@gmail.com



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SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
SCHOOL OF BUILDING AND ENVIRONMENT
DEPARTMENT OF ARCHITECTURE
Robotic Workshop Sessions

Date & Time	9:00 a.m-11:00 a.m	11: 00 a.m-11:15 a.m	11:15 a.m-1:15p.m	1:15p.m -2:00p.m	2:00 p.m -4:00p.m
DAY 1(13.3.2020) Friday	Inauguration & Welcome address followed by session on Automation In Construction by Dr.Benny Raphael	Tea Break	Opportunities for automation - Brainstorming session -By Dr.Benny Raphael	Lunch Break	Application Examples - Mr.S.Kavin Kumar
DAY 2(14.3.2020) Saturday	Formwork Challenge - Mr.S.Kavin Kumar & team.	Tea Break	Formwork Challenge - Mr.S.Kavin Kumar & team.	Lunch Break	Formwork Challenge - Mr.S.Kavin Kumar & team.
DAY 3(16.3.2020) Monday	Hands on Session - Dr.Benny Raphael & team	Tea Break	Hands on Session - Dr.Benny Raphael & team	Lunch Break	Hands on Session -Dr.Benny Raphael & team
DAY 4(17.3.2020) Tuesday	3d simulation analysis and techniques in building management.	Tea Break	3d simulation analysis and techniques in building management.	Lunch Break	3d simulation analysis and techniques in building management.
DAY 5(18.3.2020) Wednesday	Applying the various skillset taught in the previous sessions to develop models	Tea Break	Applying the various skillset taught in the previous sessions to develop models	Lunch Break	Applying the various skillset taught in the previous sessions to develop models



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Course Outcomes

Understanding the need for Automation in construction and labour resource shortfalls and Quality work output.

Familiarizing the Opportunities on automation to reduce time and improving quality of construction.

Deriving the time and cost calculations with Real time construction site examples.

Exploring the challenges in the stage of formwork in construction with the ongoing project.

Constructing the importance of 3 D simulation and analysing techniques for construction project.





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SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF ARCHITECTURE

Robotics Workshop Attendance

S.No	REG NO	NAME OF THE STUDENT	13.3.2020	14.3.2020	16.3.2020	17.3.2020	18.3.2020
1	39840001	AAFREEN BANU	P	P	P	P	P
2	39840002	AGHALYA DIVYA JYOTHI	P	P	P	P	A
3	39840003	ALBART.A	P	P	P	P	P
4	39840005	DARRYL CHRISTOPHER	P	A	P	P	P
5	39840006	DEEPIKA.S	P	P	P	P	P
6	39840007	DIVYAA.Y.B.	P	P	P	P	P
7	39840008	JAGADEESH PANDIAN.C	P	P	P	P	P
8	39840009	KARTHIK. P	P	P	P	P	P
9	39840011	LISHALI.K	P	P	P	P	P
10	39840012	LOKHESH.S	P	P	A	P	P
11	39840013	MANJU.R	P	P	P	P	P
12	39840014	PRINCELY.K	P	P	P	P	P
13	39840015	PRIYANKA G	P	P	P	P	P
14	39840016	RAJARAJAN.B	P	P	P	P	P
15	39840017	RAM AKSHAYA.S	P	P	P	P	P
16	39840018	SOWMIYA.R	P	P	A	P	P
17	39840019	SWATHI LAKSHMI.M	P	P	P	P	P
18	39840020	THIRUMAVAZHAVAN.S	P	P	P	P	A
19	39840021	MONISHA NAGESWARAN	P	P	P	P	P

Devaraj
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 Chennai - 600 119.



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INNOVATIVE APPLICATIONS OF ROBOTICS & AUTOMATED SYSTEMS IN CONSTRUCTION MANAGEMENT

CERTIFICATE OF PARTICIPATION

This is to certify that AAFREEN BANU participated at this
robotics workshop from 13th to 18th march 2020
at department of architecture
your hard work, dedication, and achievement will be cherished.

Certified by:

Department of Architecture

**Sathyabama Institute of Science and Technology In Association with
International Association for Automation and Robotics in Construction**

Dr. Devyani Gangopadhyay

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



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INNOVATIVE APPLICATIONS OF ROBOTICS & AUTOMATED SYSTEMS IN CONSTRUCTION MANAGEMENT

CERTIFICATE OF PARTICIPATION

This is to certify that ALBART. A participated at this
robotics workshop from 13th to 18th march 2020
at department of architecture
your hard work, dedication, and achievement will be cherished.

Certified by:

Department of Architecture

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Sathyabama Institute of Science & Technology



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INNOVATIVE APPLICATIONS OF ROBOTICS & AUTOMATED SYSTEMS IN CONSTRUCTION MANAGEMENT

CERTIFICATE OF PARTICIPATION

This is to certify that JAGADEESH PANDIAN.C participated at this
robotics workshop from 13th to 18th march 2020
at department of architecture
your hard work, dedication, and achievement will be cherished.

Certified by:

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**Sathyabama Institute of Science and Technology In Association with
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Dr. Devyani Gangopadhyay
Dean & HOD, Dept. of Architecture
Sathyabama Institute of Science & Technology



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INNOVATIVE APPLICATIONS OF ROBOTICS & AUTOMATED SYSTEMS IN CONSTRUCTION MANAGEMENT

CERTIFICATE OF PARTICIPATION

This is to certify that MONISHA .N participated at this
robotics workshop from 13th to 18th march 2020
at department of architecture
your hard work, dedication, and achievement will be cherished.

Certified by:

Department of Architecture

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



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INNOVATIVE APPLICATIONS OF ROBOTICS & AUTOMATED SYSTEMS IN CONSTRUCTION MANAGEMENT

CERTIFICATE OF PARTICIPATION

This is to certify that PRINCELY. K participated at this
robotics workshop from 13th to 18th march 2020
at department of architecture
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INNOVATIVE APPLICATIONS OF ROBOTICS & AUTOMATED SYSTEMS IN CONSTRUCTION MANAGEMENT

CERTIFICATE OF PARTICIPATION

This is to certify that PRIYANKA. G participated at this
robotics workshop from 13th to 18th march 2020
at department of architecture
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INNOVATIVE APPLICATIONS OF ROBOTICS & AUTOMATED SYSTEMS IN CONSTRUCTION MANAGEMENT

CERTIFICATE OF PARTICIPATION

This is to certify that RAJARAJAN. B participated at this
robotics workshop from 13th to 18th march 2020
at department of architecture
your hard work, dedication, and achievement will be cherished.

Certified by:

Department of Architecture

**Sathyabama Institute of Science and Technology In Association with
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Sathyabama Institute of Science & Technology



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INNOVATIVE APPLICATIONS OF ROBOTICS & AUTOMATED SYSTEMS IN CONSTRUCTION MANAGEMENT

CERTIFICATE OF PARTICIPATION

This is to certify that RAM AKSHAYA. S participated at this
robotics workshop from 13th to 18th march 2020
at department of architecture
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Dr. Devyani Gangopadhyay
Dean & HOD, Dept. of Architecture
Sathyabama Institute of Science & Technology

A RANGE OF CERTIFICATION



40-49
points



50-59
points



60-79
points



80+
points

**Value Added Programme on
INTRODUCTION TO SUSTAINABLE BUILDINGS
And
LEED v4 rating systems
From 20.01.2020 to 24.01.2020
Sathyabama Institute of Science and Technology in
collaboration with EN3, Chennai**



SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
SCHOOL OF BUILDING AND ENVIRONMENT
DEPARTMENT OF ARCHITECTURE
LEED Workshop Sessions

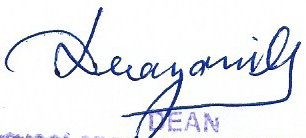
Date & Time	9:00 a.m-11:00 a.m	11: 00 a.m-11:15 a.m	11:15 a.m-1:15p.m	1:15p.m -2:00p.m	2:00 p.m -4:00p.m
DAY 1(20.1.2020) Monday	Intoductory session on Process to become a LEED green associate .	Tea Break	Green building design basics	Lunch Break	LEED Rating System
DAY 2(21.1.2020) Tuesday	LEED Implementation Measures	Tea Break	LEED Measures to be implemented in site-sustainable site	Lunch Break	Water Efficiency Measures
DAY 3(22.1.2020) Wednesday	Energy Efficiency Measures-Energy & Atmosphere.	Tea Break	Indoor Environmental Quality	Lunch Break	Innovations in LEED Design
DAY 4(23.1.2020) Thursday	Site Visit				
DAY 5(24.1.2020) Friday	Brainstorming exercises.	Tea Break	Exam pattern with explanations	Lunch Break	Mock test on Green Associate Program.

Course Outcome

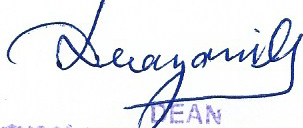
On completion of the course the student will be able to

- Comprehend the importance of green concepts and techniques
- Acquire knowledge on sustainable sites.
- Understand the importance of water efficiency through reduce, reuse and recycle
- Acquire the various aspects and parameters relevant to energy and atmosphere
- Comprehend the need of enhanced indoor environmental quality and innovation

Students Names	
Group 1	
Venue: Ground Floor CAD LAB	
1	Ashika P
2	Chitra S
3	Jagadish R
4	Jessy J
5	Kamalesvari S
6	Swetha S
7	Visalakshi C
8	Deepthi Krushnika A
9	Priyanga P
10	Rewanth Infant S
11	Rakesh Kumar M J
12	Ganesh Rajan S
13	Akshaya. C
14	Arkip Stelin D
15	Chandhini Menon S
16	Manjari A
17	Saptarshi Ghosh
18	Senthilvel.U
19	R.Shruthi
20	J.Trixie Leanna
21	S. Sahana
22	Subhashree .T
23	Yokesh .V
24	Arijeet Deb Roy
25	Haribalaji . K
26	Jaswanth Sakthi S A
27	Angeline Infancia D'Silva
28	Shivani S
29	Manisha S


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 Chennai - 600 119.

	Students Names
	Group 2
	Venue: M Arch SUSTAINABLE LAB
1	Guruji V
2	Jasvi J
3	Kadambari L
4	Shrija S
5	Shruthilaxmi J
6	Sivamonika C
7	Kokhil S
8	Selva Priyadharshan B
9	Clintia Karen D
10	Shalini S
11	Suhail A S
12	Yazhini S
13	Aushwinlal J
14	Indravarman A
15	Manjula S
16	Aravind Balaji M P
17	Varun.M
18	DC Ligitto Miraclin
19	J.Infant Tiffancy
20	M.Sindhuja
21	M.Surya Shree
22	Jonnalagadda Rajesh
23	Lavanya .K
24	S Dinesh Aravindan
25	K.Sri Chaanthana
26	Sai Swathi Badri
27	Sneha C N
28	P Chaitanya Sai Janardhan
29	Elton Subin R E


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 Chennai – 600 119.

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building careers



This is to certify that

CATHERINE.S

has successfully completed the course on

Introduction to Sustainable Buildings and LEED v4 Rating Systems

given at Sathyabama University, Chennai

this Twenty Fourth day of January in the year Two Thousand And Twenty

T.S. Manikandan

Chairperson - Technical Council



[Signature]

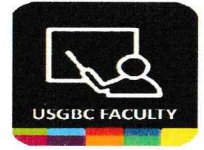
Registrar

Certificate # 2001042100101059

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This is to certify that

Ashika P

has successfully completed the course on

Introduction to Sustainable Buildings and LEED v4 Rating Systems

given at Sathyabama University, Chennai

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T. S. Manikandan

Chairperson - Technical Council



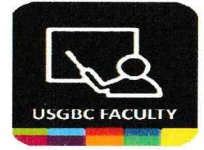
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This is to certify that

Chitra S

has successfully completed the course on

Introduction to Sustainable Buildings and LEED v4 Rating Systems

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T. S. Manikandan

Chairperson - Technical Council



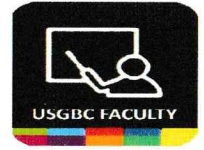
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This is to certify that

Jagadish R

has successfully completed the course on

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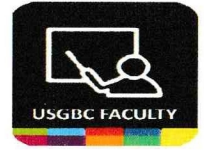
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This is to certify that

Jessy J

has successfully completed the course on

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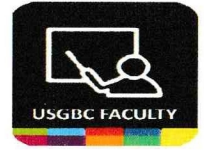
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This is to certify that

Kamalesvari S

has successfully completed the course on

Introduction to Sustainable Buildings and LEED v4 Rating Systems

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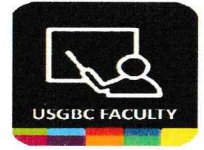
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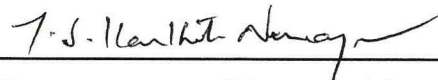
Swetha S

has successfully completed the course on

Introduction to Sustainable Buildings and LEED v4 Rating Systems

given at Sathyabama University, Chennai

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Chairperson - Technical Council



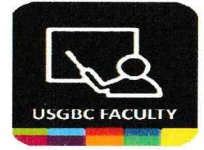


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This is to certify that

Visalakshi C

has successfully completed the course on

Introduction to Sustainable Buildings and LEED v4 Rating Systems

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T. S. Manikandan

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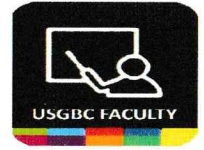
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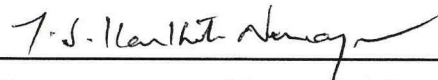
Deepthi Krushnika A

has successfully completed the course on

Introduction to Sustainable Buildings and LEED v4 Rating Systems

given at Sathyabama University, Chennai

this Twenty Fourth day of January in the year Two Thousand And Twenty



Chairperson - Technical Council



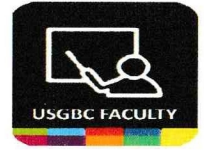


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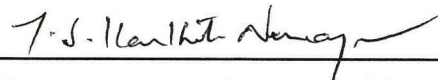
Priyanga P

has successfully completed the course on

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this Twenty Fourth day of January in the year Two Thousand And Twenty



Chairperson - Technical Council



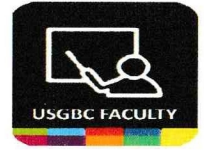


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Rewanth Infant S

has successfully completed the course on

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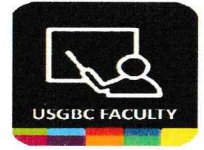
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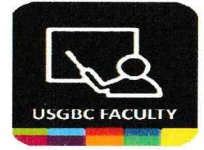
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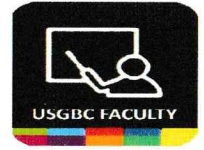
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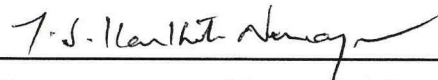
Akshaya C

has successfully completed the course on

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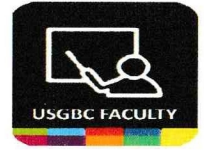


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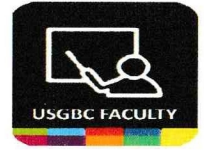
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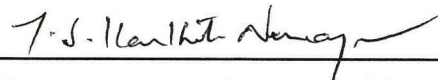
Chandhini Menon S

has successfully completed the course on

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