



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

Department of Electrical and Electronics Engineering

Value Added Courses (2021-2022)

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

Course: Electric and Hybrid Vehicle Technology



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
AARUPADAI VEEDU INSTITUTE OF
TECHNOLOGY, CHENNAI

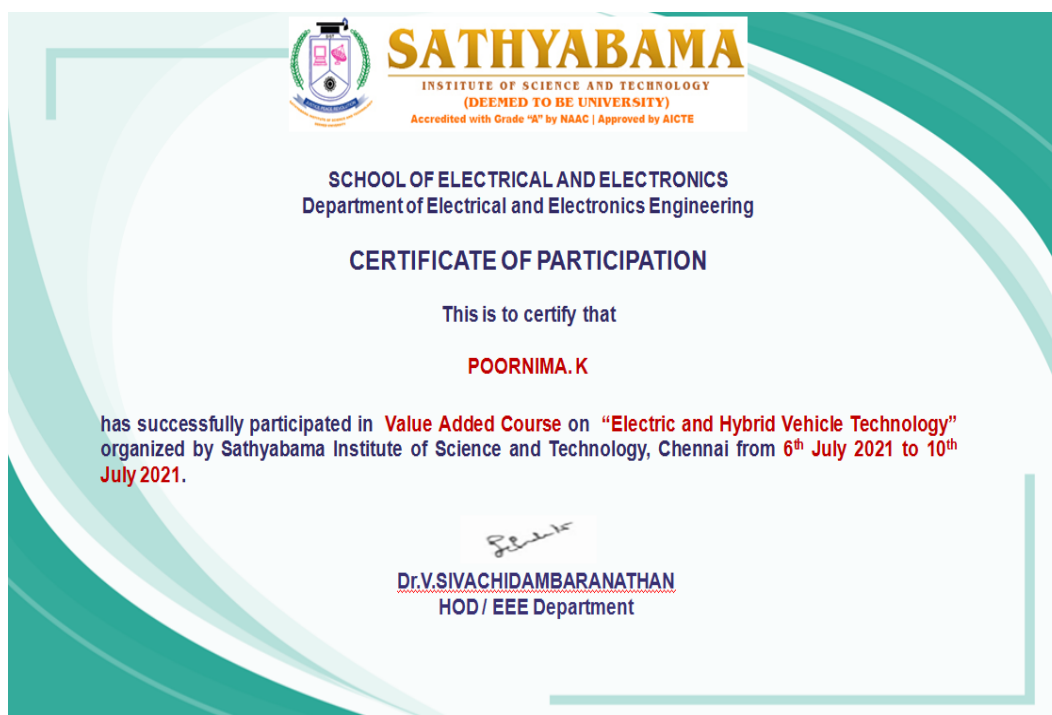
ORGANIZERS

Dr. Ramesh Babu, Associate Prof/EEE
Dr. Barnabas Paul Gladly, Assistant 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 Certificate: Electric and Hybrid Vehicle Technology



Participants List: Electric and Hybrid Vehicle Technology

S.No	Roll No.	Name of the Student	Batch/Year
1.	40140019	KISHORE. B	2020-2024/II Year
2.	40140020	KOWSALYA. S	2020-2024/II Year
3.	40140021	LINGADHARAN. B	2020-2024/II Year
4.	40140022	LOGESH. C	2020-2024/II Year
5.	40140023	MALATHI. C	2020-2024/II Year
6.	40140024	MOSES RAJ. P	2020-2024/II Year
7.	40140025	POORNIMA. K	2020-2024/II Year
8.	40140026	PRABAVATHI. B	2020-2024/II Year
9.	40140027	PULI PRIYANKA	2020-2024/II Year
10.	40140028	RENGANAYAGI. P	2020-2024/II Year
11.	40140029	ROJA. S	2020-2024/II Year
12.	40140030	S. RAKESH	2020-2024/II Year
13.	38140043	RAMATHOTA MADHU	2018-2022/ IV Year
14.	38140044	RAMYA. B	2018-2022/ IV Year
15.	38140045	RAMYA. R	2018-2022/ IV Year
16.	38140046	RANJANA. B	2018-2022/ IV Year
17.	38140047	RISHWANA. S	2018-2022/ IV Year
18.	38140048	SATHISH KUMAR. C	2018-2022/ IV Year
19.	38140049	SAYANTAN DEY	2018-2022/ IV Year
20.	38140050	SIVARATRI MAHESH	2018-2022/ IV Year
21.	38140051	SUBHASHINI. A	2018-2022/ IV Year
22.	38140052	SUDHARSAN. K	2018-2022/ IV Year
23.	38140053	SURESH. A	2018-2022/ IV Year
24.	38140054	SURYA. B	2018-2022/ IV Year
25.	38140055	SWEATHA. S	2018-2022/ IV Year
26.	38140056	SWETHA S	2018-2022/ IV Year
27.	38140057	TAMILSELVAN A	2018-2022/ IV Year
28.	38140058	TELFERD JUDE NICHOLAS HAWES	2018-2022/ IV Year
29.	38140059	TELU PALLAVISRI	2018-2022/ IV Year
30.	38140060	VAISHNAVI. R	2018-2022/ IV Year
31.	38140061	VELMURUGAN. R	2018-2022/ IV Year
32.	38140062	VENKATESAPERUMAL. B	2018-2022/ IV Year
33.	38140063	VIJO. V	2018-2022/ IV Year
34.	38140064	YANNAM SATYANARAYANAREDDY	2018-2022/ IV Year
35.	38140701	ARUN. S	2018-2022/ IV Year
36.	38140702	JAYA BHARATH REDDY. D	2018-2022/ IV Year
37.	38140703	KARRI LALITHA LAHARI	2018-2022/ IV Year
38.	38140704	PADIGAPATI NAVEEN REDDY	2018-2022/ IV Year
39.	38140705	YEADDANDI VENU GOPAL REDDY	2018-2022/ IV Year
40.	38140043	RAMATHOTA MADHU	2018-2022/ IV Year
41.	38140044	RAMYA. B	2018-2022/ IV Year
42.	38140045	RAMYA. R	2018-2022/ IV Year
43.	39140049	SARAN. P	2019-2023/III Year
44.	39140050	SHANTANU KUMAR	2019-2023/III Year
45.	39140051	SHREYANSH SINGH	2019-2023/III Year
46.	39140052	SINDHU. V	2019-2023/III Year
47.	39140053	SNEHA. D	2019-2023/III Year

48.	39140054	SNOWSHA. J	2019-2023/III Year
49.	39140055	SRIDHAR. P	2019-2023/III Year
50.	39140056	SRINATH. G	2019-2023/III Year
51.	39140057	STEPHIN MAJU. M	2019-2023/III Year
52.	39140058	SUJOY HALDER	2019-2023/III Year
53.	39140059	SUNEEL	2019-2023/III Year
54.	39140060	SURYA. V	2019-2023/III Year
55.	39140061	THARINI. N. P	2019-2023/III Year
56.	39140062	VENKATA SAI VASHISTA. V	2019-2023/III Year
57.	39140063	VIJAYA RAAGHAVAN. S	2019-2023/III Year
58.	39140701	ADUPA VIGNESH	2019-2023/III Year
59.	39140702	CHILUKURI VENKAT	2019-2023/III Year
60.	39140703	S. HRITHIK	2019-2023/III Year
61.	39140704	M SHIVA	2019-2023/III Year
62.	39140705	MUAZIM AYAS. T.A	2019-2023/III Year
63.	39140706	ARUN KUMAR. P.B	2019-2023/III Year
64.	39140707	UDAYA CHANDRAN. R	2019-2023/III Year



Course: Electric and Hybrid Vehicle Technology

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



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited With 'A' Grade by NAAC | 12B Status by UGC | Approved by AICTE



School of Electrical and Electronics
Department of Electrical and Electronics Engineering

Value Added Course
On
Hands on Training in Arduino Interface using
Tinkercad and Proteus for Real Time Applications

Chief Patrons
Dr. Mariazeena Johnson **Dr. Marie Johnson**
Chancellor President
Ms. Maria Bernadette Tamilarasi Johnson
Vice President

Patron
Dr. T. Sasipraba
Vice Chancellor
Convener
Dr. N. M. Nandhitha
Prof. & Dean, So EE
Dr. V. Sivachidambaranathan
Prof. & Head, Dept. of EEE

Organizer
Dr. M. Kavitha
Assistant Professor
Dept. of EEE

No Registration Fee!

Registration Details:
Duration: 30 hours (Aug 2021 to Sep 2021)
Link : <https://forms.gle/kHbvDs8CSHncQmdg6>
E Certificates will be provided for all participants

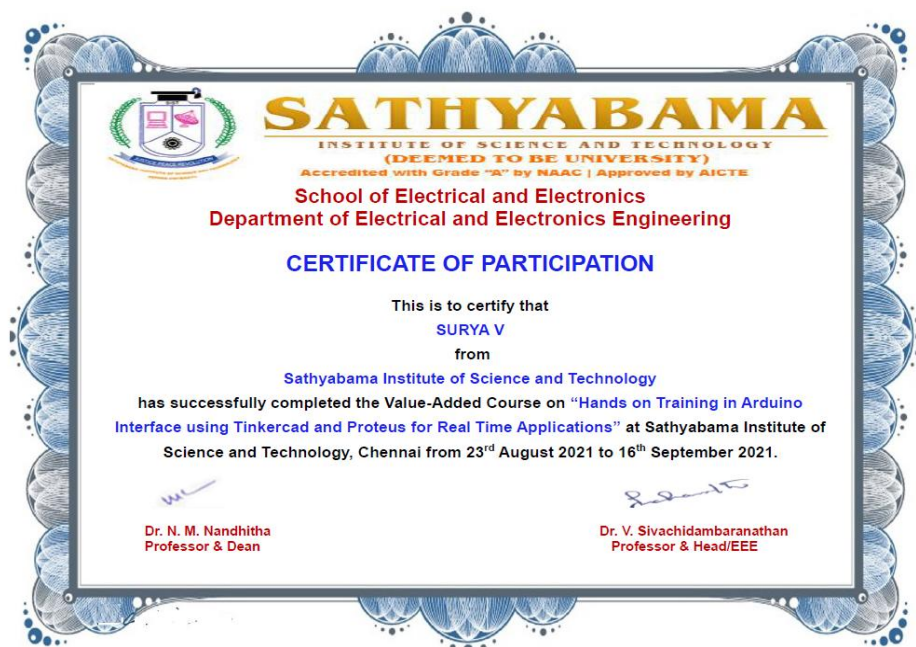
 **9444349679/ / 9840410850** **eeevac2021@gmail.com**

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

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

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

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



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

S.No	Name of the Student	Department	Batch/Year
1.	Abhay Kaushal	EEE	2020-2024/II Year
2.	Akhilesh Kandregula	ECE	2019-2023/III Year
3.	Akula Laxmi Prasanna	ECE	2019-2023/III Year
4.	Amudha	EEE	2019-2023/III Year
5.	Ananthi	ECE	2019-2023/III Year
6.	Ashwini S	EEE	2019-2023/III Year
7.	B L S S Krishnam Naidu	ECE	2019-2023/III Year
8.	Bakiyalakshmi V	ECE	2019-2023/III Year
9.	Banothu Hari Krishna	EEE	2019-2023/III Year
10.	Bharathi S	EEE	2019-2023/III Year
11.	Bhaskar Naidu. Mutyala	ECE	2019-2023/III Year
12.	Bonagiri Chandra Lekha	ECE	2019-2023/III Year
13.	C.V.N Sriharsha	ECE	2019-2023/III Year
14.	Chidipudi Ajaykumarreddy	ECE	2019-2023/III Year
15.	D. Sneha	EEE	2019-2023/III Year
16.	D.Kamaleeswari	EEE	2020-2024/II Year
17.	E.Narmadha	EEE	2019-2023/III Year
18.	Elamathi M	ECE	2019-2023/III Year
19.	F.Sheryn	EEE	2020-2024/II Year
20.	Gade Tharunadithya Reddy	ECE	2019-2023/III Year
21.	Gandareddy Divyasree	ECE	2019-2023/III Year
22.	Gayathri J	ECE	2019-2023/III Year
23.	Goutham K	ECE	2019-2023/III Year
24.	Gubbala Uday Subramanya Kumar	ECE	2019-2023/III Year
25.	Guna J	ECE	2019-2023/III Year
26.	Gunai N	EEE	2019-2023/III Year
27.	Gundlapudi Surya Teja	ECE	2019-2023/III Year
28.	Hakhilesh	ECE	2019-2023/III Year
29.	Harini.C	EEE	2019-2023/III Year
30.	Ila Venkata Sitharam	ECE	2019-2023/III Year
31.	Iswarya S	EEE	2019-2023/III Year
32.	Jaya Breestlin	EEE	2020-2024/II Year
33.	Jayabharathi A	ECE	2019-2023/III Year
34.	K Krishna Babu	EEE	2019-2023/III Year
35.	K Vanaja	ECE	2019-2023/III Year
36.	Kalavakunta Sri Venkateswararao	ECE	2019-2023/III Year
37.	Kandula Sruthi	ECE	2019-2023/III Year
38.	Keerthana M S	EEE	2019-2023/III Year
39.	Kiruba .Y	ECE	2019-2023/III Year
40.	Konchada Pavan	ECE	2019-2023/III Year
41.	S. Krishna Prasath	ECE	2019-2023/III Year
42.	Logeshwaran J	EEE	2019-2023/III Year
43.	Logeshwari.A	EEE	2019-2023/III Year

44.	Lokesh. M	ECE	2019-2023/III Year
45.	M Ajay Kumar Reddy	ECE	2019-2023/III Year
46.	M. Suriyapriya	ECE	2019-2023/III Year
47.	Machavarapu Lalitha Sree	EEE	2019-2023/III Year
48.	Mahanthi Madhusudhana Rao	EEE	2019-2023/III Year
49.	Male Sai Vamshi	ECE	2019-2023/III Year
50.	Manasa G	ECE	2019-2023/III Year
51.	Manisha S	ECE	2019-2023/III Year
52.	Manoj Kumar Nowkatla	ECE	2019-2023/III Year
53.	Mathesh.A	ECE	2019-2023/III Year
54.	Md Dilshad	EEE	2019-2023/III Year
55.	N.P.Tharini	EEE	2019-2023/III Year
56.	N.Yaseer Basha	ECE	2019-2023/III Year
57.	Neeli Vijaya Durga	ECE	2019-2023/III Year
58.	Nikesh Kumar S	ECE	2019-2023/III Year
59.	P. Swetha	ECE	2019-2023/III Year
60.	Parthiba S	ECE	2019-2023/III Year
61.	Pavithra P	EEE	2019-2023/III Year
62.	Pavithra V	EEE	2019-2023/III Year
63.	Pavithra.S	ECE	2019-2023/III Year
64.	Poornima. K	ECE	2019-2023/III Year
65.	Poovarasi.G	EEE	2019-2023/III Year
66.	Prabavathi. B	ECE	2019-2023/III Year
67.	Pradeena.G	EEE	2019-2023/III Year
68.	Prasad Pudi	ECE	2019-2023/III Year
69.	Prithi K	EEE	2019-2023/III Year
70.	Raagav S R	ECE	2019-2023/III Year
71.	Raagila .K	ECE	2019-2023/III Year
72.	Rahul S	EEE	2019-2023/III Year
73.	Ravi Sankara Narayana	ECE	2019-2023/III Year
74.	Ravoor Sujitha	ECE	2019-2023/III Year
75.	Ravuri Aravind	EEE	2019-2023/III Year
76.	Renganayagi	ECE	2019-2023/III Year
77.	Riya Singh	ECE	2019-2023/III Year
78.	Rohit Sharma	ECE	2019-2023/III Year
79.	S. Anandhi	ECE	2019-2023/III Year
80.	S.Abi	ECE	2019-2023/III Year
81.	S.Kowsalya	ECE	2019-2023/III Year
82.	S.Sabari Ganesh	ECE	2019-2023/III Year
83.	S.Sathwika Vijay	ECE	2019-2023/III Year
84.	Saran P	EEE	2019-2023/III Year
85.	Sarathi	ECE	2019-2023/III Year
86.	Selva Brindha K	ECE	2019-2023/III Year
87.	Settipalli Naga Pranavi	ECE	2019-2023/III Year
88.	Shahukari Hemanth	ECE	2019-2023/III Year
89.	Shaik Nainaz	ECE	2019-2023/III Year
90.	Shalini.E	ECE	2019-2023/III Year

91.	Shivangi Kumari	ECE	2019-2023/III Year
92.	Sindhu V	ECE	2019-2023/III Year
93.	Siva Reddy	ECE	2019-2023/III Year
94.	Sonika . K. M	ECE	2019-2023/III Year
95.	Soumya Ranjan Mishra	ECE	2019-2023/III Year
96.	Sruthi Kandhula	ECE	2019-2023/III Year
97.	Sujitha Raveer	ECE	2019-2023/III Year
98.	Sujoy Halder	EEE	2019-2023/III Year
99.	Surya V	EEE	2019-2023/III Year
100.	Udayachandran.R	EEE	2019-2023/III Year
101.	Udhayasurya G	ECE	2019-2023/III Year
102.	Vaddi Jagadeesh	ECE	2019-2023/III Year
103.	Veda Samhitha	ECE	2019-2023/III Year
104.	Venkat Chilukuri	EEE	2019-2023/III Year
105.	Vinay Veerabathin	ECE	2019-2023/III Year
106.	Vinay	ECE	2019-2023/III Year
107.	Tirukkovalluri Brahmateja	ECE	2019-2023/III Year
108.	G. Ganga Bhavani	ECE	2019-2023/III Year

School of Electrical and Electronics Department of Electrical and Electronics Engineering

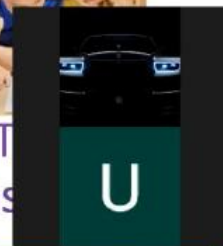


Value Added Course
on

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



Course Duration : 30 Hours
Date : 23.08.2021 to 16.09.2021
Timing : 5.30pm to 6.30pm (Monday to Friday)



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

Course: Design of Solar Photovoltaic System



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

SCHOOL OF ELECTRICAL AND ELECTRONICS
DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

Organizes
a
Value Added Course
on

**DESIGN OF SOLAR PHOTOVOLTAIC
SYSTEM**

Date : 16th November 2021 to 20th November 2021

Resource person:

**Mr. Savan Datta, Assistant
Engineer, SFD Engineers,
New Delhi**

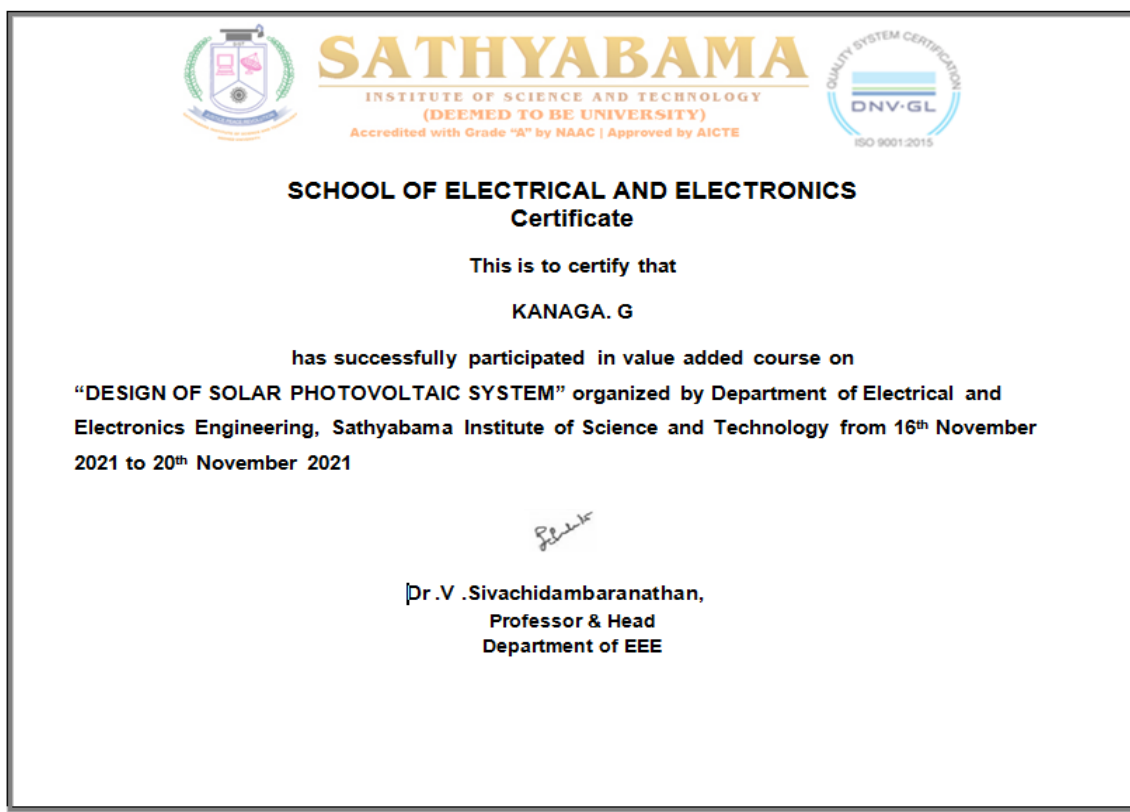
Conveners: Dr. N.M. Nandhitha, Dean/ School of EEE
Dr. V. Sivachidambaramanathan, HOD/EEE
Organizers: Dr. Sundar Singh Jebaseelan
Dr. D. Godwin Immanuel
Dr. S. Nirmalraj
EEE Department
Sathyabama Institute of Science and
Technology, Chennai

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 Certificate: Design of Solar Photovoltaic System



Participant List: Design of Solar Photovoltaic System

S.No	Roll No.	Name of the Student	Batch/Year
1.	40140001	ABHAY VERMA	2020-2024/II Year
2.	40140002	AISHWARYA. G	2020-2024/II Year
3.	40140003	AKULA LAKSHMI PRASANNA	2020-2024/II Year
4.	40140004	BADRINATH. B	2020-2024/II Year
5.	40140005	BAKIYALAKSHMI. V	2020-2024/II Year
6.	40140006	BELLAM TARUN	2020-2024/II Year
7.	40140007	DEEPAK. K	2020-2024/II Year
8.	40140008	DIVAGAR. G	2020-2024/II Year
9.	40140009	ENIKA. S	2020-2024/II Year
10.	40140010	GAYATHRI. J	2020-2024/II Year
11.	40140011	GUNASEELAN. G	2020-2024/II Year
12.	40140012	GUNASEKAR. J	2020-2024/II Year
13.	40140013	HAKHILESH NEELAMEGAN	2020-2024/II Year
14.	40140014	HARIPRASATH. S	2020-2024/II Year
15.	40140015	HARISANKAR. S	2020-2024/II Year
16.	40140016	JAYA BREESTLIN. J	2020-2024/II Year
17.	40140017	KAMALEESWARI. D	2020-2024/II Year
18.	40140018	KANAGA. G	2020-2024/II Year
19.	38140010	BARLA GOWTHAM NAIDU	2018-2022/ IV Year
20.	38140011	GANESAN. R	2018-2022/ IV Year
21.	38140012	GORLI VENKATA BHUVAN SAI	2018-2022/ IV Year
22.	38140013	HARIVENKATESH. M	2018-2022/ IV Year
23.	38140014	JOHN YABESH. J	2018-2022/ IV Year
24.	38140015	JAGADESH. V. S	2018-2022/ IV Year
25.	38140016	JANANI. K	2018-2022/ IV Year
26.	39140025	KORLAPATI KRISHNA BABU	2019-2023/III Year
27.	39140026	LOGESHWARAN. J	2019-2023/III Year
28.	39140027	LOGESHWARI. A	2019-2023/III Year
29.	39140028	MAHANTHI MADHUSUDHANA RAO	2019-2023/III Year
30.	39140029	MUPPE MANISHANKAR REDDY	2019-2023/III Year
31.	39140030	MATHESH. A	2019-2023/III Year
32.	39140031	MD DILSHAD	2019-2023/III Year
33.	39140032	MOHAN RAJ. K	2019-2023/III Year
34.	39140033	NARMADHA. E	2019-2023/III Year
35.	39140034	NIKESH KUMAR. S	2019-2023/III Year
36.	39140035	PARKAVI. V	2019-2023/III Year
37.	39140036	PAVITHRA. P	2019-2023/III Year
38.	39140037	PAVITHRA. R	2019-2023/III Year
39.	39140038	PAVITHRA. V	2019-2023/III Year
40.	39140039	POOJA. A	2019-2023/III Year
41.	39140040	POOVARASI. G	2019-2023/III Year
42.	39140041	PRADEENA. G	2019-2023/III Year
43.	39140042	PRAHADEESH. S	2019-2023/III Year
44.	39140043	PRITHI. K	2019-2023/III Year

45.	39140044	RAGHUL. S	2019-2023/III Year
46.	39140045	RAVURI ARAVIND	2019-2023/III Year
47.	39140046	RIZWAN	2019-2023/III Year
48.	39140047	ROHIT. M	2019-2023/III Year
49.	39140048	SANJAY. K	2019-2023/III Year



Course: Design of Solar Photovoltaic System

Course: Factory Automation using PLC



**Department of Electrical and Electronics Engineering
Organizes
Value Added course
on**

Factory Automation using PLC



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

Conveners

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

Resource Person

**Mr.N.Gopalan
Skill Development Trainer,
Chennai**

Organizers

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

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

Schedule for the Course: Factory Automation using PLC

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

Course Certificate: Factory Automation using PLC



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(Deemed to be University)

ACCREDITED BY NAAC & NBA | APPROVED BY AICTE
JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI – 600119

SCHOOL OF ELECTRICAL AND ELECTRONICS

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

CERTIFICATE OF PARTICIPATION

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

Dr V Sivachidambaranathan
Professor and Head,
Department of EEE

Participant List: Factory Automation using PLC

S.No	Roll No.	Name of the Student	Batch/Year
1.	40140031	SARATHI. S	2020-2024/II Year
2.	40140032	SHALINI. E	2020-2024/II Year
3.	40140033	SHANIK. A	2020-2024/II Year
4.	40140034	SHERYN. F	2020-2024/II Year
5.	40140035	SURIYAPRIYA. M	2020-2024/II Year
6.	40140036	SWETHA. P	2020-2024/II Year
7.	40140037	VYSHNAVI KARROTHU	2020-2024/II Year
8.	40140701	ABHAY KAUSHAL	2020-2024/II Year
9.	40140702	DHINESH KUMAR. B	2020-2024/II Year
10.	40140703	REDDY CHANDRA SEKHAR. B	2020-2024/II Year
11.	40140704	SUDARSAN. T	2020-2024/II Year
12.	38140017	KARTHIGA SRI. R. S	2018-2022/ IV Year
13.	38140019	KEERTHANA PRIYA. B	2018-2022/ IV Year
14.	38140020	KEERTHANA SAGAR. S	2018-2022/ IV Year
15.	38140021	KOWSALYA. K	2018-2022/ IV Year
16.	38140022	KRUPA NANDHINI. B	2018-2022/ IV Year
17.	38140024	LALITHA. S	2018-2022/ IV Year
18.	38140025	LAVANYA. P	2018-2022/ IV Year
19.	38140026	MANOJKUMAR. R	2018-2022/ IV Year
20.	38140027	MATHANKUMAR. J	2018-2022/ IV Year
21.	38140028	MEHTA MEET VINAYKUMAR	2018-2022/ IV Year
22.	38140029	MOHAMED IRFAN. M	2018-2022/ IV Year
23.	38140030	MONISHA. M	2018-2022/ IV Year
24.	38140031	MUGILARASI KO SI	2018-2022/ IV Year
25.	38140032	MUTHURAMAN. S	2018-2022/ IV Year
26.	38140033	NABARUN SARKAR	2018-2022/ IV Year
27.	38140034	NAGULA SAI DEEP	2018-2022/ IV Year
28.	38140035	NANDHINI. D	2018-2022/ IV Year
29.	38140036	NANTHITHA. P	2018-2022/ IV Year
30.	38140037	PAVITHRA. S	2018-2022/ IV Year
31.	38140038	PERAMANATHAN. S	2018-2022/ IV Year
32.	38140039	MUKESH KUMAR. R	2018-2022/ IV Year
33.	38140040	RADHA. M	2018-2022/ IV Year
34.	38140017	KARTHIGA SRI. R. S	2018-2022/ IV Year
35.	39140001	AKASH KUMAR. A	2019-2023/III Year
36.	39140002	AMUDHA. S	2019-2023/III Year
37.	39140003	ANUSHAA. A	2019-2023/III Year
38.	39140004	ASHWINI. S	2019-2023/III Year
39.	39140005	ASWIN RAJ. R	2019-2023/III Year
40.	39140006	BALAJI. A	2019-2023/III Year
41.	39140007	BANOTHU HARI KRISHNA	2019-2023/III Year
42.	39140008	BENIN. J M	2019-2023/III Year
43.	39140009	BHARATHI. S	2019-2023/III Year
44.	39140010	BREEZE. J.M	2019-2023/III Year
45.	39140011	DHANUSH. G	2019-2023/III Year
46.	39140012	DHINESH PANDI. J	2019-2023/III Year
47.	39140013	DINESH. M	2019-2023/III Year

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



Course: Factory Automation using PLC

Course: Python Boot Camp

**30 hours
Hands on Training
Programme !!!**



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

School of Electrical and Electronics
Department of Electrical and Electronics Engineering
VALUE ADDED COURSE

**No Registration Fees!!!!
E-Certificate will be Provided!!!**

Python Boot Camp FOR STUDENTS

28.02.2022 onwards
Time: 5.00 pm to 7.00 pm

Resource persons:
*Electrical and Electronics Engineering
Students Team*

Patrons:
Dr. Mariazeena Johnson,
Chancellor
Dr. Marie Johnson,
President
Mr. J. Arul Selvan
Vice President
Ms. Maria Bernadette Tamilarasi
Vice President
Dr. T. Sasiprabha,
Vice Chancellor

CLICK HERE FOR REGISTRATION
<https://forms.gle/zbr8Az6CBKv9hX686>

Convenors:
Dr.N.M.Nandhitha,
Prof & Dean/School of EEE
Dr.V.Sivachidambaramanathan,
Prof & HoD/EEE

Co-convenors:
Dr. W. Abitha Memala,
Associate Professor/EEE
Dr. C. Bhuvaneswari,
Assistant Professor/EEE

Co-ordinators:
Dr. M. Kavitha, AP/EEE
Dr. P. Sivagami, AP/EEE
Dr. M. Pushpavalli, AP/EEE

Student Co-ordinators:
Mr. M. Dhanush Kumaran
Mr. S. Mohan Ram
Ms. V. R. Pooja
Mr. K. Sasikumar
Mr. G. Rajesh

HIGHLIGHTS

- Web Applications
- Desktop GUI
- Games in Python
- Audio Applications
- Ethical Hacking & ML
- Arduino programming
- Digital Image Processing

Contact us: 9884594997 / 9840014456

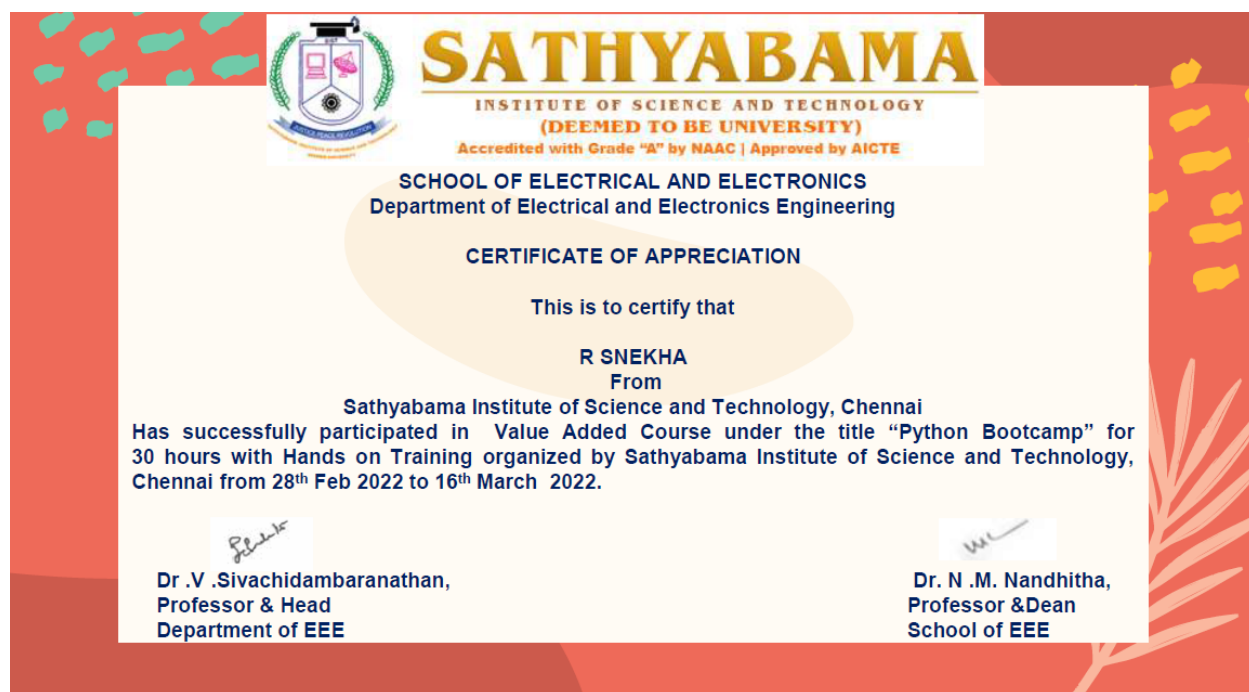
abithamemala.eee@sathyabama.ac.in

Schedule for the course: Python Boot Camp

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

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

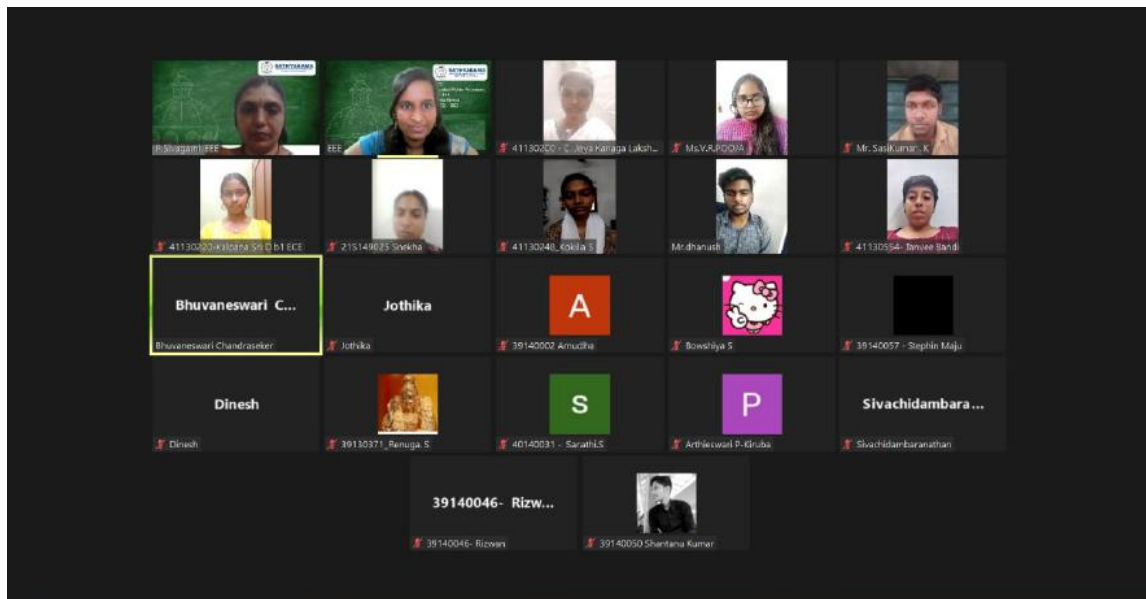
Course Certificate: Python Boot Camp



Participants List: Python Boot Camp

S.No	Name of the Student	Department	Batch/Year
1.	R Snekha	EEE	2021-2025/I Year
2.	Renuga.S	ECE	2019-2023/ III Year
3.	Dinesh M	EEE	2019-2023/ III Year
4.	Kalpana Sri D	ECE	2021-2025/I Year
5.	Pradeena.G	EEE	2019-2023/ III Year
6.	Bowshiya S	IT	2019-2023/ III Year
7.	Tanvee Bandi	ECE	2021-2025/ I Year
8.	Pavithra R	EEE	2019-2023/ III Year
9.	Kanakapillai Midhuneshwar	EEE	2021-2025/ I Year
10.	S.Sarathi	EEE	2020-2024/ II Year
11.	Jayabharathi A	ECE	2019-2023/ III Year
12.	Amudha	EEE	2019-2023/ III Year
13.	Jeya Kanaga Lakshmi.C	ECE	2021-2025/ I Year
14.	Poovarasi G	EEE	2019-2023/ III Year
15.	V.Priya	EEE	2021-2025/ I Year
16.	S Kokila	ECE	2021-2025/ I Year
17.	S.Vijayalakshmi	ECE	2021-2025/ I Year
18.	Akshaya.R	EEE	2021-2025/ I Year
19.	Sathish . M	EEE	2021-2025/ I Year
20.	Shantanu Kumar	EEE	2019-2023/ III Year
21.	Sivaranjani.S	EEE	2021-2025/ I Year
22.	Iswarya S	EEE	2019-2023/ III Year
23.	Arthieswari P	ECE	2019-2023/ III Year
24.	Parkavi V	EEE	2019-2023/ III Year
25.	Kiruba. Y	EIE	2019-2023/ III Year
26.	Mahalakshmi R	EEE	2021-2025/ I Year
27.	Stephin Maju M	EEE	2019-2023/ III Year
28.	Gudimanikyam Ganga Bhavani	ECE	2019-2023/ III Year
29.	Jothika. P	EEE	2019-2023/ III Year
30.	Md Dilshad	EEE	2019-2023/ III Year
31.	B. Hari Krishna	EEE	2019-2023/ III Year
32.	M Shiva	EEE	2019-2023/ III Year
33.	Venkat Chilukuri	EEE	2019-2023/ III Year
34.	Hari	ECE	2021-2025/ I Year
35.	Narmadha.E	EEE	2019-2023/ III Year
36.	Rizwan	EEE	2019-2023/ III Year
37.	Vishal	EEE	2021-2025/ I Year
38.	Indhumathi P	EEE	2021-2025/ I Year
39.	S.Madhumitha	EEE	2021-2025/ I Year
40.	Manimala.M	EEE	2021-2025/ I Year
41.	K. Manibharathi	EEE	2021-2025/ I Year
42.	S Ragadharshini	ECE	2021-2025/ I Year
43.	V.Bhavan	EEE	2021-2025/ I Year
44.	Pretiish Rajasekaran	EEE	2021-2025/ I Year

45.	Keerthana V	EEE	2021-2025/ I Year
46.	Indhu.G	EEE	2021-2025/ I Year
47.	Krishnaveni.S	EEE	2021-2025/ I Year
48.	P.Sarithira	EEE	2021-2025/ I Year
49.	K.Anusiya	EEE	2021-2025/ I Year
50.	Aryaan Ganesan S	EEE	2021-2025/ I Year
51.	Ravuri Aravind	EEE	2019-2023/ III Year
52.	Pooja J	EEE	2021-2025/ I Year
53.	Mahanthi Madhusudhana Rao	EEE	2019-2023/ III Year
54.	H.Nishanth Babu	CSE	2021-2025/ I Year
55.	Jeevitha. R	EEE	2021-2025/ I Year
56.	Mohan V	EEE	2021-2025/ I Year
57.	Bairavan C	EEE	2021-2025/ I Year
58.	Revathi. M	ECE	2019-2023/ III Year
59.	Janarth B	CSE	2021-2025/ I Year
60.	Rahul	CSE	2020-2024/ II Year
61.	Mounabrata Baidya	ECE	2021-2025/ I Year
62.	Raagila K	EIE	2019-2023/ III Year
63.	Tilak.S	EIE	2021-2025/ I Year
64.	Anushaa.A	EEE	2019-2023/ III Year
65.	Janarthanan E	EEE	2021-2025/ I Year
66.	Elamathi M	EIE	2019-2023/ III Year
67.	Kaviyadharshini.N	ECE	2019-2023/ III Year



Course: Python Boot Camp