



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 (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



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
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

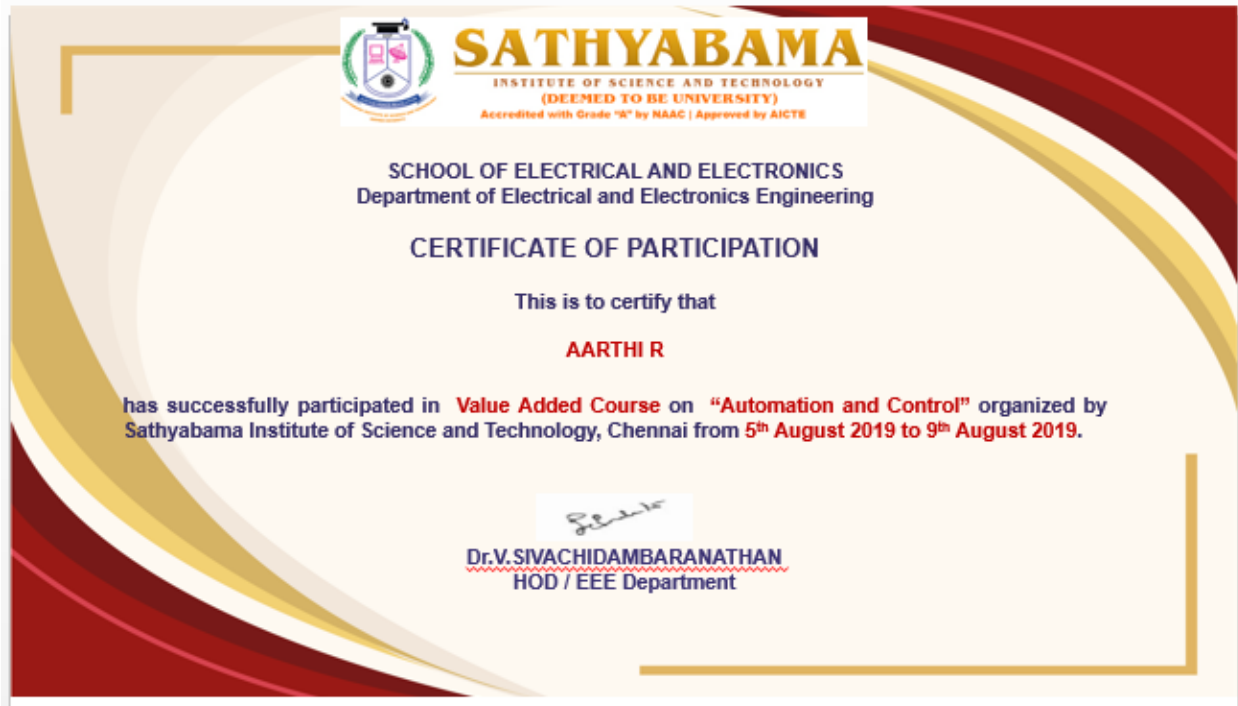
RESOURCE PERSON
DR.J.BALAMURUGAN,
ASSISTANT ENGINEER, TNES
HQRS, CHENNAI

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				Intelligent sensors
07.08.19				Electrical and pneumatic actuators
08.08.19				Field buses and OPC UA
09.08.19				Basic principles of PLC programming

Course Certificate: Automation and Control



Participants List: Automation and Control

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



Course: Automation and Control

Course: Solar Power Design, Operation and Installation



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

**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

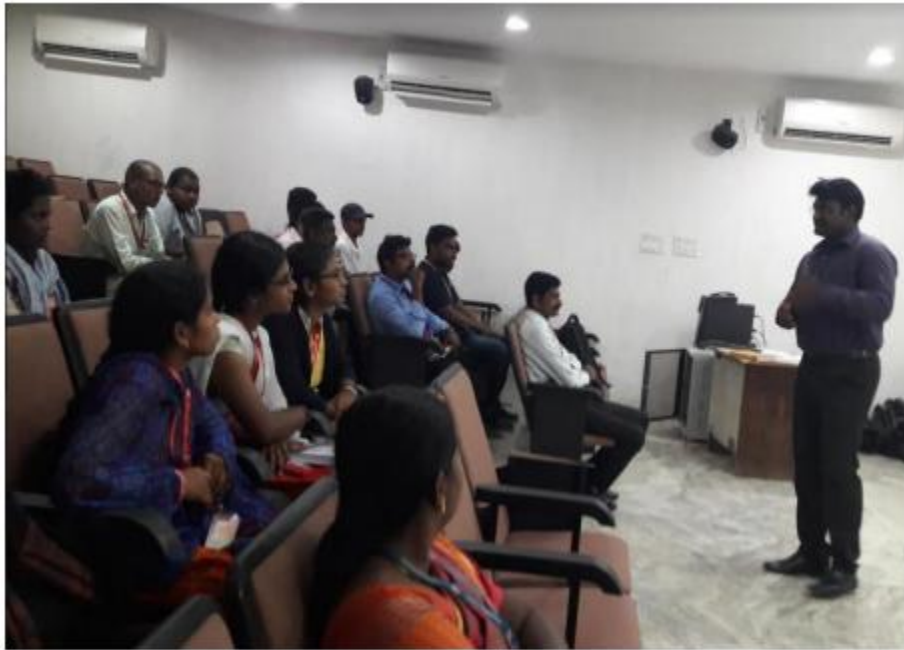
Date	Time	Name of the Expert & Affiliation	Topic	Contents
02.12.19	8.00 AM - 12.00 Noon 1.00 PM – 3.00 PM	Mr.G.Rajaganesan, Chief Technical officer-Solar Initiatives, TATTI, Chennai.	Solar Power Design, Operation and Installation	Design of solar power plant
03.12.19				Solar power generation
04.12.19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

Course Certificate: Solar Power Design, Operation and Installation

 SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY) Accredited with Grade "A" by NAAC Approved by AICTE	 QUALITY SYSTEM CERTIFICATION DNV-GL ISO 9001:2015
SCHOOL OF ELECTRICAL AND ELECTRONICS Certificate	
This is to certify that ELAKKIYA 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 .Sivachidambaramanathan, Professor & Head Department of EEE	

Participants List: Solar Power Design, Operation and Installation

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



Course: Solar Power Design, Operation and Installation

Course: Design and Development of Robotics



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
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. Bhuvanawari C., Ass.Prof./EEE
Dr. W. Abitha Memala, Asso.Prof./EEE

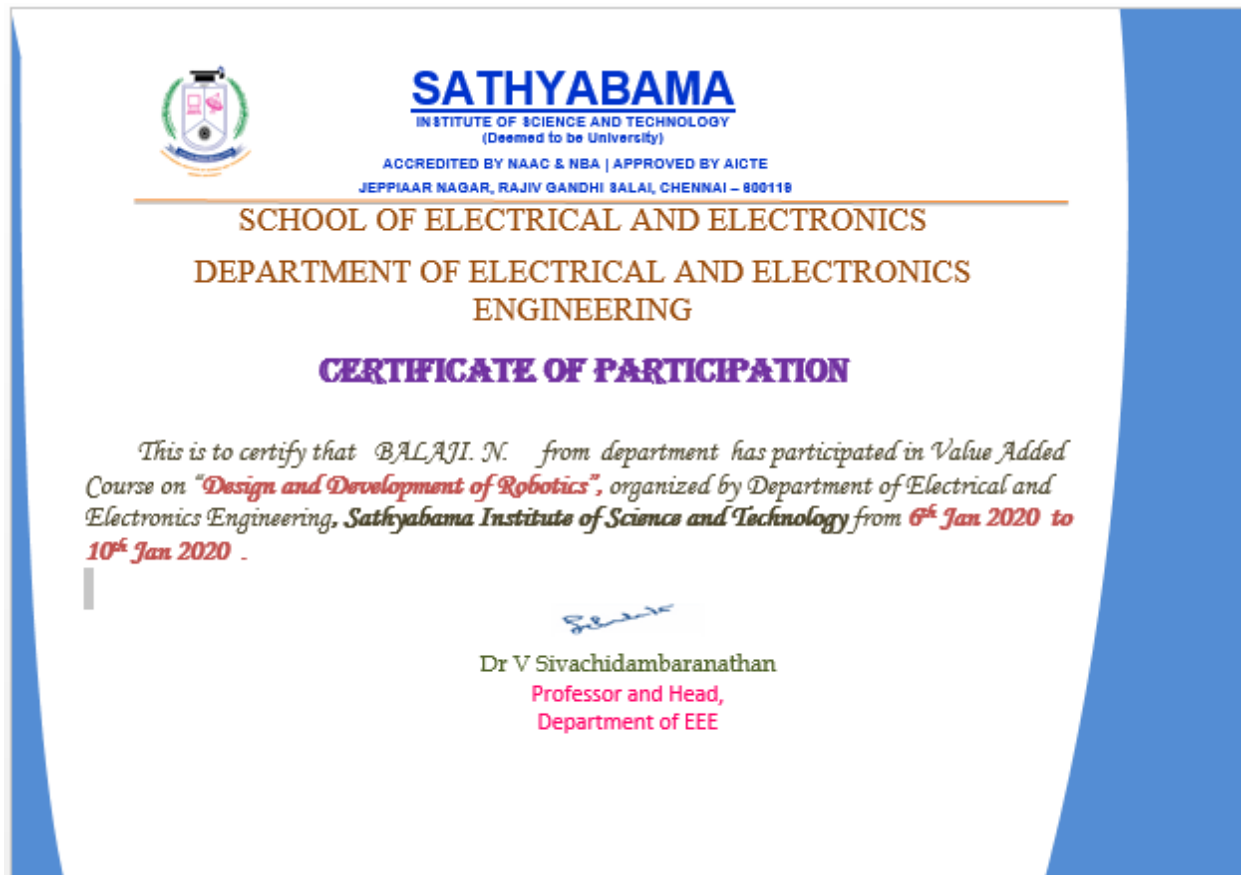
No Registration Fee

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				Machine Learning in Robotics
08.01.20				Artificial Intelligence, Robotics and Its Impact on Society
09.01.20				Cloud Robotics
10.01.20				Hybrid Intelligence for Robotics

Course Certificate: Design and Development of Robotics



Participants List: Design and Development of Robotics

S.No	Roll No.	Name of the Student	Batch/Year
1.	17SEE505	RAHUL SINGH	2017 /III Year
2.	17SEE947	RAJAMANICKAM G	2017 /III Year
3.	17SEE018	RANGOTHRISRINIVASA SAIMANITEJA	2017 /III Year
4.	17SEE920	RASABATTULA LAKSHMI	2017 /III Year
5.	17SEE930	SANTHIYA M	2017 /III Year
6.	17SEE931	SANTHOSH S	2017 /III Year
7.	17SEE932	SARANYA R	2017 /III Year
8.	17SEE019	SARKAR SUDIPTA SUBRATA	2017 /III Year
9.	17SEE020	SATTENAPALLI VENKATA AKHIL	2017 /III Year
10.	17SEE021	SAYYAD SHAHID AFRIDI	2017 /III Year
11.	17SEE933	SHALINI R	2017 /III Year
12.	17SEE807	SHASHANK UKEY	2017 /III Year
13.	17SEE508	SHYAM SUNDAR S	2017 /III Year
14.	17SEE022	SINGARI SUPRIYA	2017 /III Year
15.	17SEE509	SIRIGI REDDY NIKHILESWAR REDDY	2017 /III Year
16.	17SEE934	SNEHA.A	2017 /III Year
17.	17SEE935	SRIRAM V	2017 /III Year
18.	17SEE510	SRIVISHNU R	2017 /III Year
19.	17SEE942	SUBBULAKSHMI M	2017 /III Year
20.	17SEE936	SUNDARRAJ R	2017 /III Year
21.	17SEE023	SURYAPRAKASH S	2017 /III Year
22.	17SEE937	SWATHI V	2017 /III Year
23.	16SEE018	BALAJI. N.	2016 /IV Year
24.	16SEE953	BHARATHITAMIL. P. M.	2016 /IV Year
25.	16SEE954	BHAVANI. M.	2016 /IV Year
26.	16SEE955	BHAVYA. G. A.	2016 /IV Year
27.	16SEE956	BHUVANESHWARI. K.	2016 /IV Year
28.	16SEE007	BURUGULA VYSHNAVI	2016 /IV Year
29.	16SEE957	CHENNAMMA. V.	2016 /IV Year
30.	16SEE025	CHITTURI VENKATA KISHORE	2016 /IV Year
31.	16SEE801	DEBANJALEE ROY	2016 /IV Year
32.	16SEE958	DHANALAKSHMI. S.	2016 /IV Year
33.	16SEE959	DHANUSH. R.	2016 /IV Year
34.	16SEE960	DIVYADHARSHINI. G.	2016 /IV Year
35.	16SEE008	DONIPARTHI SRINIVASA SAI SUMANTH	2016 /IV Year
36.	16SEE916	DUWARAGA. W.	2016 /IV Year
37.	16SEE027	GIRIDHAR. V. S.	2016 /IV Year
38.	16SEE505	GOKULNATH. S.	2016 /IV Year
39.	16SEE009	GOPAL JEE KESHRI	2016 /IV Year
40.	16SEE010	GOPANU RUSHENDRA	2016 /IV Year
41.	16SEE011	GURRALA TIRUPATHI NARASIMHA REDDY	2016 /IV Year
42.	16SEE012	GURRAM VINAY	2016 /IV Year



Course: Design and Development of Robotics

Course: Design and Development of Product in Embedded Systems



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
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

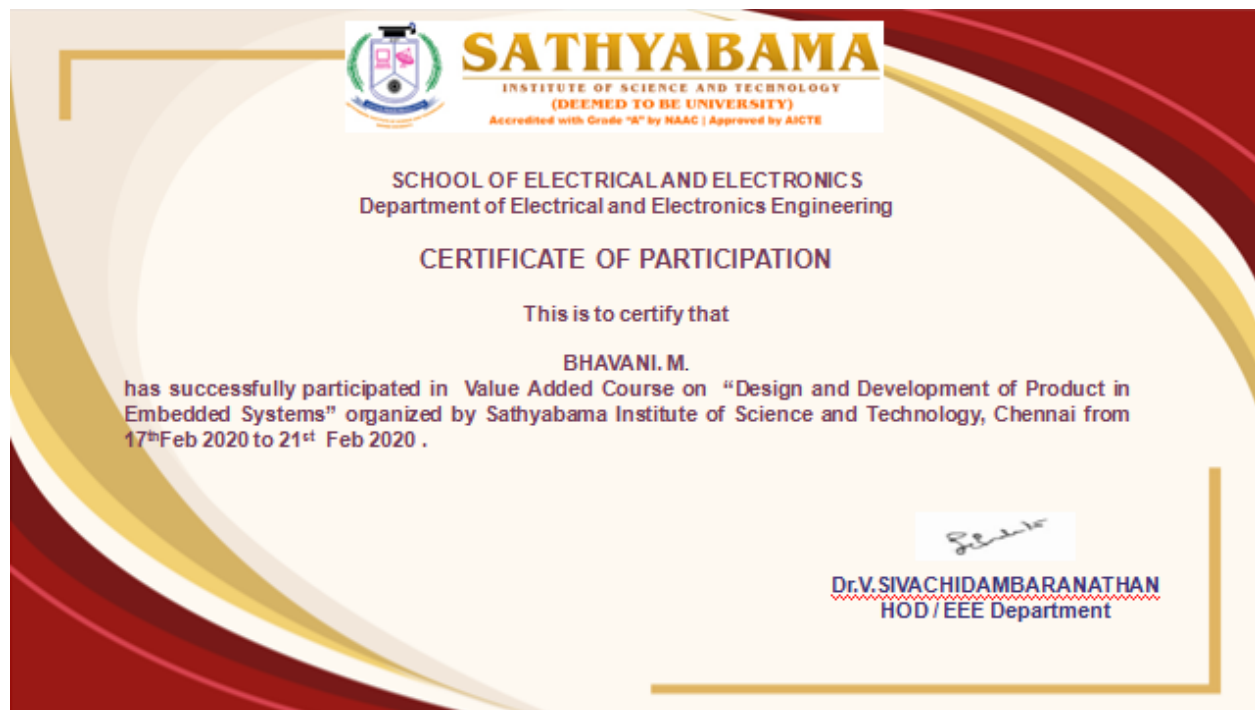
CONVENERS
DR.N.M.NANDHITHA
PROF & DEAN/EEE
DR.V.SIVACHIDAMBARANATHAN,
PROF & HEAD /EEE
RESOURCE PERSON
MR.CHUNCHUN KUMAR
VEDAMRIT TECHNOLOGY SOLUTIONS
CHENNAI

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.chunchun kumar Vedamrit technology solutions,Chennai.	Design and Development of Product in Embedded Systems	Mobile Robots in Mine Rescue and Recovery
18.02.20				Speed Limit of Vehicle
19.02.20				Voice Dialer for Phone
20.02.20				Line Sensing Robotic Car
21.02.20				Mobile Based Robot

Course Certificate: Design and Development of Product in Embedded Systems



Participant List: Design and Development of Product in Embedded Systems

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

Course: Design of Electrical Machines and Drives



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 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.Sivachidambaramanathan, HOD/EEE

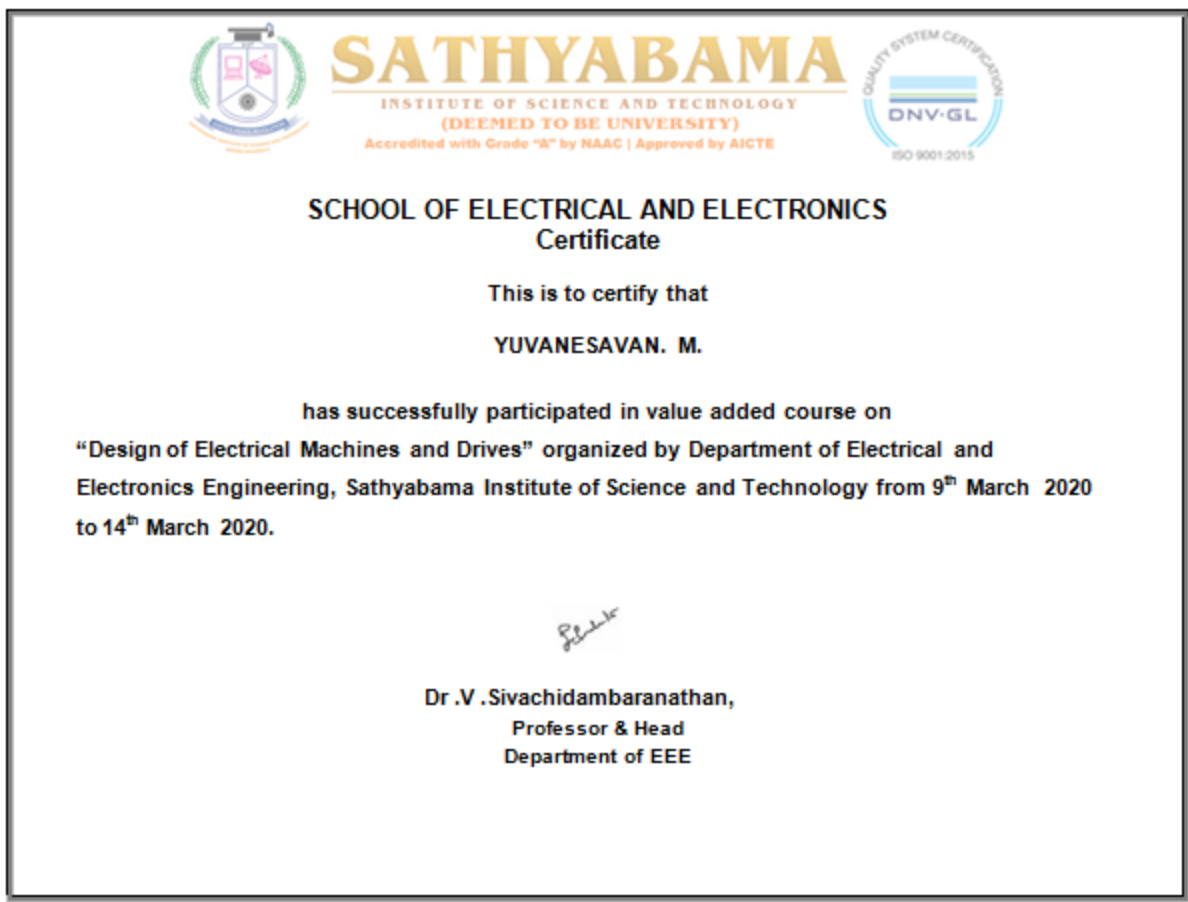
Organizers:
Dr.Ramesh Babu
Mr.Barnabas Paul Gladys
EEE Department
Sathyabama Institute of Science
and Technology, Chennai

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				Ultrasonic Motor
12.03.20				Power Theft Detection
13.03.20				Wireless Electricity
14.03.20				Automatic Meter Reading

Course Certificate: Design of Electrical Machines and Drives



Participant List: Design of Electrical Machines and Drives

S.No	Roll No.	Name of the Student	Batch/Year
1.	16SEE901	VENISHETTY AKSHAY	2016 /IV Year
2.	16SEE026	VIGNESH. S.	2016 /IV Year
3.	16SEE978	VIJAYAKUMAR. S.	2016 /IV Year
4.	16SEE979	VINITHA. B.	2016 /IV Year
5.	16SEE805	VINITHA. I.	2016 /IV Year
6.	16SEE806	VUDAVAGANDLA DEEPA VANI	2016 /IV Year
7.	16SEE907	YADHANAPARTHI SAIKRISHNA	2016 /IV Year
8.	16SEE980	YAMUNA. M.	2016 /IV Year
9.	16SEE981	YAZHINI. M.	2016 /IV Year
10.	16SEE520	YUVANESAVAN. M.	2016 /IV Year
11.	16SEE521	YUVARAJ. V.	2016 /IV Year
12.	16SEE527	AFSAL AHAMED. A.	2016 /IV Year
13.	16SEE526	VINEET CHADALAVADA	2016 /IV Year
14.	17SLEE701	GADDE NAGA VAMSI	2016 /IV Year
15.	17SLEE702	ILLAM PARUTHI C	2016 /IV Year
16.	17SEE937	SWATHI V	2017 /III Year
17.	17SEE808	THADOORI SANTHOSH REDDY	2017 /III Year
18.	17SEE938	UMAMAKESWARI M	2017 /III Year
19.	17SEE939	VANMATHI K	2017 /III Year
20.	17SEE945	VARSHA S	2017 /III Year
21.	17SEE511	VIJAY S	2017 /III Year
22.	17SEE940	VINOBA B	2017 /III Year
23.	18SLEE802	KURUBHA SHANMUKHA	2017 /III Year
24.	18SLEE803	RAM KUMAR. E	2017 /III Year
25.	18SLEE801	VOJJA MOUNIKA	2017 /III Year



Course: Design of Electrical Machines and Drives