

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.,) (8)

Year	Name of teacher who attended the program	Title of the program	Duration (from – to) (DD-MM-YYYY)
2019-20	Dr.D.Susitra	Interfacing with the Arduino	Certified on 24.5.20
	Dr.D.Susitra	The Arduino Platform and C Programming	Certified on 20.5.20
	Dr.D.Susitra	Introduction to the Internet of Things and Embedded Systems	Certified on 18.5.20
	Dr.D.Susitra	Evolution from offline to online teaching	30.5.20 - 3.6.20
	Dr.D.Susitra	Grid connected Solar PV plants design, challenges and issues	22.5.20
	Dr.D.Susitra	Knowledge based innovative MSME schemes for academic institutions	16.5.20
	Dr.D.Susitra	Learn to design your own solar home system	
	Dr.D.Susitra	Machine learning for beginners	9.5.20
	Dr.D.Susitra	Recent trends in power electronics using MATLAB	22.5.20
	Dr.D.Susitra	Industry 4.0	19.5.20
	Dr.D.Susitra	The Raspberry Pi Platform and Python Programming for the Raspberry Pi	29.5.20
	Dr.D.Susitra	Entrepreneurship,IPR,Startups	28.4.20 - 22.5.20

	Dr.D.Susitra	"Simulation Tool : Tinkercad"	20.5.20
	Dr.D.Susitra	Modelling and Simulation of IOT	19.5.20
	Dr.D.Susitra	Deep vision for autonomous self driven cars	16.5.20
	Dr.D.Susitra	Renewable energy using MATLAB	16.5.20
	Dr.D.Susitra	Electric vehicle design	15.5.20
	Dr.D.Susitra	"IPR and IP Management for Innovation and Start-ups"	15.5.20
	Dr.D.Susitra	Emerging Trends in Electric vehicles	14.5.20 and 15.5.20
	Dr.D.Susitra	Industrial automation	7.5.20
	Dr.D.Susitra	Learn to design your own solar home system	Certified on 7.5.20
	Dr.D.Susitra	Design of Commercial Power Transformers "	29.4.20
	Dr.D.Susitra	Recent Advances in Communication, Energy and Sensors RACES 2019	13.11.19 - 14.11.19
	Dr.D.Susitra	Introduction to Internet of things	July-Oct 2019
	Dr.D.Susitra	Introduction to Internet of things	July-Oct 2019
	Dr.D.Susitra	SMART GRID COMMUNICATION TECHNOLOGIES AND CYBER SECURITY	18.5.2020
	Dr.D.Susitra	FDP on "Tiva Embedded Processor for IOT Application"	16-12-2019 To 21-12-2019

	Dr.D.Susitra	Introduction to AIML and applications in health care and preventive care management	16.5.20
	Dr.D.Susitra	AWS and cloud computing	30.5.20
	Dr.D.Susitra	Cloud Computing Framework in Industry 4.0	16.5.20
	Dr.D.Susitra	How to develop Embedded System Applications	13.5.20
	Dr.D.Susitra	Image processing - Open CV	08.5.20
	Dr.D.Susitra	Industrial automation	07.5.20
	Dr.D.Susitra	Role of IoT on industrial applications	21.5.20
	Dr.D.Susitra	Machine Learning	2.5.20
	Dr.D.Susitra	Internet of things	4.5.20
	Dr.D.Susitra	ARTIFICIAL INTELLIGENCE AND ITS DISRUPTION IN CONVENTIONAL AUTOMOTIVE INDUSTRY	16.5.20
	Dr.R.Vanitha	FDP on “Tiva Embedded Processor for IOT Application”	16-12-2019 To 21-12-2019
	G T SUNDAR RAJAN	“Five-Day Faculty Development Program – Webinar Series”	May 9, 2020 to May 13, 2020(1 Week)
	Dr S.D.Sundarsingh Jebaseelan	“ Tiva Embedded Processor for IOT application” from 16th to 21st December 2019	16.12.2019 to 21.12.2019
	Dr.S.RADHIKA	Cyber Forensics	18.04.2020/10-4pm/1 day

	Dr.S.RADHIKA	Cyber Security	20.04.2020/10-4pm/1 day
	Dr.S.RADHIKA	Introduction to databases and SQL Querying	24.04.2020/Lectures 11:total 2.5hrs/
	Dr.S.RADHIKA	Machine Learning for Beginners	02.05.2020/10-4pm/1 day
	Dr.S.RADHIKA	Machine Learning for Business Professionals	27.05.2020/4 week of study
	Dr.S.RADHIKA	Industrial IoT on Google Cloud Platform	27.05.2020/2 week of study
	Dr.S.RADHIKA	Introduction to Cloud Identity	02.06.2020/1 week of study
	Dr.S.RADHIKA	Developing AI Applications on Azure	04.06.2020/5 week of study
	Dr.S.RADHIKA	Data Science Math Skills	06.06.2020/4 week of study
	Dr.S.RADHIKA	Digital Systems	July-Oct 2019
	W. Abitha Memala	Power Electronics: Control and Simulation of PWM Inverters	12.04.2020
	W. Abitha Memala	Basics of Electrical Technology	22.04.2020
	W. Abitha Memala	Python 3.4.3	04.05.2020 to 08.05.2020
	W. Abitha Memala	FDP on Machine Learning for Beginners	09.04.2020
	W. Abitha Memala	Artificial Intelligence & Machine Learning Using Python	11.05.2020 to 15.05.2020
	W. Abitha Memala	TIVA Embedded processor for IOT	16.12.2019 to 21.12.2019
	W.Abitha Memala	Introduction to Internet of Things	Jul to Oct 2019

	Dr.BHARATHI.M.L	How to submit really a great grant funding applications	08-04-2020
	Dr.BHARATHI.M.L	How to write for inter-disciplinary audience--	22-04-2020
	Dr.BHARATHI.M.L	Publishing open Access'-EISEVIER	22-04-2020
	Dr.BHARATHI.M.L	Solar PV system design comprehensive course//P1'	24/04/2020
	Dr. RAMESHBABU A	Introduction to programming with MATLAB	9 Week
	Dr. RAMESHBABU A	Introduction to power electronics	3 Week
	Dr. RAMESHBABU A	LABVIEW PROGRAMMING	7.5.2020 TO 16.5.2020
	Dr. RAMESHBABU A	DESIGN & DEVELOPMENT OF PHOTOVOLTAIC MODULES FOR PV GENERATION	25.5.2020 TO 30.5.2020
	Dr. RAMESHBABU A	Emerging Trends in Electric Vehicle	14.05.2020 To 15.05.2020
	Dr. RAMESHBABU A	Research Opportunities in Electrical Engineering and its application	18.05.2020 to 23.05.2020
	Dr. RAMESHBABU A	Research Challenges and innovation in RES	11.05.2020 to 16.05.2020
	Ramya.D	Induction motor	12.04.2020
	Ramya.D	Transformer	12.04.2020
	Ramya.D	PLC	14.04.2020
	Ramya.D	Power system generation	14.04.2020
	Ramya.D	Power system protection	22.04.2020

	Ramya.D	Power system earthing	13.04.2020
	Ramya.D	Power system and power cables	13.04.2020
	Ramya.D	Machine Learning	15.04.2020
	Ramya.D	Introduction to creative AI	27.04.2020
	Ramya.D	Quantum And Energy Materials	04.05.2020-08.05.2020(One week)
	Ramya.D	8051 and its Applications	18 to 22 May 2020 (One week)
	Ramya.D	Neural networks and CNN	11to15May 2020(One week)
	Ramya.D	Simulation-driven innovation for e-mobility	27.05.2020
	Ramya.D	ATAL FDP on Artificial Intelligence	16.05.2020 to 20.05.2020
	Ramya.D	MOODLE learning management system software	25-05-2020 to 30-05-2020(1 week)
	Ramya.D	Strategic Planning for Entrepreneurship Promotion	04.05.2020-08.05.2020
	Ramya.D	Skill Enhancement using Free & Open Software Tools	15.06.2020-19.06.2020
	Ramya.D	DC Microgrid	July-Sep 2019
	A.Santhi Mary Antony	Introduction to Python Programming	22.04.2020
	A.Santhi Mary Antony	Industry 4.0	22.04.2020
	A.Santhi Mary Antony	Modern Trends in Electrical Drives	19/05/2020 to 23/05/2020 (One Week)

	A.Santhi Mary Antony	Emerging Trends in Electric Vehicles	14/05/2020
	A.Santhi Mary Antony	Machine Learning for Beginners	44079
	A.Santhi Mary Antony	COURSEWARE CREATION USING MOODLE	24/02/2020 - 29/02/2020
	A.Santhi Mary Antony	VIRTUAL TEACHING - Learning MOODLE the Efficient way	29/05/2020 to 30/05/2020
	A.Santhi Mary Antony	BATTERY MANAGEMENT SYSTEM FOR ELECTRIC VEHICLES	21/05/2020 to 22/05/2020
	A.Santhi Mary Antony	DEVELOPING PYTHON GUI APPLICATION USING PyQt5	25/05/2020 to 29/05/2020
	A.Santhi Mary Antony	Simulation - Driven Innovation for e-Mobility	27/05/2020
	A.Santhi Mary Antony	Faculty Development Programme on Be Gentle with Mind and Body	30/04/2020
	A.Santhi Mary Antony	Role of IOT, Embedded, Electric Vehicle & Power Electronics Converters for Smart World	18/05/2020 to 22/05/2020
	A.Santhi Mary Antony	Modern Renewable Energy Technology	27/05/2020 to 29/05/2020
	M.KAVITHA	PLCS	12.04.2020
	M.KAVITHA	Instrumentation and Control Systems	13.04.2020
	M.KAVITHA	Power System Protection	11.04.2020
	M.KAVITHA	Hands on exposure in Python 3.4.3 and R	20.04.2020 to 30.04.2020, 10 Days

	M.KAVITHA	Technological Advancement in Power System Control, Power Controllers, Drives & E-Vehicles	27.04.2020 to 01.05.2020 , 5 Days
	M.KAVITHA	Safety in the Utility Industry	27.04.2020 to 25.05.2020 , 4 weeks
	M.KAVITHA	Research Challenges and Innovations in Renewable Energy Systems	11.05.2020 to 16.05.2020, 6 Days
	M.KAVITHA	Recent Innovations in Electrical, Electronics, Instrumentation, Automation and Teaching pedagogy	18.05.2020 to 30.05.2020, 2 weeks
	M.KAVITHA	Strategic Planning for Entrepreneurship Promotion	04.05.2020 to 8.05.2020, (10.00am to 4.00pm)5 Days
	M.KAVITHA	Leadership and Teamwork for Performance Excellence	18.05.2020 to 22.05.2020 ,10.00am to 5.00pm, 5 days
	M.KAVITHA	Understanding Project Management Basics	25.05.2020 to 29.05.2020, 11.00am to 5.00pm, 5Days
	M.KAVITHA	Introduction to IOT	25.04.2020
	M.KAVITHA	Introduction to Artificial Intelligence	05.05.2020
	M.KAVITHA	Design and Control of DC/DC converter MATLAB/Simulink	06.04.2020
	M.KAVITHA	Electric Vehicles-Part 1	Feb-March 2019
	M.KAVITHA	DC Microgrid	July-Sep 2019

	M.KAVITHA	Recent Advances in Transmission Insulator	Jan 2020 to Feb 2020
	M.KAVITHA	Resilient Community Microgrids: An Introduction	15.04.2020
	Abirami	Electric Vehicles-Part 1	Feb-March 2019
	Abirami	C Programming and assembly Language	July-Aug 2019
	Abirami	DC Microgrid	July-Sep 2019
	Abirami	Introduction to Power System Harmonics	3.4.2020 (37 MINS)
	Abirami	ELECTRICAL ENGINEERING-ELECTRICAL TRANSFORMER COMPONENTS	10.4.2020 (4 hours)
	Abirami	1) Power System Protection 2) Power System Earthing 3) Machine Learning 4) Program Logic Control 5) Power Systems Generation	11.4.2020 to 21.4.2020 (5 days)
	Abirami	INTRODUCTION TO IOT	22-04-2020
	Abirami	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	24-04-2020
	Abirami	FDP ON ARDUINO	27-04-2020 to 01.05.2020
	Abirami	Solar PV Design, Code, Economics, Sales, and Site Visits	2.5.2020 (2 Hours)
	Abirami	Opportunities for Engineers and Expectations from Industry	02.05.2020

	Abirami	Battery Capacity - The Basis of Storage	03.05.2020
	Abirami	Resilient Community Microgrids: An Introduction	3.5.2020
	Abirami	Safety in the Utility Industry	05.05.2020 (4 weeks)
	Abirami	Strategic Planning for Entrepreneurship Promotion	4 to 8 May 2020 (One week)
	Abirami	ROBOTICS PROCESS AUTOMATION	4th-6th May 2020 (3 days)
	Abirami	COVID-19: What You Need to Know (CME Eligible)	12.05.2020 (1 week)
	Abirami	WIND ENERGY	12.05.2020 (4 weeks)
	Abirami	MATLAB ON ramp	13.5.2020
	Abirami	MACHINE LEARNING ON ramp	13.5.2020
	Abirami	MATLAB Programming	11 to 15 May 2020 (One week)
	Abirami	Role of IOT, Embedded, Electric vehicles & Power Electronic Converters for Smart world	18 to 22 May 2020 (One week)
	Abirami	8051 and its Applications	18 to 22 May 2020 (One week)
	Abirami	Leadership and Teamwork for Performance Excellence	18 to 22 May 2020 (One week)

	Abirami	Research Opportunities in Electrical Engineering and its applications	18 to 23 May 2020 (One week)
	Abirami	A CRASH COURSE IN DATA SCIENCE	21.05.2020 (1 week)
	Abirami	Research Trends in VLSI Design	25 to 29 May 2020 (One week)
	Abirami	PHOTOVOLTAIC SOLAR ENERGY	26.05.2020 (3 weeks)
	Abirami	INTRODUCTION TO BIG DATA	28.05.2020 (3 weeks)
	Abirami	Solar Building Codes, Fire Codes, EV's, Rapid Shutdown and Energy Storage Systems	28.05.2020
	Abirami	Fundamentals of Solar PV Systems Design along with Balance of Systems.	31.05.2020
	Abirami	Advanced Simulation Tools for Power Electronics, Electromagnetics and Power Systems.	1.6.2020 TO 5.6.2020(1 Week)
	Abirami	Introduction to the Internet of Things and Embedded Systems	5.06.2020 (4 weeks)
	Abirami	INDUSTRIAL CONTROL USING PLC,PNEUMATICS & LABVIEW	16.12.19-20.12.19
	Abirami	C Programming and assembly Language	July-Aug 2019
	Abirami	DC Microgrid	July-Sep 2019

	P.Sivagami	Deep Learning	July-Oct 2019
	P.Sivagami	DC Microgrid	July-Sep 2019
	P.Sivagami	Deep Learning	July-Oct 2019
	P.Sivagami	Industrial Control Using PLC,Pneumatics and LABview	16.12.19-20.12.19
	P.Sivagami	Electrical Power Distribution with AUTOCAD, DIALux & Etap	7.04.2020
	P.Sivagami	Induction Motor Description	12.04.2020
	P.Sivagami	Transformer	13.04.2020
	P.Sivagami	Diploma in Machine Learning with R studio	17.04.2020
	P.Sivagami	PIG for beginners	24.04.2020
	P.Sivagami	SPSS GUI And Its Applications	17.4.2020
	P.Sivagami	Introduction To Artificial Intelligence	23.4.2020
	P.Sivagami	Electrical, Electronics and PCB Design Safety & Compliance	23.4.2020
	P.Sivagami	How To Use Energy University Site	23.4.2020
	P.Sivagami	Energy Efficiency Fundamentals	24.4.2020
	P.Sivagami	Distributed Generation	24.4.2020
	P.Sivagami	Deep Learning Onramp	2.05.2020

	P.Sivagami	Machine learning on ramp	2.05.2020
	P.Sivagami	Safety in the Utility Industry	2.05.2020(4 weeks)
	P.Sivagami	Solar PV De-sign, Code, Eco-nomics, Sales, and Site Visits	2.05.2020
	P.Sivagami	Battery Capacity - The Basis of Storage	2.05.2020
	P.Sivagami	Introduction to data analytics	3.05.2020
	P.Sivagami	Introduction to Cyber security	3.05.2020
	P.Sivagami	COVID-19: What You Need to Know	9.05.2020 (1 week)
	P.Sivagami	Basic TQM	7.05.2020
	P.Sivagami	Power System Protection	9.05.2020
	P.Sivagami	WIND ENERGY	13.05.2020 (4 weeks)
	P.Sivagami	A Virtual Tour of Electric Utility Distribution Equipment	9.05.2020
	P.Sivagami	A CRASH COURSE IN DATA SCIENCE	21.05.2020 (1 week)
	P.Sivagami	Artificial Intelligence	13.05.2020
	P.Sivagami	Industry 4.0	13.05.2020

	P.Sivagami	Introduction to IOT	13.05.2020
	P.Sivagami	Introduction to Big Data	28.05.2020 (3 weeks)
	P.Sivagami	Solar Building Codes, Fire Codes, EV's, Rapid Shutdown and Energy Storage Systems	22.05.2020
	P.Sivagami	Introduction to the Internet of Things and Embedded Systems	29.05.2020 (4 weeks)
	P.Sivagami	Power system transmission and distribution	29.05.2020
	P.Sivagami	PHOTOVOLTAIC SOLAR ENERGY	25.05.2020 (3 weeks)
	P.Sivagami	Strategic Planning for Entrepreneurship Promotion	4 to 8 May 2020 (One week)
	P.Sivagami	MATLAB Programming	11 to 15 May 2020 (One week)
	P.Sivagami	8051 and its Applications	18 to 22 May 2020 (One week)
	P.Sivagami	Role of IOT, Embedded, Electric vehicle and Power Electronics converters for the smart world	18.5.2020-22.5.2020(4.00-5.00 pm)
	P.Sivagami	Research Opportunities in Electrical Engineering and its Applications	18 to 22 May 2020 (10am-11 am)One week)
	P.Sivagami	Artificial Intelligence	22.05.2020-26.05.2020

	P.Sivagami	Research Trends in VLSI Design	25 to 29 May 2020 (One week)
	P.Sivagami	Smart Home Automation Controlled by Robot Using MATLAB and Arduino	19.07.2019-20.07.2019
	Mrs.M.Pushpavalli	Electric Vehicles-Part 1	Feb-March 2019
	Mrs.M.Pushpavalli	C Programming and assembly Language	July-Aug 2019
	Mrs.M.Pushpavalli	DC Microgrid	July-Sep 2019
	Mrs.M.Pushpavalli	"Challenges on Integrating wind and solar into the electricity grid using ICT"	14.06.2019 to 27.06.2019
	Mrs.M.Pushpavalli	"DESIGN AND CONTROL OF DC/DC CONVERTER MATLAB/SIMULINK".	3.4.2020 (4.5 Hours)
	Mrs.M.Pushpavalli	Research Opportunities in Electrical Engineering and its Applications	18.05.2020 to 23-05-2020.
	Mrs.M.Pushpavalli	1) Transformer	11.4.2020 to 15.4.2020 (5 days)
	Mrs.M.Pushpavalli	2) Induction Motor	11.4.2020 to 15.4.2020 (5 days)
	Mrs.M.Pushpavalli	3) Machine Learning	11.4.2020 to 15.4.2020 (5 days)
	Mrs.M.Pushpavalli		11.4.2020 to

		4) Program Logic Control	15.4.2020 (5 days)
	Mrs.M.Pushpavalli	5) Measuring Instruments	11.4.2020 to 15.4.2020 (5 days)
	Mrs.M.Pushpavalli	INTRODUCTION TO IOT	22-04-2020
	Mrs.M.Pushpavalli	NPTEL AICTE FDP C Programming and assembly Language	July-Aug 2019
	Mrs.M.Pushpavalli	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	23-04-2020
	Mrs.M.Pushpavalli	NPTEL AICTE FDP Electric Vehicles-Part 1	Feb-March 2019
	Mrs.M.Pushpavalli	MATLAB ON ramp	1.5.2020
	Mrs.M.Pushpavalli	DEEP LEARNING ON ramp	1.5.2020
	Mrs.M.Pushpavalli	Introduction to Robotic Process Automation	2.05.2020
	Mrs.M.Pushpavalli	Safety in the Utility Industry	2.05.2020 (4 weeks)
	Mrs.M.Pushpavalli	Solar PV Design, Code, Economics, Sales, and Site Visits	2.5.2020 (2 Hours)
	Mrs.M.Pushpavalli	A Virtual Tour of Electric Utility Distribution Equipment	3.5.2020
	Mrs.M.Pushpavalli	Resilient Community Microgrids: An Introduction	3.5.2020

	Mrs.M.Pushpavalli	Strategic Planning for Entrepreneurship Promotion	4 to 8 May 2020 (One week)
	Mrs.M.Pushpavalli	ROBOTICS PROCESS AUTOMATION	4th-6th May 2020 (3 days)
	Mrs.M.Pushpavalli	Battery Capacity - The Basis of Storage	5.5.2020
	Mrs.M.Pushpavalli	Introduction to Augmented Reality and AR Core	7.05.2020 (4 weeks)
	Mrs.M.Pushpavalli	MACHINE LEARNING ON ramp	7.5.2020
	Mrs.M.Pushpavalli	Introduction to the Internet of Things and Embedded Systems	8.05.2020 (4 weeks)
	Mrs.M.Pushpavalli	COVID-19: What You Need to Know (CME Eligible)	8.05.2020 (1 week)
	Mrs.M.Pushpavalli	Introduction to Cybersecurity	9.05.2020
	Mrs.M.Pushpavalli	Machine Learning for Beginners”	9.5.2020
	Mrs.M.Pushpavalli	MATLAB Programming	11 to 15 May 2020 (One week)
	Mrs.M.Pushpavalli	WIND ENERGY	14.05.2020 (4 weeks)
	Mrs.M.Pushpavalli	8051 and its Applications	18 to 22 May 2020 (One week)
	Mrs.M.Pushpavalli	Role of IOT, Embedded, Electric vehicles & Power Electronic Converters for Smart world	18 to 22 May 2020 (One week)

	Mrs.M.Pushpavalli	NPEL AICTE FDP DC Microgrid	July-Sep 2019
	Mrs.M.Pushpavalli	PHOTOVOLTAIC SOLAR ENERGY	20.05.2020 (3 weeks)
	Mrs.M.Pushpavalli	Industrial Automation	7.05.2020
	Mrs.M.Pushpavalli	INTRODUCTION TO BIG DATA	29.05.2020 (3 weeks)
	Mrs.M.Pushpavalli	Research Trends in VLSI Design	25 to 29 May 2020 (One week)
	Mrs.M.Pushpavalli	Solar Building Codes, Fire Codes, EV's, Rapid Shutdown and Energy Storage Systems	29.5.2020
	Mrs.M.Pushpavalli	SCILAB-An Open Source Substitute for MATLAB	25-05-2020 to 30-05-2020(1 week)
	Mrs.M.Pushpavalli	MOODLE learning management system software	25-05-2020 to 30-05-2020(1 week)
	Mrs.M.Pushpavalli	PR and IP Management for Innovationand Start-ups”	15.05.2020
	Mrs.M.Pushpavalli	Advanced Simulation Tools for Power Electronics, Electromagnetics and Power Systems.	1.6.2020 TO 5.6.2020(1 Week)
	Mrs.M.Pushpavalli	INDUSTRIAL CONTROL USING PLC,PNEUMATICS & LABVIEW	16.12.19-20.12.19
	Mrs.M.Pushpavalli	Smart Home Automation Controlled by Robot Using MATLAB and Arduino	19.07.2019-20.07.2019
	Mrs.V.Geetha	DC Microgrid	July-Sep 2019

	Mrs.V.Geetha	Renewable Energy from Ocean-The opportunities and challenges	29/5/2020
	Mrs.V.Geetha	Solar Energy-Solar Technology and its use worldwide	31-03-2020
	Mrs.V.Geetha	Designing of Power Electronic Converters in MATLAB/Simulink	01-04-2020
	Mrs.V.Geetha	Design and Control of DC/DC converter MATLAB/Simulink	09-04-2020
	Mrs.V.Geetha	PLCS	11-04-2020
	Mrs.V.Geetha	MACHINE LEARNING	11-04-2020
	Mrs.V.Geetha	INDUCTION MOTOR	13-04-2020
	Mrs.V.Geetha	TRANSFORMERS	13-04-2020
	Mrs.V.Geetha	The Kroska Case Study:Solar PV Systems with Storage	15-04-2020
	Mrs.V.Geetha	Designing a residential PV plant with PVsol software	15-04-2020
	Mrs.V.Geetha	Introduction to Solar PV Markets+solar startup guide	16-04-2020
	Mrs.V.Geetha	INTRODUCTION TO ROBOTICS PROCESS AUTOMATION	20-04-2020
	Mrs.V.Geetha	Introduction To Data Analytics	21-04-2020
	Mrs.V.Geetha	Internet Of Things	5 DAYS(20/4/2020 TO24/4/2020)

	Mrs.V.Geetha	MATLAB ONRAMP	30-04-2020
	Mrs.V.Geetha	MATLAB for power electronics: simulation& analysis	02-05-2020
	Mrs.V.Geetha	DEEPLARNING ONRAMP	02-05-2020
	Mrs.V.Geetha	MACHINE LEARNING ONRAMP	03-05-2020
	Mrs.V.Geetha	Robotics Process Automation	3days(4/5/2020-6/5/2020)
	Mrs.V.Geetha	Strategic Planning for Entrepreneurship Promotion	5 days(4/5/2020 to8/5/2020)
	Mrs.V.Geetha	Safety in the Utility Industry	5/5/2020 (4 week)
	Mrs.V.Geetha	Introduction to the Internet of Things and Embedded Systems.	6/5/2020 (4 week)
	Mrs.V.Geetha	Introduction to Augmented Reality and ARCore.	7/5/2020 (4 week)
	Mrs.V.Geetha	COVID-19: What You Need to Know (CME Eligible).	8/5/2020 (1 week)
	Mrs.V.Geetha	Machine learning for beginners	1 DAY-9/5/2020
	Mrs.V.Geetha	MATLAB Programming	5 days(11/5/2020 to15/5/2020)
	Mrs.V.Geetha	Introduction to Cyber Security	12-05-2020
	Mrs.V.Geetha	Wind energy.	13-05-2020
	Mrs.V.Geetha	Modeling & Simulation using MATLAB'	18-5-2020 to 22-5-2020 (5

			days)
	Mrs.V.Geetha	Research Opportunities in Electrical Engineering and its Applications	18.05.2020 to 23-05-2020(10.00-12.00).(6 Days)
	Mrs.V.Geetha	Recent innovations in Electrical, Electronics, Instrumentation , Automation and Teaching pedagogy	10 DAYS(18/5/2020 TO30/5/2020)MORNING SESSION
	Mrs.V.Geetha	Role of IOT,Embedded,Electric Vehicle &Power Electronic converter for smart world	18/5/2020 TO22/5/2020
	Mrs.V.Geetha	Photovoltaic Solar Energy	19/5/2020 (3 week)
	Mrs.V.Geetha	A Crash course on Data science	20-05-2020
	Mrs.V.Geetha	Introduction to Big Data	21-05-2020
	Mrs.V.Geetha	SCIENTIFIC WRITING FOR JOURNALS	20/5/2020
	Mrs.V.Geetha	Artificial Intelligence	22/5/2020 TO30/5/2020(evening session)
	Mrs.V.Geetha	MOODLE	25-5-2020 to 29-5-2020 (5 days)
	Mrs.V.Geetha	Understanding Project Management Basics	5DAYS(25/5/2020 TO29/5/2020)
	Mrs.V.Geetha	Learning how to learn:Powerful mental tools to help	31-05-2020

		you master tough subjects	
	Mrs.V.Geetha	Fundamentals of solar PVsystem design along with balance of systems	31-05-2020
	Mrs.V.Geetha	Season 3 of skycampus-THE FUTURE IS HERE NOW	27/4/2020 to1/5/2020
	Mrs.V.Geetha	ONLINE TEACHING AND BRANDING	24/4/2020
	Mrs.V.Geetha	INDUSTRIAL CONTROL USING PLC,PNEUMATICS & LABVIEW	16.12.19-20.12.19
	J BARNABAS PAUL GLADY	LABVIEW PROGRAMMING	7.5.2020 TO 16.5.2020
	J BARNABAS PAUL GLADY	RENEWABLE ENERGY TECHNOLOGIES,INTEGRATION TO POWER GRID AND E- VEHICLE	28.5.2020 TO 1.6.2020
	J BARNABAS PAUL GLADY	"ENERGY MANAGEMENT IN EDUCATIONAL INSTITUTIONS"	30.5.2020
	J BARNABAS PAUL GLADY	THREE-DAY TECHNICAL WEBINAR SERIES -- PWSIM TOOL	1.6.2020 TO 3.6.2020
	J BARNABAS PAUL GLADY	"TECHNOLOGICAL ADVANCES IN POWER SWITCHING CONVERTERS FOR RENEWABLE ENERGY SOURCES AND FUEL CELL"	1.6.2020 TO 5.6.2020
	V.SENTHIL NAYAGAM	PLCS	12.04.2020
	V.SENTHIL NAYAGAM	Power System Protection	11.04.2020
	V.SENTHIL NAYAGAM	Technological Advancement in Power System Control, Power Controllers, Drives & E-Vehicles	27.04.2020 to 01.05.2020 , 5 Days

	V.SENTHIL NAYAGAM	Safety in the Utility Industry	27.04.2020 to 25.05.2020 , 4 weeks
	V.SENTHIL NAYAGAM	Research Challenges and Innovations in Renewable Energy Systems	11.05.2020 to 16.05.2020, 6 Days
	V.SENTHIL NAYAGAM	Recent Innovations in Electrical, Electronics, Instrumentation, Automation and Teaching pedagogy	18.05.2020 to 30.05.2020, 2 weeks
	V.SENTHIL NAYAGAM	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles	01.06.2020 to 05.06.2020, 5 days
	V.SENTHIL NAYAGAM	8051 and its Applications	18 to 22 May 2020 (One week)
	V.SENTHIL NAYAGAM	Internet Of Things	5 DAYS(15.04.2020 TO19.04.2020)
	V.SENTHIL NAYAGAM	Design and Control of DC/DC converter MATLAB/Simulink	08.04.2020
	C.BHUVANESWARI	Electrical Transformer Components	15.04.2020
	C.BHUVANESWARI	Matlab for Power Electronics: Simulation and Analysis	09.04.2020
	C.BHUVANESWARI	Power System Power Cables	28.04.2020
	C.BHUVANESWARI	Induction Motor	10.05.2020
	C.BHUVANESWARI	R Programming	4th May to 8th May

	C.BHUVANESWARI	FDP on Machine Learning for Beginners	09.04.2020
	C.BHUVANESWARI	MATLAB ON ramp	21.05.2020
	C.BHUVANESWARI	Introduction to Internet of Things	July 2019 to Oct 2020
	C.BHUVANESWARI	FDP on "Tiva Embedded Processor for IOT Application"	16-12-2019 To 21-12-2019
	C.BHUVANESWARI	Introduction to Renewable Energy	23.5.2020
	S.NirmalRaj	Introduction to Artificial Intelligence (AI)	9.4.20
	S.NirmalRaj	Getting Started with AI using IBM Watson	13.4.20
	S.NirmalRaj	Building AI Powered Chatbots Without Programming	16.4.20
	S.NirmalRaj	AI Foundations for Everyone	16.4.20
	S.NirmalRaj	What is Data Science?	7.5.20
	S.NirmalRaj	Open Source tools for Data Science	9.5.20
	S.NirmalRaj	Data Science Methodology	10.5.20
	S.NirmalRaj	Databases and SQL for Data Science	14.5.20
	S.NirmalRaj	Introduction to Data Science	14.5.20
	S.NirmalRaj	Tools for Data Science	9.5.20
	S.NirmalRaj	Data Analysis with Python	20.5.20
	S.NirmalRaj	Python for Data Science and AI	19.5.20

	S.NirmalRaj	Data Visualization with Python	21.5.20
	S.NirmalRaj	Machine Learning with Python	21.5.20
	S.NirmalRaj	Applied Data Science Capstone	24.5.20
	S.NirmalRaj	IBM Data Science	24.5.20
	S.NirmalRaj	Applied Data Science	25.5.20
	Dr.S.Jayaprakash	Applications of AI in Electrical Engineering	13-04-2020 to 18-04-2020(6 Days)
	Dr.S.Jayaprakash	Power System Protection	10.04.2020-17-04-2020
	Dr.S.Jayaprakash	Effective Teaching and Research Skills	05-11-2019-11-11-2019
	Dr.S.Jayaprakash	Design and Control of DC/DC converter MATLAB/Simulink	01.04.2020-08.04.2020
	Dr.S.Jayaprakash	Technological Advancement in Power System Control, Power Controllers, Drives & E-Vehicles	27.04.2020 to 01.05.2020 (5 Days)
	Dr.S.Jayaprakash	Research Challenges and Innovations in Renewable Energy Systems	11.05.2020 to 16.05.2020(6 Days)
	Dr.S.Jayaprakash	Recent Innovations in Electrical, Electronics, Instrumentation, Automation and Teaching pedagogy	18.05.2020 to 30.05.2020 (2 weeks)
	Dr.S.Jayaprakash	Safety in the Utility Industry	04.05.2020 to 03.06.2020 (4 weeks)

	Mrs.V.GEETHA	DESIGN AND IMPLEMENTATION OF STANDALONE SOLAR STREET LIGHT USING IOT	13/11/2019 TO 15/11/209
	P.Abirami	ELECTRICAL POWER DISTRIBUTION WITH AUTOCAD, DIALux and ETAP	10.04.2020
	P.Abirami	INTRODUCTION TO CYBER SECURITY	13.05.2020
	P.Sivagami	PIG FUNDA	24.04.2020



05/24/2020

SUSITRA DHANARAJALU

has successfully completed

Interfacing with the Arduino

an online non-credit course authorized by University of California, Irvine and offered through Coursera

A handwritten signature in black ink, which appears to read "Ian Harris", is positioned above a horizontal line.

Ian Harris
Professor
Department of Computer Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/D4UzS34DENYH
Coursera has confirmed the identity of this individual and
their participation in the course.



05/20/2020

SUSITRA DHANARAJALU

has successfully completed

The Arduino Platform and C Programming

an online non-credit course authorized by University of California, Irvine and offered through Coursera

A handwritten signature in black ink, which appears to read "Ian Harris", is positioned above a horizontal line.

Ian Harris
Professor
Department of Computer Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/K3YEPQLV3EXB
Coursera has confirmed the identity of this individual and
their participation in the course.



05/18/2020

SUSITRA DHANARAJALU

has successfully completed

**Introduction to the Internet of Things and
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered
through Coursera

A handwritten signature in black ink, which appears to read "Ian Harris", is positioned above a horizontal line.

Ian Harris
Professor
Department of Computer Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/GGLCPXzC3GNz
Coursera has confirmed the identity of this individual and
their participation in the course.



SATISH PRADHAN DNYANASADHANA COLLEGE, THANE

(Arts, Science and Commerce)

Internal Quality Assurance Cell and Faculty Development Programme Committee

In Association with

**Department of Information Technology University of Mumbai
Yashwantrao Chavan Maharashtra Open University, Mumbai Regional Centre**



University of Mumbai

**and
Microsoft
organised**

FDP on 'Evolution from Offline to Online Teaching'

This is to certify that

Mr./Ms./Dr. Dr. D. Susitra

**has participated in the five-day online Faculty Development Programme from 30th May, 2020
to 3rd June, 2020 on the topic 'Evolution from Offline to Online Teaching'**

Dr. Waman Nakhale
Academic Associate,
Regional Director, Mumbai.
YCM Open University

Dr. R. Srivaramangai
Head of IT Dept.
University of Mumbai

Dr. Chandrashekhhar D. Marathe
Principal
Satish Pradhan Dnyanasadhana College,
Thane



EASWARI ENGINEERING COLLEGE (AUTONOMOUS)



Bharathi Salai, Ramapuram, Chennai-89

(A Unit of SRM Group of Educational Institutions)

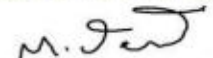
APPROVED BY AICTE | AFFILIATED TO ANNA UNIVERSITY, CHENNAI | NAAC-ACCREDITED 'A' GRADE 2(F) & 12(B) STATUS (UGC)
ISO 9001:2015 CERTIFIED | NBA ACCREDITED PROGRAMMES | FIST FUNDED (DSR) | SIRO CERTIFIED (DSIR) |

DEPARTMENT OF EEE

CERTIFICATE OF PARTICIPATION

*This certificate is to certify that Mr/Miss...D.SUSITRA.....
of ...Sathyabama Institute of science and technology..... has attended the
Webinar on "GRID CONNECTED SOLAR PHOTOVOLTAIC PLANTS-DESIGN
CHALLENGES AND ISSUES" held on 22.05.2020.*


N. Priya
CO-ORDINATOR


M. Venkatachalam
CO-ORDINATOR


Dr. Kaliappan
PROFESSOR & HEAD/EEE

0RZXWY-CE001129

Certificate of Participation

This certificate is presented to

Dr.D.Susitra

of

Sathyabama Institute of Science and Technology, Chennai 119.

for attending the webinar on

"Knowledge Based Innovative MSME Schemes for Academic Institutions"

organized by

IEEE Photonics Society Student Chapter,

Mangalam College of Engineering, Kottayam, Kerala, India

on May 16, 2020.



Dr. T D Subash

Advisor, IEEE Photonics Society Student Chapter,
Mangalam College of Engineering

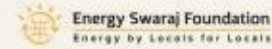


Ms. Eugene Peter

Counsellor, IEEE Student Branch,
Mangalam College of Engineering



HONOUR CODE
CERTIFICATE
SWC1-0028



Certificate of Energy Literacy



This is to certify that

D Susitra

has successfully completed a short course on *"Learn to Design your own Solar Home System"*.
The recipient got basic understanding of energy, power, electricity bill, and solar systems. The recipient can estimate the electricity needs of a home and design a solar system for the same. The certificate has been awarded as a part of *Energy Literacy Drive* of the Energy Swaraj Foundation.



07 May 2020

Date

Swati Kalwar
Chief Executive Officer



The authenticity of this certificate can be validated at <https://energyswaraj.org/honor.php>



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 ENGINEERING

Certificate of Participation

This is to certify that **Dr. D.Susitra** from **Sathyabama Institute of Science and Technology** has participated in one day Online Faculty Development Program on "*Machine Learning for Beginners*", organized by Department of Electrical and Electronics Engineering, **Sathyabama Institute of Science and Technology** on **9th May, 2020** in association with **Indian Servers**.

CF / FDP /210

Dr S Radhika
Associate Professor,
Department of EEE

Dr V Sivachidambaranathan
Professor and Head,
Department of EEE

Dr N M Nandhitha
Professor & Dean,
School of EEE

Mr D Sai Satish
CEO,
Indian Servers

CERTIFICATE

OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Dr .D.SUSITRA

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

FOR PARTICIPATING IN THE WEBINAR ON

▪ RECENT TRENDS IN POWER ELECTRONICS USING MATLAB ▪

ON 22ND MAY 2020 HOSTED BY St.PETER'S ENGINEERING COLLEGE

IN ASSOCIATION WITH PANTECH E LEARNING.



SRINIVASAN N. DIRECTOR
PANTECH E LEARNING

TATA STEEL

 WeAlsoMakeTomorrow



CERTIFICATE

is presented to

Susitra D

for successfully completing the Elearning program on

Industry 4.0

Date : 19-05-2020

DATE



PRAKASH SINGH
Chief Capability Development



05/29/2020

SUSITRA DHANARAJALU

has successfully completed

**The Raspberry Pi Platform and Python
Programming for the Raspberry Pi**

an online non-credit course authorized by University of California, Irvine and offered
through Coursera

A handwritten signature in black ink, appearing to read "Ian Harris", is positioned above a horizontal line.

Ian Harris
Professor
Department of Computer Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/SYS9AH3D7P9Y
Coursera has confirmed the identity of this individual and
their participation in the course.



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



MHRD'S
INNOVATION CELL
(GOVERNMENT OF INDIA)

This is to certify that

Dr./Mr./Ms. D Susitra

of

Sathyabama Institute of Science and Technology

has participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.

Shri. Dipan Sahu
National Coordinator, IIC
MHRD's Innovation Cell

Dr. Mohit Gambhir
Innovation Director
MHRD's Innovation Cell

Dr. Abhay Jere
Chief Innovation Officer
MHRD's Innovation Cell

Certificate no : 24254
Date : 2020/07/07



Scan to verify

**The e-Sessions attended by the participant is listed in Annexure*



SATHYABAMA

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

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

Jeppiaar Nagar, Rajiv Ganthi Salai (OMR), Chennai - 600 119, Tamil Nadu, India.



E – Certificate

This is to certify that

D.Susitra

from

SATHYABAMA Institute of Science and Technology

has successfully participated in the live webinar on “**Simulation Tool : Tinkercad**” presented by **Mr.V.Venkataramanan, Professor**, Department of EXTC, D.J.Sanghvi College of Engineering, Vileparle West Mumbai, held on 20th may 2020, organized by Department of Electronics and Instrumentation Engineering, School of Electrical and Electronics Engineering.

Dr.Sujatha Kumaran
HoD / Department of EIE

Mr.V.Venkataramanan
Professor, D.J.Sanghvi College of Engineering



SATHYABAMA

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

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

Jeppiaar Nagar, Rajiv Ganthi Salai (OMR), Chennai - 600 119, Tamil Nadu, India.



E – Certificate

This is to certify that

D.Susitra

from

sathyabama institute of science and technology

has successfully participated in the live webinar on “**Modelling and Simulation of IOT**” presented by **PHANTOM SOLUTIONS**, held on 19th May 2020, organized by Department of Electronics and Instrumentation Engineering, School of Electrical and Electronics Engineering.

Dr.Sujatha Kumaran
HoD / Department of EIE

Mr.M.Karthikeyan
Partner
Phantom Smart Academy

CERTIFICATE

OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Dr .DR.D.SUSITRA

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

FOR PARTICIPATING IN THE WEBINAR ON

" DEEP VISION FOR AUTONOMOUS SELF DRIVING CARS "

ON 16TH MAY 2020 HOSTED BY UNIVERSITY COLLEGE FOR WOMEN, KOTI

IN ASSOCIATION WITH PANTECH E LEARNING.



SRINIVASAN N, DIRECTOR
PANTECH E LEARNING

S.NARASIMHA RAO
COORDINATOR

DR.LOKA PAVANI
HOD

PROF.A.ROJA RANI
PRINCIPAL



PANRE_16_05_20_186

PANTECH SOLUTIONS[®]
Technology Beyond the Dreams



CERTIFICATE OF PARTICIPATION

IS PRESENTED TO

Dr .DR.D.SUSITRA

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

FOR PARTICIPATING IN THE WEBINAR " **RENEWABLE ENERGY USING MATLAB** "

ON 16TH MAY 2020 HOSTED BY GCE, THANJAVUR. IN ASSOCIATION WITH PANTECH

SRINIVASAN N, DIRECTOR
PANTECH E LEARNING

www.pantechelearning.com

PANEV_15_05_20_1245



PANTECH SOLUTIONS
Technology Beyond the Dreams

Certificate of Participation

presented to

Dr. D.SUSITRA

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

FOR PARTICIPATING IN THE WEBINAR

" **ELECTRIC VEHICLE DESIGN** "

ON 15TH MAY 2020 HOSTED BY

HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE

IN ASSOCIATION WITH PANTECH

A handwritten signature in black ink, appearing to read "Srinivasan N.".

SRINIVASAN N, DIRECTOR
PANTECH E LEARNING

www.pantechlearning.com



R.M.K. ENGINEERING COLLEGE



RSM Nagar, Kavaraipettai-601206

Affiliated to Anna University, Chennai / Approved by AICTE, New Delhi /
Accredited by NAAC with A+ Grade/ISO 9001:2015 Certified Institution /
All UG Programmes are accredited by NBA, New Delhi.



Institution's Innovation Council

(Ministry of HRD Initiative, Govt. of India)

Certificate of Participation

This is to certify that

Dr.D.Susitra

**Participated in the webinar on “IPR and IP Management for Innovation
and Start-ups” presented by Mr.O.Prasad Rao, Deputy Controller of
Patents and Design, IP India, Govt.of India on 15.05.2020**

Dr.K.A.Mohamed Junaid
Principal

Shri.R.S.Munirathinam
Chairman



JEPPIAAR
INSTITUTE OF TECHNOLOGY
Self Belief | Self Discipline | Self Respect



Certificate of Participation

This Certificate Is Presented To

D.Susitra

For active participation in the Online Faculty Development Program under the topic "EMERGING TRENDS IN ELECTRIC VEHICLES" by Er. Selvakumar S.(DIRECTOR, MS POWER PROJECTS) that was conducted on 14th MAY 2020 & 15th MAY 2020

Dr..L.M.Merlin Livingston M.E., Ph.D.
PRINCIPAL

Dr.N.Marie Wilson B.Tech., MBA, Ph.D.
Managing Director
JEPPIAAR INSTITUTE OF TECHNOLOGY

IN ASSOCIATION WITH INTERNAL QUALITY ASSURANCE CELL(IQAC)

TRAINING &
PLACEMENT CELL



IEEE



MHRD'S
INNOVATION CELL
(GOVERNMENT OF INDIA)





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INSTITUTE OF SCIENCE AND TECHNOLOGY
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WWW.SATHYABAMA.AC.IN



SATHYABAMA STUDENT CHAPTER



IN ASSOCIATION WITH

The Institution of Engineers (India)



CERTIFICATE OF PARTICIPATION

This is to certify that D. Susitra
from Sathyabama Institute of Science and Technology
has participated in the live webinar on
“Industrial Automation”
held on 7th May 2020.

Organizer
Dr. U. ANITHA
MIE (Corporate Member)

Convener
Dr. S. KARTHIKEYAN, FIE
Head, IEI coordinator

Dean Student Affairs
Dr. G. SUNDARI
Sathyabama Institute of Science
And Technology, Chennai

HONOUR CODE
CERTIFICATE

SWC1-0028



Energy Swaraj Foundation
Energy by Locals for Locals

Certificate of Energy Literacy

This is to certify that

D Susitra

has successfully completed a short course on "*Learn to Design your own Solar Home System*".

The recipient got basic understanding of energy, power, electricity bill, and solar systems. The recipient can estimate the electricity needs of a home and design a solar system for the same. The certificate has been awarded as a part of *Energy Literacy Drive* of the Energy Swaraj Foundation.



07 May 2020

Date

Swati Kalwar
Chief Executive Officer



The authenticity of this certificate can be validated at <https://energyswaraj.org/honor.php>

EmCog Solutions

34/2, Jeswanth Nagar, Reddypalayam road, Mogappair West,
(An MSME Registered Knowledge Transfer Centre, Chennai-37)



Certificate of Participation

This is to certify that Mrs. **Dr. D. SUSITRA**, Department of Electrical & Electronics Engineering, Sathyabama institute of science and technology has attended Online Webinar Course on “ **Design of Commercial Power Transformers** ” conducted by **EmCog Solutions**, Chennai, held on 29th April 2020. We appreciate her enthusiasm and wish all the best for future.


S.V.Sreeni

Director – T&O
EmCog Solutions



Event Manager, EmCog Solutions

International Conference on Recent Advances in Communication, Energy and Sensors

Organized by



(RACES - 2019)

13th to 15th November 2019

In Association with



SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
(Deemed to be University)
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600119, India

UNIVERSITY OF DERBY
Kedleston Rd, Derby DE22 1GB, United Kingdom

Certificate of Presentation

This is to certify that Dr. / ~~Mr.~~ / ~~Ms.~~ D. SUSITRA of
Sathyabama Institute of Science and Technology has presented a paper
entitled Design and Implementation of Standalone Solar Street Light using IoT
in the "International Conference on Recent Advances
in Communication, Energy and Sensors" (RACES-2019) organized by Sathyabama Institute of Science and
Technology, Chennai, India in association with University of Derby, UK during 13th to 15th November 2019.


Dr. N. M. Nandhitha
Dean / School of EEE


Dr. T. Sasipraba
Pro- Vice Chancellor


Dr. S. Sundar Manoharan
Vice Chancellor


Dr. John Panneerselvam
University of Derby, UK



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

D SUSITRA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **80** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Oct 2019)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education



Elite
NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
D SUSITRA
for successfully completing the course
Introduction to Internet of Things

with a consolidated score of **80** %

Online Assignments	24.78/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **7675**

Jul-Oct 2019
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



SATHYABAMA

Institute Of Science And Technology
(Deemed to be University)
Accredited By NAAC & NBA | Approved by AICTE



SCHOOL OF ELECTRICAL & ELECTRONICS
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

e-Certificate of Participation

THIS ACKNOWLEDGES THAT

DR.D.SUSITRA

FROM

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

HAS ATTENDED THE SEMINAR ON **SMART GRID COMMUNICATION TECHNOLOGIES AND CYBER SECURITY** PRESENTED BY **DR. K. KULOTHUNGAN, M.E, PHD, CCAI, ASSOCIATE PROFESSOR, ANNA UNIVERSITY** HELD ON **18TH MAY, 2020**

DR V SIVACHIDAMBARANATHAN
PROFESSOR & HEAD
DEPARTMENT OF EEE

DR N M NANDHITHA
PROFESSOR & DEAN
SCHOOL OF EEE



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited with 'A' Grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai (OMR), Chennai - 600 119, TamilNadu India.



CERTIFICATE OF PARTICIPATION

*This is to certify that Dr. / Mr. / Ms. **Sivachidambaranathan V** of **Sathyabama Institute of Science and Technology** has participated on Faculty development program on “**Tiva Embedded processor for IOT application**” organized by the Department of Electrical & Electronics Engineering, School of Electrical and Electronics from 16.12.2019 to 21.12.2019*

Dr.V.Sivachidambaranathan
HOD / EEE

Dr.N.M.Nandhitha
DEAN / EEE



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

(Estd U/S(3) of UGC Act, 1956) Accredited with Grade "A" by NAAC



Sathyabama IEI Student Chapter

In Association With

THE INSTITUTION OF ENGINEERS (INDIA)



WEBINAR

saturday 16th May 2020 (3:00pm to 4:00pm)

Mr. Kodeswaran Natarajan

Senior Manager Projects, Cognizant

**WEB CONTENT : INTRODUCTION TO AIML AND APPLICATIONS IN
HEALTHCARE/PREVENTIVE CARE MANAGEMENT**

REG LINK : <https://tinyurl.com/IEISATHYABAMA>

Student Organizer :

A.Manish Kumar

(Dept Of ECE)

Faculty Organizer :

Dr. U Anitha

(Assistant Professor Dept of ECE)

Dr. G.D.Anbarasi Jebaselvi

(Associate Professor Dept of ECE)

Convener :

Dr. S.Kartikeyan,FIE

(Head,IEI co-ordinator)

(Sathyabama Institute Of Science and Techonology)





SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University)

www.sathyabama.ac.in



SCHOOL OF ELECTRICAL AND ELECTRONICS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate of Participation

This certifies that **Dr. D. Susitra** has participated in the live Webinar on “AWS & Cloud Computing” held on 30th May, 2020.

Organizer

Ms.T.Vijayashree
Assistant Professor/ECE

Organizer

Ms.R.Sakthi Prabha
Assistant Professor/ECE

Organizer

Mr.Jerry Alexander
Assistant Professor /ECE

Co-ordinator

Dr.T.Ravi
HOD/ECE



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)



Accredited with 'A' Grade by NAAC / Approved by AICTE
Jeppiaar Nagar, Rajiv Gandhi Salai (OMR), Chennai – 600 119, Tamil Nadu. India.

E – Certificate

This is to certify that

D.Susitra

from

Sathyabama Institute of Science and Technology

has successfully participated in webinar on “**Cloud Computing Framework in Industry 4.0**” presented by **Mr.V.Adithya Pothan Raj**, Assistant Operation Manager, Cognizant, held on 16th May, 2020 organized by Department of Electrical and Electronics Engineering, School of Electrical and Electronics Engineering.

Dr V Sivachidambaranathan
Professor & Head
Department of EEE

Dr N M Nandhitha
Professor & Dean
School of EEE



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INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

www.sathyabama.ac.in



SCHOOL OF ELECTRICAL AND ELECTRONICS

Certificate of Participation

This is to certify that

D.Susitra

from

Sathyabama Institute of Science and Technology

has participated in the live webinar on **"How to develop Embedded System Applications"**

by Mr.A.Arul Prabahar, Asst. Manager, NTSC on 13.5.2020 .

Dr.V.Vijaya Baskar
Coordinator

Dr.N.M.Nandhitha
Dean – School of EEE

Certificate No: IETE-OCV-0296

PANTECH SOLUTIONS
Technology Beyond the Dreams



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

Dr .D.Susitra

Sathyabama Institute of Science and Technology

FOR PARTICIPATING IN THE WEBINAR " IMAGE PROCESSING - OPENCV "

ON 8TH MAY 2020 HOSTED BY IETE (MUMBAI) IN ASSOCIATION WITH PANTECH

SRINIYAVAN N, DIRECTOR
PANTECH E LEARNING

DR S S THAKUR, CHAIRMAN
IETE MUMBAI

PARAG WALUNJKAR, HON. SECRETARY
IETE MUMBAI





SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
WWW.SATHYABAMA.AC.IN



SATHYABAMA STUDENT CHAPTER



IN ASSOCIATION WITH

The Institution of Engineers (India)



CERTIFICATE OF PARTICIPATION

This is to certify that D. Susitra
from Sathyabama Institute of Science and Technology
has participated in the live webinar on
“Industrial Automation”
held on 7th May 2020.

Organizer
Dr. U. ANITHA
MIE (Corporate Member)

Convener
Dr. S. KARTHIKEYAN, FIE
Head, IEI coordinator

Dean Student Affairs
Dr. G. SUNDARI
Sathyabama Institute of Science
And Technology, Chennai

PANIIOT_21_05_20_52

PANTECH SOLUTIONS®
Technology Beyond the Dreams



CERTIFICATE OF PARTICIPATION

IS PRESENTED TO

Dr .D.SUSITRA

FOR PARTICIPATING IN THE WEBINAR

" ROLES OF IOT ON INDUSTRIAL APPLICATIONS "

ON 21ST MAY 2020 HOSTED BY SETHU INSTITUTE OF TECHNOLOGY

IN ASSOCIATION WITH PANTECH E LEARNING.

SRINIVASAN N, DIRECTOR
PANTECH E LEARNING

www.pantechelearning.com

Certificate No: IETE - ML - 0607

PANTECH SOLUTIONS
Technology Beyond the Dreams



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

Dr.D.SUSITRA

Sathyabama Institute of Science and Technology

FOR PARTICIPATING IN THE WEBINAR " **MACHINE LEARNING** "

ON 2ND MAY 2020 HOSTED BY IETE (MUMBAI) IN ASSOCIATION WITH PANTECH

SRINIVASAN N, DIRECTOR
PANTECH E LEARNING

DR S S THAKUR, CHAIRMAN
IETE MUMBAI

PARAG WALUNJKAR, HON. SECRETARY
IETE MUMBAI



Certificate No: IETE -IOT- 0219

PANTECH SOLUTIONS
Technology Beyond the Dreams



CERTIFICATE

OF PARTICIPATION

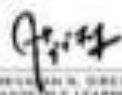
IS PRESENTED TO

Dr.D.SUSITRA

Sathyabama Institute of Science and Technology

FOR PARTICIPATING IN THE WEBINAR "INTERNET OF THINGS"

ON 4th MAY 2020 HOSTED BY IETE (MUMBAI) IN ASSOCIATION WITH PANTECH


DR. D. SUSITRA, DIRECTOR
PANTECH E-LEARNING


DR. D. SUSITRA, CHAIRMAN
IETE MUMBAI


DR. D. SUSITRA, VICE SECRETARY
IETE MUMBAI



www.pantechlearning.com



SATHYABAMA



INSTITUTE OF SCIENCE AND TECHNOLOGY
(Established under section 3 of UGC ACT, 1956)
Jeppiaar Nagar, Old Mahabalipuram Road, Chennai- 119



CERTIFICATE OF PARTICIPATION

This is to certify that **Dr Dr.D.Susitra, Associate Professor** of **Sathyabama institute of science and technology** has actively participated in the WEBINAR "**ARTIFICIAL INTELLIGENCE AND ITS DISRUPTION IN CONVENTIONAL AUTOMOTIVE INDUSTRY**" on 16/05/2020 organised by Department of Electronics and Communication Engineering, Sathyabama Institute of Science and Technology, Chennai.




Mr. Sinu Abraham
(Sys. Architech-Autonomous
Machines-Germany)


Dr. N. M. Nandhitha
(Dean-School of EEE)


Dr. T. Ravi
(HOD/ECE)





SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with 'A' Grade by NAAC

Jeppiaar Nagar, Rajiv Gandhi Salai(OMR), Chennai - 600 119, TamilNadu India.



CERTIFICATE OF PARTICIPATION

*This is to certify that Dr. / Mr. / Ms. **Vanitha R** of **Sathyabama Institute of Science and Technology** has participated on Faculty development program on **"Tiva Embedded processor for IOT application"** organized by the Department of Electrical & Electronics Engineering, School of Electrical and Electronics from 16.12.2019 to 21.12.2019*

Dr.V.Sivachidambaramanathan
HOD / EEE

Dr.N.M.Nandhitha
DEAN / EEE



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

2008, Council of Higher Education, India (2014), Accredited a B+ Grade by the
Declared as Category 'A' University by MHRD in 1993, Govt. of India
Jawahar Education Trust, Gandhi Deeksha Centre - 600 074, Tamil Nadu, India



CERTIFICATE OF PARTICIPATION

to

Dr. SUNDAR RAJAN G.T

Associate Professor

Sathyabama Institute of Science and Technology

For his participation during the conduct of

"Five-Day Faculty Development Program - Webinar Series"

Organised by the School of Management Studies,

Sathyabama Institute of Science and Technology,

held on May 9, 2020 to May 13, 2020.

Given this Certificate on May 13, 2020.

Bhuvanagiri

Dr. Bhuvanagiri G.
Dean - Mgt. Studies

Spre

Dr. Sathya Rajan T.
Pro - Vice Chancellor



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited with 'A' Grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai(OMR), Chennai - 600 119, TamilNadu India.



CERTIFICATE OF PARTICIPATION

*This is to certify that Dr. / Mr. / Ms. **Sundar Singh Jebaseelan S D** of **Sathyabama Institute of Science and Technology** has participated on Faculty development program on **“Tiva Embedded processor for IOT application”** organized by the Department of Electrical & Electronics Engineering, School of Electrical and Electronics from 16.12.2019 to 21.12.2019*

Dr.V.Sivachidambaranathan
HOD / EEE

Dr.N.M.Nandhitha
DEAN / EEE



06/26/2020

Dr RADHIKA S

has successfully completed

**Penetration Testing, Incident Response and
Forensics**

an online non-credit course authorized by IBM and offered through Coursera

Coroan Ryskamp

Coroan Ryskamp
Program Manager
IBM Security Learning Services

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/4NEzAVS2UUC7
Coursera has confirmed the identity of this individual and
their participation in the course.



06/26/2020

Dr RADHIKA S

has successfully completed

Introduction to Cybersecurity Tools & Cyber Attacks

an online non-credit course authorized by IBM and offered through Coursera

Coreen Ryskamp

Coreen Ryskamp
Program Manager
IBM Security Learning Services

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/4EFT6LYB5RR6
Coursera has confirmed the identity of this individual and
their participation in the course.



06/28/2020

Dr RADHIKA S

has successfully completed

Introduction to Enterprise Computing

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read "Jeff Blasi".

Jeff Blasi
IBM Z Ecosystem Architect

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/69BBA59ELLHM
Coursera has confirmed the identity of this individual and
their participation in the course.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

ACCREDITED BY NAAC & NBA | APPROVED BY AICTE

JEPPIAAR NAGAR, RAJIV GANDHI SALAI,
CHENNAI – 600119
www.sathyabama.ac.in



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

in ASSOCIATION with

Indian Servers
(A Premier Software Development Company)

Organizes

One Day online Faculty Development Programme on

Machine Learning for Beginners on

9th May, 2020 (Saturday)

Resource Person

MR SAISATHISH

CEO

Indian Servers
Andhra Pradesh



E-Certificate will be issued by Sathyabama and Indian Servers

WHO CAN ATTEND

Faculty from all the
Engineering disciplines,
Arts & Science and
Management Studies



REGISTRATION

No Fees for Registration

Register online at

<https://qr.go.page.link/Z1fs>

For Further Registration Contact:

Dr.V.Sivachidambaranathan

Dr S Radhika



05/27/2020

Dr RADHIKA S

has successfully completed

Machine Learning for Business Professionals

an online non-credit course authorized by Google Cloud and offered through Coursera

Google Cloud Training

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/5CWUUL6BX5GS
Coursera has confirmed the identity of this individual and
their participation in the course.



05/27/2020

Dr RADHIKA S

has successfully completed

Industrial IoT on Google Cloud Platform

an online non-credit course authorized by Google Cloud and offered through Coursera

Google Cloud Training

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/4VCRBzTyMRBZ
Coursera has confirmed the identity of this individual and
their participation in the course.



06/02/2020

Dr RADHIKA S

has successfully completed

Introduction to Cloud Identity

an online non-credit course authorized by Google Cloud and offered through Coursera

Google Cloud Training

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/99MCCZS4WD6T
Coursera has confirmed the identity of this individual and
their participation in the course.



06/04/2020

Dr RADHIKA S

has successfully completed

Developing AI Applications on Azure

an online non-credit course authorized by LearnQuest and offered through Coursera



**COURSE
CERTIFICATE**



Verify at coursera.org/verify/3BMLVCMCW949
Coursera has confirmed the identity of this individual and
their participation in the course.



06/06/2020

Dr RADHIKA S

has successfully completed

Data Science Math Skills

an online non-credit course authorized by Duke University and offered through
Coursera

Daniel Egger
Executive in Residence and Director,
Center for Quantitative Modeling
Pratt School of Engineering

Paul Bendich
Assistant research professor of Mathematics
Associate Director for Curricular Engagement at the Information Initiative at Duke
Mathematics

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/DD5TRBJL8UEA

Coursera has confirmed the identity of this individual and
their participation in the course.



Elite
NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
RADHIKA S
for successfully completing the course
Digital Circuits

with a consolidated score of **81** %

Online Assignments	22.47/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **2864**

A. Goswami

Jul-Oct 2019
(12 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Certificate of Completion

*This is to certify that **W. Abitha Memala**
successfully completed 3 total hours of **Power
Electronics: Control and Simulation of PWM
Inverters** online course on April 12, 2020*

Manuel Gómez
Manuel Gómez, Instructor



Certificate no: UC-ca7c4214-b3d9-417e-8770-165a1b4ade1f
Certificate url: udemy.com/UC-ca7c4214-b3d9-417e-8770-165a1b4ade1f

#BeAble

Basics of Electrical Technology - Full Assessment

Your Score: 80% (160 points)

Passing Score: 80% (160 points)

Result:



Congratulations, you passed.

You can click the 'Review Quiz' button for a play-by-play recap of your results.

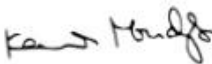


Certificate of Participation

This is to certify that **W.ABITHA MEMALA** participated in the **Python 3.4.3** training organized at **Sathyabama Institute of Science and Technology** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

March 8th 2020


Prof. Kannan M Moudgalya
IIT Bombay



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 ENGINEERING

Certificate of Participation

This is to certify that **Dr. W. Abitha Memala** from **Sathyabama Institute of Science and Technology**

has participated in one day Online Faculty Development Program on "*Machine Learning for Beginners*", organized by Department of Electrical and Electronics Engineering, **Sathyabama Institute of Science and Technology** on **9th May, 2020** in association with **Indian Servers**.

Dr S Radhika
Associate Professor,
Department of EEE

Dr V Sivachidambaranathan
Professor and Head,
Department of EEE

Dr N M Nandhitha
Professor & Dean,
School of EEE

Mr D Sai Satish
CEO,
Indian Servers
CF / FDP /51



**In
Association
With**



Certificate of Participation

*This is to certify that **W. Abitha Memala***

of Associate Professor, Sathyabama Institute Of Science And Technology, Chennai

*has participated in the 5 Days Instructor Led Live Online Faculty Development Program On
Artificial Intelligence & Machine Learning Using Python
held during 11th - 15th May 2020*

Organized by

Finland Labs (A Unit of Revert Technology Pvt. Ltd.)

In Association with

National Social Summit, IIT Roorkee

For Revert Technology Pvt. Ltd.

Director

Revert Technology Pvt. Ltd.

Director



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
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Accredited with 'A' Grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai(OMR), Chennai - 600 119, TamilNadu India.



CERTIFICATE OF PARTICIPATION

*This is to certify that Dr. / Mr. / Ms. **Abitha Memala W** of **Sathyabama Institute of Science and Technology** has participated on Faculty development program on **“Tiva Embedded processor for IOT application”** organized by the Department of Electrical & Electronics Engineering, School of Electrical and Electronics from 16.12.2019 to 21.12.2019*

Dr.V.Sivachidambaranathan
HOD / EEE

Dr.N.M.Nandhitha
DEAN / EEE



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

ABITHA MEMALA.W

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **68** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Oct 2019)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Certificate of Completion

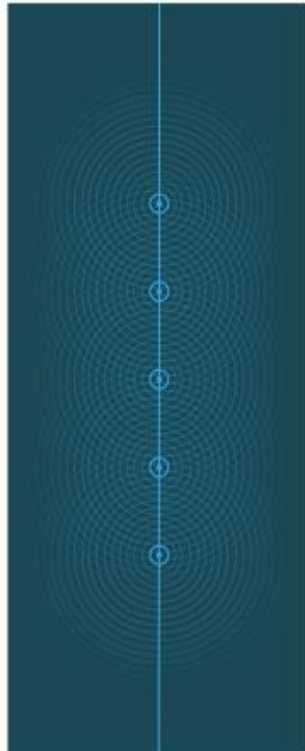
*This is to certify that **Dr. Bharathi M L**
successfully completed 1.5 total hours of **How To
Submit Really Great Grant Funding Applications**
online course on April 8, 2020*

Amal Douglas
Amal Douglas, Instructor



Certificate no: UC-8cb5bcfe-1521-4180-8a30-6d650df4b9d4
Certificate url: ude.my/UC-8cb5bcfe-1521-4180-8a30-6d650df4b9d4

#BeAble



Researcher Academy researcheracademy.com

Certificate of Completion



This certifies that

Bharathi M.L

has successfully completed the following module

How to write for an interdisciplinary audience

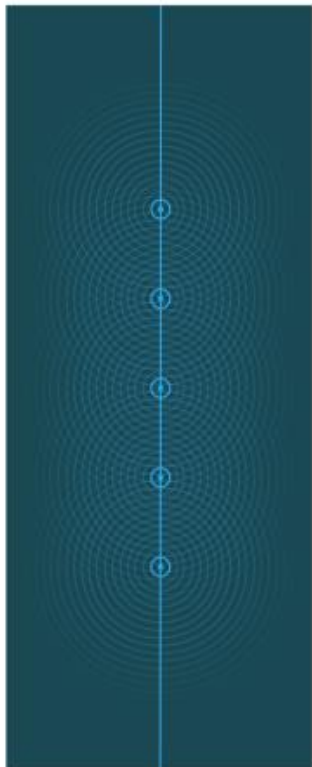
on Wednesday 22 April, 2020

Presented by Simona Fiorani, Dr Paul Thompson

Suzanne BeDell
Managing Director, Education
Reference & Continuity Books

Philippe Terheggen
Managing Director, Science,
Technology & Medical Journals





Researcher Academy researcheracademy.com

Certificate of Completion



This certifies that

Bharathi M.L

has successfully completed the following module

Publishing open access

on Wednesday 22 April, 2020

Presented by Zoë Mullan, Lydia Tacx

Suzanne BeDell

Managing Director, Education
Reference & Continuity Books

Philippe Terheggen

Managing Director, Science,
Technology & Medical Journals



Certificate of Completion

*This is to certify that **Dr. Bharathi M L**
successfully completed 2.5 total hours of **The
Solar PV System Design Comprehensive Course //**
P1 online course on April 24, 2020*

Tingdong E-learning
Tingdong E-learning, Instructor



Certificate no: UC-98b33f36-3a61-4a84-8d45-8688803d3a0f
Certificate url: [ude.my/UC-98b33f36-3a61-4a84-8d45-8688803d3a0f](https://udemy.com/UC-98b33f36-3a61-4a84-8d45-8688803d3a0f)

#BeAble

VANDERBILT  UNIVERSITY

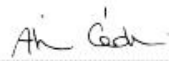
05/23/2020

RAMESHBABU A

has successfully completed

Introduction to Programming with MATLAB

an online non-credit course authorized by Vanderbilt University and offered through
Coursera



Akos Ledeczi
Professor
Computer Engineering



Mike Fitzpatrick
Professor Emeritus
Computer Science, Computer Engineering, Electrical Engineering, Neurosurgery, and Radiology

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/7BXD3SHT4MMX
Coursera has confirmed the identity of this individual and
their participation in the course.



University of Colorado
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

04/28/2020

RAMESHBABU A

has successfully completed

Introduction to Power Electronics

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

A handwritten signature in black ink, reading 'Robert Erickson'.

Prof. Robert Erickson
Dept. of Electrical, Computer, and Energy Engineering
University of Colorado Boulder

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/PEHVGXXNZGDQ
Coursera has confirmed the identity of this individual and
their participation in the course.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
www.sathyabama.ac.in



SCHOOL OF ELECTRICAL AND ELECTRONICS

Certificate of Participation

This is to certify that

Dr. A. RAMESHBABU

from

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

has successfully participated in the 10-Day online Faculty Development Program on "**LABVIEW PROGRAMMING**" from 7.5.2020 to 16.5.2020 in association with Optithought (National Instruments Academic Partner), Chennai.

Dr.V.Vijaya Baskar
Coordinator

Mr.E.Muralikrishnan
Director - Optithought

Dr.N.M.Nandhitha
Dean - School of EEE



HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE

(Approved by AICTE, Permanently Affiliated to JNTUH, Accredited By NAAC "A" Grade)

Bogaram (V), Keesara (M), Medchal Dist., Hyderabad, Telangana, India.

Phone:- +91 98488 89961/62/63/64/65



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate of participation

This Certificate is proudly presented to

RAMESHBABU A

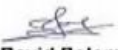
of

Sathyabama Institute of Science and Technology

for his/her successful participation in Online Quiz on "Digital System Design
with ASM Charts" conducted on

5/30/2020, with a passing score of 100%


Dr. Pratibhadevi Tapashetti
Co-ordinator


Mr. Y. David Solomon Raju
H.O.D


Dr. P. Bhaskara Reddy
Principal



JEPPIAAR
INSTITUTE OF TECHNOLOGY
Self Belief | Self Discipline | Self Respect



Certificate of Participation

This Certificate Is Presented To

RAMESHBABU A

For active participation in the Online Faculty Development Program under the topic "EMERGING TRENDS IN ELECTRIC VEHICLES" by Er. Selvakumar S.(DIRECTOR, MS POWER PROJECTS) that was conducted on 14th MAY 2020 & 15th MAY 2020

Dr.,L.M.Merlin Livingston M.E., Ph.D.
PRINCIPAL

Dr.N.Marie Wilson B.Tech., MBA, Ph.D.
Managing Director
JEPPIAAR INSTITUTE OF TECHNOLOGY

IN ASSOCIATION WITH INTERNAL QUALITY ASSURANCE CELL(IQAC)

TRAINING &
PLACEMENT CELL



IEEE



MHRD'S
INNOVATION CELL
(GOVERNMENT OF INDIA)





P.S.R.ENGINEERING COLLEGE

An Autonomous Institution, Accredited by NAAC and listed under 12(B) of UGC Act 1956
Accredited by NBA, AICTE, New Delhi
Sivakasi 626140, Virudhunagar District



Certificate

Of Participation

This certifies that

RAMESHBABU A

Sathyabama institute of science and technology

has actively participated in a one week Faculty Development Program on **"Research Opportunities in Electrical Engineering and its Applications"** organized by Department of Electrical and Electronics Engineering of P.S.R.Engineering College Sivakasi from 18.05.2020 to 23-05-2020.




Convener



AVIT
AARUPADAI VEEDEU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



ACCREDITED BY NAAC



APPROVED BY AICTE



RECOGNIZED BY DSIR

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
IN ASSOCIATION WITH
CENTRE FOR RENEWABLE ENERGY TECHNOLOGY-AVIT

Certificate of Participation

This is to Certify that

Dr. RAMESHBABU A

Assistant Professor, Sathyabama Institute of Science and
Technology

Participation Id AVIFDP0343

has successfully completed the

**International Faculty Development Programme on "Research
Challenges and Innovations in Renewable Energy Systems"**

organized by the Department of Electrical and Electronics Engineering
in association with Centre for Renewable Energy Technology-AVIT
from 11-05-2020 to 16-05-2020.

Dr. L. CHITRA
HoD / EEE

Prof. P. RAJASEKARAN
Vice Principal (Admin.) & Co-ordinator - IQAC

Dr. K. L. SHUNMUGANATHAN
Principal, AVIT



CERTIFICATE

PROUDLY PRESENTED TO

Ramya. D

Online Workshop: Simulation-Driven Innovation
for e-Mobility

May 27, 2020

Altair India





Certificate

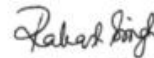
is presented to

RAMYA DEVASAHAYAM

for successfully completing the Elearning program on

Transformer

Date : 12-04-2020

A handwritten signature in black ink, appearing to read "Prakash Singh".

Prakash Singh
Chief, Capability Development



Certificate

is presented to

RAMYA DEVASAHAYAM

for successfully completing the Elearning program on

PLCs

Date : 14-04-2020



Prakash Singh
Chief, Capability Development



Certificate

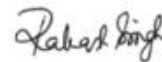
is presented to

RAMYA DEVASAHAYAM

for successfully completing

Power Systems Generation

Date : 14-04-2020



Prakash Singh
Chief, Capability Development



Certificate

is presented to

RAMYA DEVASAHAYAM

for successfully completing the Elearning program on

PLCs

Date : 14-04-2020

A handwritten signature in black ink, appearing to read "Prakash Singh".

Prakash Singh

Chief, Capability Development



Certificate

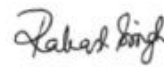
is presented to

RAMYA DEVASAHAYAM

for successfully completing the Elearning program on

Power Systems Earthing

Date : 13-04-2020



Prakash Singh
Chief, Capability Development



Certificate

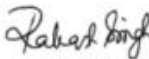
is presented to

RAMYA DEVASAHAYAM

for successfully completing the Elearning program on

Power System Power Cables

Date : 13-04-2020


Prakash Singh
Chief, Capability Development

TATA STEEL



Certificate

is presented to

RAMYA DEVASAHAYAM

for successfully completing the Elearning program on

Machine Learning

Date : 15-04-2020

A handwritten signature in black ink, appearing to read 'Prakash Singh'.

Prakash Singh
Chief, Capability Development



Certificate of Achievement

Ramya devasahayam

has completed the following course:

INTRODUCTION TO CREATIVE AI

UAL CREATIVE COMPUTING INSTITUTE AND INSTITUTE OF CODING

This online course explored what the creative industries are, and the ways they're being changed by AI.

Learners on the course identified the latest developments in machine learning, as well as the skills needed to get ahead in creative computing.

2 weeks, 2 hours per week

Mick Grierson
UAL Creative Computing Institute

ual: creative computing
institute

institute of
CODING

The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit futurelearn.com/proof-of-learning/certificate-of-achievement.



This learner has not verified their identity. The certificate and transcript do not imply the award of credit or the conferment of a qualification from UAL Creative Computing Institute and Institute of Coding.

13/5/21



Certificate No: ICT-4485/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

RAMYA.D

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, RAJIV
GANDHI SALAI, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Quantum and Energy Materials: Potential & Applications

from

04-05-20 to 08-05-20 (One Week)

Organized by

Applied Science Department

NITTTR, Chandigarh




Coordinator


Director



Certificate No: ICT-5954/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

RAMYA.D

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, RAJIV
GANDHI SALAI, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

8051 and its Applications

from

18-05-20 to 22-05-20 (One Week)

Organized by

Electrical Engineering Department

NITTTR, Chandigarh



[Signature]
Coordinator

[Signature]
Director



Certificate No: ICT-6174/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

RAMYA.D

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, RAJIV
GANDHI SALAI, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Neural Networks and CNN

from

11-05-20 to 15-05-20 (One Week)

Organized by

Curriculum Development Centre Department

NITTTR, Chandigarh




Coordinator


Director

CERTIFICATE

PROUDLY PRESENTED TO

Ramya. D

Online Workshop: Simulation-Driven Innovation
for e-Mobility

May 27, 2020

Date of Completion

Altair India

Organizer



No:ATAL/2020-419902



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training And Learning (ATAL) Academy

Certificate

This to be certified that **RAMYA.D** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online** FDP on "**Artificial Intelligence**" from **16-05-2020** to **20-05-2020** at **Indian Institute of Information Technology(IIT Nagpur)**.

Director ATAL Academies



Coordinator



Govt. College of Engineering Kalahandi, Bhawanipatna

(A Constituent College of BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA)



CERTIFICATE

This is to certify that Prof./Dr. RAMYA.D of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY has successfully completed the one week Faculty Development Programme on Moodle Learning Management System organized by Government College of Engineering Kalahandi in association with Spoken Tutorial Project, IIT Bombay from 25th May to 30th May 2020.



Kamakhya Prasad Nayak
Co-ordinator

[Signature]
Convener

[Signature]
Principal

Certificate ID:GCEK-FDP-2020-MOODLE-057



Certificate No: ICT-13047/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

RAMYA.D

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, RAJIV
GANDHI SALAI, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Strategic Planning for Entrepreneurship Promotion

from

04-05-20 to 08-05-20 (One Week)

Organized by

Entrepreneurship Development and Industrial Coordination Department

NITTTR, Chandigarh



Coordinator

Director



Certificate No: ICT-243462/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

RAMYA.D

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, RAJIV
GANDHI SALAI, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Skill Enhancement using Free & Open Software Tools

from

15/06/2020 to 19/06/2020 (One Week)

Organized by

Curriculum Development Centre Department

NITTTR, Chandigarh




Coordinator


Director



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

RAMYAD

for successfully completing the course

DC Microgrid



with a consolidated score of **82** %

Online Assignments	22.92/25	Proctored Exam	59.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **417**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Sep 2019
(8 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee

Certificate of Completion

*This is to certify that **Santhi Mary A** successfully
completed 1 total hour of **Introduction to Python**
Programming online course on April 22, 2020*

Nathan Krieger

Nathan Krieger, Instructor

&



Certificate no: UC-a6632b19-c2c0-4e61-8cd2-039481d2f520
Certificate url: udemy.com/UC-a6632b19-c2c0-4e61-8cd2-039481d2f520

#BeAble



Certificate

is presented to

Santhi Mary Antony

for successfully completing the Elearning program on

Industry 4.0

Date : 22-04-2020

A handwritten signature in black ink, appearing to read "Prakash Singh".

Prakash Singh
Chief, Capability Development



Shri Sai Shikshan Sanstha's
NAGPUR INSTITUTE OF TECHNOLOGY, NAGPUR
(NAAC ACCREDITED)



CERTIFICATE OF PARTICIPATION

This certificate is presented to **Dr./Prof. A.Santhi Mary Antony**
of **Sathyabama Institute of science and technology**
for the successful completion of **One week FDP on "Modern Trends in Electrical Drives" (MTED)**,
during **19th to 23rd May 2020**, jointly organized by **Department of Electrical Engineering,**
NIT, Nagpur and **The Institution of Engineers (I), Nagpur Local Centre.**

****Eminent Speakers****

*Dr. Bhim Singh, IIT, Delhi *Dr. Vinay Kumar T, NIT, Warangal *Dr. Ritesh Kumar Keshri, VNIT, Nagpur *Dr. Sanjay B. Bodkhe, RCoEM, Nagpur
*Mr. Sibasish Panda, Research Scholar, VNIT, Nagpur

Prof. R.V. Lonare
Co-ordinator FDP-MTED

Dr. J.G. Chaudhari
Convener FDP-MTED
& Head, EE

Dr. R.L. Shrivastava
Chairman, IE(I),
Nagpur Local Centre

Dr. Amol Deshmukh
Principal, NIT, Nagpur



JEPPIAAR
INSTITUTE OF TECHNOLOGY
Self Belief | Self Discipline | Self Respect



Certificate of Participation

This Certificate Is Presented To

A.Santhi Mary Antony

For active participation in the Online Faculty Development Program under the topic "**EMERGING TRENDS IN ELECTRIC VEHICLES**" by Er. Selvakumar S.(DIRECTOR, MS POWER PROJECTS) that was conducted on **14th MAY 2020 & 15th MAY 2020**

Dr..L.M.Merlin Livingston M.E., Ph.D.
PRINCIPAL

Dr.N.Marie Wilson B.Tech., MBA, Ph.D.
Managing Director
JEPPIAAR INSTITUTE OF TECHNOLOGY

IN ASSOCIATION WITH INTERNAL QUALITY ASSURANCE CELL(IQAC)

**TRAINING &
PLACEMENT CELL**



IEEE



**MHRD'S
INNOVATION CELL**
(GOVERNMENT OF INDIA)





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 ENGINEERING

Certificate of Participation

This is to certify that **Mrs. A Santhi Mary Antony** from **Sathyabama Institute of Science and Technology**

has participated in one day Online Faculty Development Program on "*Machine Learning for Beginners*", organized by Department of Electrical and Electronics Engineering, **Sathyabama Institute of Science and Technology** on **9th May, 2020** in association with **Indian Servers**.

Dr S Radhika
Associate Professor,
Department of EEE

Dr V Sivachidambaranathan
Professor and Head,
Department of EEE

Dr N M Nandhitha
Professor & Dean,
School of EEE

Mr D Sai Satish
CEO,
Indian Servers
CF / FDP /354



SATHYABAMA

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



SCHOOL OF ELECTRICAL AND ELECTRONICS ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE OF APPRECIATION



THIS CERTIFICATE IS AWARDED TO **MRS.A.SANTHI MARY ANTHONY,**
SCHOOL OF EEE

FOR SUCCESSFUL COMPLETION OF ONE WEEK FDP COURSE ON
COURSEWARE CREATION USING MOODLE DURING 24 - 29 FEBRAURY, 2020

DR.S.BARANI DR.S.POORNAPUSHPAKALA DR.M.SUBRAMONIAM
COURSE CREATORS AND RESOURCE PERSONS

DR.N.M.NANDHITHA
DEAN
SCHOOL OF EEE



Dr.M.G.R
EDUCATIONAL AND RESEARCH INSTITUTE
(Deemed to be University)
Madhavayal, Chennai - 600 090, Tamilnadu, India.
(An ISO 9001:2015 Certified Institution)



Certificate Number : MGRVLM-20050967

University with Special Autonomy Status

Date: 01-June-2020

FACULTY OF HUMANITIES AND SCIENCE

ADAYALAMPATTU PHASE -II CAMPUS



The Institution of Engineers (India)

TIRUVALLUR LOCAL CENTRE



A TWO - DAY e - FACULTY DEVELOPMENT PROGRAM ON

"VIRTUAL TEACHING - Learning MOODLE the Efficient way"



Certificate of Participation

This certificate is proudly presented to

Mrs. SANTHI MARY ANTONY.A, ASSISTANT PROFESSOR of EEE

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

for his/her active participation in the Two - Day e - Faculty Development Program on **" VIRTUAL TEACHING - Learning MOODLE the Efficient way "** organized by the Faculty of Humanities and Science, Adayalampattu Phase - II Campus in association with The Institution of Engineers (India), Tiruvallur Local Centre on 29th May 2020 and 30th May 2020.

Dr.L. Ramesh
Dean EPA

Dr. S. Manivannan
Dean Phase - II

Dr. C.B. Palanivelu
Registrar





R.M.D. ENGINEERING COLLEGE

R.S.M. NAGAR , KAVARAIPETTAI-601206, GUMMIDIPOONDI TALUK , TIRUVALLUR DISTRICT , TAMILNADU,INDIA
APPROVED BY AICTE & AFFILIATED TO ANNA UNIVERSITY
ACCREDITED BY NBA & ACCREDITED BY NAAC
(AN ISO 9001:2015 CERTIFIED INSTITUTION)



e-VERIFIABLE CERTIFICATE



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

THIS CERTIFIES THAT

Ms. A.SANTHI MARY ANTONY



HAS PARTICIPATED IN THE TWO DAYS WORKSHOP ENTITLED

“BATTERY MANAGEMENT SYSTEM FOR ELECTRIC VEHICLES”

HELD ON 21st MAY 2020 & 22nd MAY 2020

*Dr. P. USHA RANI
Ms. J.C. VINITHA
Ms. S. KARKUZHALI
ORGANIZERS*

*Dr. V. TAMILSELVI
HoD/CONVENOR*

*Dr. N. ANBUCHEZHIAN
PRINCIPAL*

*THIRU R.S. MUNIRATHINAM
CHAIRMAN*



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

SATHYABAMA IEI STUDENT BRANCH

In Association with

THE INSTITUTION OF ENGINEERS (INDIA)

Certificate of Participation

Awarded to

A Santhi Mary Antony

for successful completion of Faculty Development program on
“DEVELOPING PYTHON GUI APPLICATION USING PyQt5” from
25.05.2020 to 29.05.2020 presented by Mr.HARIHARAN VEERAPPAN,
Embedded Solution Architect, NEEVEE, Chennai.



Convener
Dr.A.SAHAYA ANSELIN NISHA
Associate Prof / ECE

Convener
Dr.R.NARMADHA
MIE (Corporate Member)

Convener
Dr.S.Karthikeyan, FIE
Head, IEI Coordinator

Director Administration
Dr. G.Sundari
Sathyabama Institute of
Science And Technology

CERTIFICATE

PROUDLY PRESENTED TO

A. Santhi Mary Antony

Online Workshop: Simulation-Driven Innovation
for e-Mobility

May 27, 2020

Date of Completion

Altair India

Organizer





SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

Bharathi Salai, Ramapuram, Chennai-600089

Faculty of Science & Humanities



FACULTY DEVELOPMENT PROGRAMME

Certificate of Participation

This is to Certify that **Mrs. A SANTI MARY ANTONY PROFESSOR** of **SATHYABAMA** had participated in the “ **Faculty Development Programme on Be Gentle with Mind and Body**” organised by SRM Institute of Science & Technology, Faculty of Science & Humanities, Ramapuram, Chennai-89 held on 30th April 2020.

Coordinator
Mrs.K.Priya
Asst-Professor

Organizer
Dr.R. Arulmoli
HOD-MBA

Convener
Dr.C. Sundar
Dean(S&H)



You choose, We do it

St. Joseph's College of Engineering
St. Joseph's Group of Institutions
OMR, Chennai - 119.



IEEE

St. JOSEPH'S COLLEGE
OF ENGINEERING
STUDENT BRANCH CHAPTER



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that

A.Santhi Mary Antony

has actively participated in the Online "Faculty Development Program" on Role of IoT, Embedded, Electric Vehicle & Power Electronic Converters for Smart World organized by St. Joseph's College of Engineering in association with IEEE Student Branch Chapter for the dates "18/05/2020 to 22/05/2020"

Dr. Jayarama Pradeep M.E., Ph.D.
Professor, HOD/EEE.

Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D.
PRINCIPAL



SRI KRISHNADEVARAYA EDUCATIONAL TRUST

SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY

Krishnadevarayanagar, Hunasamaranahalli , OFF international Airport Road, Bengaluru-562 157.
(Affiliated to VTU, recognized by AICTE , accredited NBA & NAAC , An ISO 9001:2008 Certified institution)



Department of Electrical & Electronics Engineering

CERTIFICATE OF PARTICIPATION

Mr/Mrs/Prof A.Santhi Mary Antony

Sathyabama Institute of science and technology

has participated in a Three Day Faculty Development Program on “ **MODERN RENEWABLE ENERGY TECHNOLOGY**” dated 27th to 29th May 2020 organized by the Department of Electrical and Electronics Engineering , **SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY**, Bangalore-562157

Dr. Mahesh K

Coordinator

Dr. C V Mohan

Coordinator

DR H L Suresh

HOD,EEE

Dr. V R Manjunath

Principal

TATA STEEL



Certificate

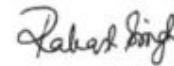
is presented to

Kavitha M

for successfully completing the Elearning program on

PLCs

Date : 12-04-2020

A handwritten signature in black ink, appearing to read 'Prakash Singh'.

Prakash Singh
Chief, Capability Development



Certificate

is presented to

Kavitha M

for successfully completing the Elearning program on

Instrument and Control System

Date : 13-04-2020

A handwritten signature in black ink, appearing to read "Prakash Singh".

Prakash Singh

Chief, Capability Development



Certificate

is presented to

Kavitha M

for successfully completing the Elearning program on

Power System Protection

Date : 11-04-2020



Prakash Singh
Chief, Capability Development



Spoken Tutorial

Certificate of Participation



EASWARI
ENGINEERING COLLEGE
An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY
RAMAPURAM CHENNAI

This is to certify you that Kavitha M participated in a Faculty Development Programme organised by Spoken Tutorial Project, IIT Bombay from 20th April 2020 to 30th April 2020 remotely at Department of Information Technology, Easwari Engineering College, Chennai

The Faculty Development Programme included a demonstration with hands on exposure in Python 3.4.3 and R



Shyama Iyer

Ms. Shyama Iyer
National Training Co-ordinator



Dr. R S Kumar

Dr. R S Kumar
Principal, Easwari Engineering College



L^AT_EX





Dr.N.G.P. INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Recognized by UGC & Accredited by NAAC and NBA [BME, CSE, ECE, EEE & Mechanical]



IEEE



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD initiative)



AICTE - IIPC

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This certifies that

Ms. M. KAVITHA

Has actively participated in

Five days Faculty Development Training Programme on

"Technological Advancement in Power System Control, Power Controllers, Drives & E-Vehicles - TAPPAD 2020" (Webinar series) from 27.04.2020 to 01.5.2020

Organized by Department of Electrical and Electronics Engineering, Dr.N.G.P. Institute of Technology, Coimbatore in association with Dr.N.G.P.IT-IQAC and Sponsored by AUTODESK.

Dr. JAGANATHAN S
CONVENOR

Dr. PORKUMARAN K
PRINCIPAL



05/05/2020

M Kavitha

has successfully completed

Safety in the Utility Industry

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

Richard Stempniak, Associate Professor
Engineering Technology
Buffalo State College

COURSE CERTIFICATE



Verify at coursera.org/verify/NZWU7HFKK8W
Coursera has confirmed the identity of this individual and
their participation in the course.



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



ACCREDITED BY NAAC



APPROVED BY ACTE



RECOGNIZED BY DSIR

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
IN ASSOCIATION WITH
CENTRE FOR RENEWABLE ENERGY TECHNOLOGY-AVIT

Certificate of Participation

This is to Certify that

Ms. M KAVITHA

**Assistant Professor , Sathyabama Institute of Science and
Technology**

Participation Id **AVIFDP0388**

has successfully completed the

**International Faculty Development Programme on "Research
Challenges and Innovations in Renewable Energy Systems"**

organized by the Department of Electrical and Electronics Engineering
in association with Centre for Renewable Energy Technology-AVIT
from 11-05-2020 to 16-05-2020.

Dr. L. CHITRA
HOD / EEE

Prof. P. RAJASEKARAN
Vice Principal (Admin.) & Co-ordinator - IQAC

Dr. K. L. SHUNMUGANATHAN
Principal, AVIT





MHRD

SEC-ORC-5331



Sri

SAI RAM
ENGINEERING COLLEGE

Accredited by NBA and NAAC "A+"
An ISO 9001:2015 Certified and
MHRD NIRF ranked institution

West Tambaram, Chennai - 44.
www.sairam.edu.in



Sairam
INSTITUTIONS



CERTIFICATE OF PARTICIPATION

This is to certify that

Mr. / Ms. / Dr. **M KAVITHA**

of **SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY**

has attended Two Week Online Refresher Course / FDP on **Recent Innovations in
Electrical, Electronics, Instrumentation, Automation & Teaching Pedagogy**
organised by the Departments of EEE, EIE & ICE from 18th to 30th May 2020.

Dr. K. Maran
Director SIMS
Co-ordinator - IQAC

Dr. A. Rajendra Prasad
Principal,
Sri Sairam Engineering College

Sai Prakash LeoMuthu
Chairman & CEO,
Sairam Institutions



**SUSTAINABLE
DEVELOPMENT
GOALS**





Certificate No: ICT-13105/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

M KAVITHA

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Strategic Planning for Entrepreneurship Promotion

from

04-05-20 to 08-05-20 (One Week)

Organized by

Entrepreneurship Development and Industrial Coordination Department

NITTTR, Chandigarh




Coordinator


Director



Certificate No: ICT-9618/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

M KAVITHA

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Leadership and TeamWork for performance Excellence

from

18-05-20 to 22-05-20 (One Week)

Organized by

Electrical Engineering Department

NITTTR, Chandigarh



P. S. S. S.
Coordinator

[Signature]
Director



Certificate No: ICT-19017/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

M KAVITHA

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Understanding Project Management Basics

from

25-05-20 to 29-05-20 (One Week)

Organized by

Entrepreneurship Development and Industrial Coordination Department

NITTTR, Chandigarh





Coordinator



Director



Certificate of Achievement

Congratulations!

KAVITHA M

You have successfully completed our training program on
Introduction to IOT

23rd Apr 2020

Certificate code : 1791833



A stylized black ink signature of Krishna Kumar.

Krishna Kumar
CEO



Certificate of Achievement

Congratulations!

KAVITHA M

You have successfully completed our training program on
Introduction to Artificial Intelligence

05th May 2020

Certificate code : 1827935



A handwritten signature in black ink.

Krishna Kumar
CEO

Certificate of Completion

*This is to certify that **Kavitha Mohandoss**
successfully completed 4.5 total hours of **Design
and Control of DC/DC converter MATLAB/Simulink**
online course on April 6, 2020*

Mo'ath Abu To'amah

Mo'ath AbuTo'amah, Instructor

&



Certificate no: UC-126ada3f-9c6a-4789-8d3b-717008fc6b92
Certificate url: [ude.my/UC-126ada3f-9c6a-4789-8d3b-717008fc6b92](https://udemy.com/UC-126ada3f-9c6a-4789-8d3b-717008fc6b92)

#BeAble



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

KAVITHA M

for successfully completing the course

Electric Vehicles - Part 1

with a consolidated score of **73** %

Online Assignments	23.17/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1926**

Prof. A. Ramesh
Chairman
Centre for Continuing Education, IITM

Feb-Mar 2019
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras





Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

KAVITHA M

for successfully completing the course

DC Microgrid

with a consolidated score of **84** %

Online Assignments	22.92/25	Proctored Exam	60.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **417**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Sep 2019
(8 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee





NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

KAVITHA M

for passing the course

Recent Advances in Transmission Insulator

with Score* **82** %



Prof. G. L. Sivakumar Babu
Chairman, Centre for Continuing Education
IISc Bangalore

Jan-Feb 2020
(4 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore





heatspring

CERTIFICATE OF COMPLETION

This certifies that

Kavitha M

has successfully completed the course requirements for

Resilient Community Microgrids: An Introduction

A 1-module course completed on April 15, 2020

Taught by Michael Burr

SIGNATURE

04/15/2020

DATE

Verify At https://www.heatspring.com/verified_certificates/Knk8bxiw

HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

P ABIRAMI

for successfully completing the course

Electric Vehicles - Part 1

with a consolidated score of **58 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Feb-Mar 2019)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19EE18S51222303

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

P ABIRAMI

for successfully completing the course

C Programming and Assembly Language

with a consolidated score of **60** %

Online Assignments	17.08/25	Proctored Exam	42.5/75
--------------------	----------	----------------	---------

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **280**

Jul-Aug 2019
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS44S21183763

To validate and check scores: <https://nptel.ac.in/noc>



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

P ABIRAMI

for successfully completing the course

DC Microgrid

with a consolidated score of **84** %

Online Assignments	22.92/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **417**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Sep 2019
(8 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL19EE63S11183196

To validate and check scores: <https://nptel.ac.in/noc>

Certificate of Completion

*This is to certify that **Abirami** successfully completed 37 total mins of **Introduction to Power System Harmonics** online course on April 3, 2020*

Krunal Shah
Krunal Shah, Instructor

&
 Udemy

Certificate no: UC-4278ee43-a15b-4651-a5dc-85cc739b23fd
Certificate url: [ude.my/UC-4278ee43-a15b-4651-a5dc-85cc739b23fd](https://udemy.com/certificate/UC-4278ee43-a15b-4651-a5dc-85cc739b23fd)

#BeAble

Certificate of Completion

*This is to certify that **Abirami** successfully
completed 8 total hours of **Electrical Power
Distribution with AUTOCAD, DIALux & Etap**
online course on April 10, 2020*

You Can Academy
YouCan Academy, Instructor



Certificate no: UC-a9582437-0355-4464-9ef8-bb19044f41e3
Certificate url: [ude.my/UC-a9582437-0355-4464-9ef8-bb19044f41e3](https://udemy.com/UC-a9582437-0355-4464-9ef8-bb19044f41e3)

#BeAble

TATA STEEL



Certificate

is presented to

ABIRAMI PERIASWAMY

for successfully completing the Elearning program on

Power System Protection

Date : 11-04-2020

A handwritten signature in black ink, appearing to read 'Prakash Singh'.

Prakash Singh
Chief, Capability Development



Certificate of Achievement

Congratulations!

P.Abirami

You have successfully completed our training program on

Introduction to IOT



22nd Apr 2020

A handwritten signature in black ink.

Virek Sridhar
Program Director



Certificate of Achievement

Congratulations!

PABIRAMI

You have successfully completed our training program on
Introduction to Artificial Intelligence

24th Apr 2020

Certificate code : 1795396



Krishna Kumar
CEO

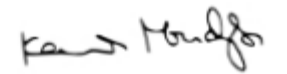


Certificate of Participation

This is to certify that **P. ABIRAMI PERIASWAMY** participated in the **Arduino** training organized at **Sathyabama Institute of Science and Technology** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Arduino** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

March 8th 2020


Prof. Kannan M Moudgalya
IIT Bombay



heatspring

CERTIFICATE OF COMPLETION

This certifies that

P.ABIRAMI

has successfully completed the course requirements for

Solar PV Design, Code, Economics, Sales, and Site Visits

A 5-module course completed on May 02, 2020

Taught by Sean White, Chris Williams, and Ryan Mayfield

SIGNATURE

05/02/2020

DATE

Verify At https://www.heatspring.com/verified_certificates/pPguyduM

HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



CHENNAI INSTITUTE OF TECHNOLOGY

Sarathy Nagar, Kundrathur, Chennai - 600069.



WEBINAR

on

**Opportunities for Engineers and Expectations
from Industry**

Certificate of Participation

This is to certify that

ABIRAMI PERIASWAMY

has participated in the Webinar on **Opportunities for
Engineers and Expectations from Industry** presented by
Dr. Umashankar Subramaniam, Professor, College of
Engineering, Prince Sultan University, Riyadh organised by
Chennai Institute of Technology on 02nd May, 2020.

KNOWLEDGE 4.0 - TECHNICAL WEBINAR SERIES



heatspring

CERTIFICATE OF COMPLETION

This certifies that

P.ABIRAMI

has successfully completed the course requirements for

Battery Capacity - The Basis of Storage

A 1-module course completed on May 03, 2020

Taught by Christopher LaForge

SIGNATURE

05/03/2020

DATE

Verify At https://www.heatspring.com/verified_certificates/yHAEywqX
HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



heatspring

CERTIFICATE OF COMPLETION

This certifies that

P.ABIRAMI

has successfully completed the course requirements for

Resilient Community Microgrids: An Introduction

A 1-module course completed on May 03, 2020

Taught by Michael Burr

SIGNATURE

05/03/2020

DATE

Verify At https://www.heatspring.com/verified_certificates/DwKTnetM

HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



05/05/2020

PGD QU ABIRAMIP

has successfully completed

Safety in the Utility Industry

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

A handwritten signature in black ink, appearing to read 'Richard Stempniak'.

Richard Stempniak, Associate Professor
Engineering Technology
Buffalo State College

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/ZYMJFF6VL5MU
Coursera has confirmed the identity of this individual and
their participation in the course.



Certificate No: ICT-13067/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

P.ABIRAMI

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Strategic Planning for Entrepreneurship Promotion

from

04-05-20 to 08-05-20 (One Week)

Organized by

Entrepreneurship Development and Industrial Coordination Department

NITTTR, Chandigarh



Coordinator

Director



JEPPIAAR
INSTITUTE OF TECHNOLOGY
SELF BELIEF | SELF DISCIPLINE | SELF RESPECT



CERTIFICATE FOR PARTICIPATION FACULTY DEVELOPMENT PROGRAMME

THIS CERTIFICATE IS PRESENTED TO

P.ABIRAMI

For active participation in three days FDP on
Emerging Technology "Robotics Process Automation"
handled by Mr. Kunal Banerjee -SR Product Trainer, from
4th may 2020 to 6th may 2020.

PRINCIPAL

Dr.L. M. Merlin Livingston M.E.,Ph.D

MANAGING DIRECTOR

Dr. N. Marie Wilson B.Tech., MBA., Ph.D

IN ASSOCIATION WITH INTERNAL QUALITY ASSURANCE CELL(IQAC)



TRAINING &
PLACEMENT CELL





The Interstate Postgraduate Medical Association (IPMA) certifies that the individual has participated in the enduring activity COVID-19: What You Need to Know on the date below and is awarded 2.0 AMA PRA Category 1 Credit(s) TM.

05/12/2020

PGD QU ABIRAMIP

has successfully completed

COVID-19: What You Need to Know (CME Eligible)

an online non-credit course authorized by Osmosis and offered through Coursera

COURSE CERTIFICATE



Rishi Desai, MD, MPH
Chief Medical Officer, Osmosis
Infectious Disease Physician

Mary Alex
Executive Director
IPMA

Verify at coursera.org/verify/MVRYNULHL95W
Coursera has confirmed the identity of this individual and
their participation in the course.

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Interstate Postgraduate Medical Association (IPMA) and Osmosis. The IPMA is accredited by the ACCME to provide continuing medical education for physicians.



05/12/2020

PGD QU ABIRAMIP

has successfully completed

Wind Energy

an online non-credit course authorized by Technical University of Denmark (DTU) and offered through Coursera

T. Conia Volk-Helvetia Aus. Wendenberg
G.D. P. - The Reich L. 89

Merete Badger, Alma Salnaja, Lars Pilgaard Mikkelsen, Anaya Sathé, Vladimir Fedorov, Tum Cronin, Torben Krogh Mikkelsen, Morten Hartvig Hansen, Niels-Erik Clausen, Bonnie Ram, Sven-Erik Gryning, Kim Branner, Poul Ejnar Sørensen, Hilmar Kjartansson Danielsen, Henrik Bredmose

COURSE CERTIFICATE



Verify at coursera.org/verify/W4T44DE2GFNM

Coursera has confirmed the identity of this individual and their participation in the course.



Course Completion Certificate

abirami periaswamy

has successfully completed 100% of the self-paced training course

MATLAB Onramp



Craig Santos

DIRECTOR, TRAINING SERVICES

13 May 2020



Course Completion Certificate

abirami periaswamy

has successfully completed 93% of the self-paced training course

Machine Learning Onramp



Craig Santos

DIRECTOR, TRAINING SERVICES

13 May 2020



Certificate No: ICT-7247/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

P.ABIRAMI

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

MATLAB Programming

from

11-05-20 to 15-05-20 (One Week)

Organized by

Electrical Engineering Department

NITTTR, Chandigarh




Coordinator


Director



You choose, We do it
St. Joseph's College of Engineering
St. Joseph's Group of Institutions
OMR, Chennai - 119.



IEEE

St. Joseph's College
of Engineering
Student Branch Chapter



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that

P.ABIRAMI,

has actively participated in the Online "Faculty Development Program" on Role of IoT, Embedded, Electric Vehicle & Power Electronic Converters for Smart World organized by St. Joseph's College of Engineering in association with IEEE Student Branch Chapter for the dates "18/05/2020 to 22/05/2020"

Dr. Jayarama Pradeep M.E., Ph.D.

Professor, HOD/EEE.

Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D

PRINCIPAL



Certificate No: ICT-5969/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

P.ABIRAMI

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

8051 and its Applications

from

18-05-20 to 22-05-20 (One Week)

Organized by

Electrical Engineering Department

NITTTR, Chandigarh



[Signature]
Coordinator

[Signature]
Director



Certificate No: ICT-9581/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

P.ABIRAMI

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Leadership and TeamWork for performance Excellence

from

18-05-20 to 22-05-20 (One Week)

Organized by

Electrical Engineering Department

NITTTR, Chandigarh



P. Anand
Coordinator

[Signature]
Director



P.S.R.ENGINEERING COLLEGE

An Autonomous Institution, Accredited by NAAC and listed under 12(B) of UGC Act 1956
Accredited by NBA, AICTE, New Delhi
Sivakasi 626140, Virudhunagar District



Certificate

Of Participation

This certifies that

P.ABIRAMI

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

has actively participated in a one week Faculty Development Program on **"Research Opportunities in Electrical Engineering and its Applications"** organized by Department of Electrical and Electronics Engineering of P.S.R.Engineering College Sivakasi from 18.05.2020 to 23-05-2020.




Convener



05/21/2020

PGD QU ABIRAMIP

has successfully completed

A Crash Course in Data Science

an online non-credit course authorized by Johns Hopkins University and offered through Coursera

Jeffrey Leek, PhD, Brian Caffo, PhD, MS, Roger D. Peng, PhD

Some online courses may draw on material from courses taught on campus but are not equivalent to on-campus courses. This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University in any way. It does not confer a JHU grade, course credit or degree; establish any relationship between this learner and JHU or other JHU affiliate; enroll or register this learner at JHU or other JHU affiliate or in any course offered by JHU; or entitle this learner to access or use the resources of JHU or other JHU affiliates beyond the online courses provided by Coursera.

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/XNMRHK769L3D

Coursera has confirmed the identity of this individual and their participation in the course.

Some online courses may draw on material from courses taught on campus but are not equivalent to on-campus courses. This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University in any way. It does not confer a JHU grade, course credit or degree; establish any relationship between this learner and JHU or other JHU affiliate; enroll or register this learner at JHU or other JHU affiliate or in any course offered by JHU; or entitle this learner to access or use the resources of JHU or other JHU affiliates beyond the online courses provided by Coursera.



Certificate No: ICT-18256/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

P.ABIRAMI

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Research Trends in VLSI Design

from

25-05-20 to 29-05-20 (One Week)

Organized by

Electronics and Communication Engineering Department

NITTTR, Chandigarh



B. Raj
Coordinator

[Signature]
Director



05/26/2020

PGD QU ABIRAMIP

has successfully completed

Photovoltaic solar energy

an online non-credit course authorized by École Polytechnique and offered through Coursera

Bernard Devillon,
Professor of Physics
École polytechnique
(Palaiseau, France)

Erik Johnson
CNRS Researcher
Laboratoire de Physique des Interfaces et des Couches Minces (LPICM)

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/DP8BT8CFACHS

Coursera has confirmed the identity of this individual and
their participation in the course.

UC San Diego

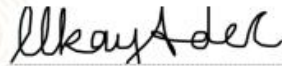
05/28/2020

PGD QU ABIRAMIP

has successfully completed

Introduction to Big Data

an online non-credit course authorized by University of California San Diego and
offered through Coursera



Ilkay Altintas
Chief Data Science Officer
San Diego Supercomputer Center



Amarnath Gupta
Research Scientist
San Diego Supercomputer Center

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/APJECDF53KY
Coursera has confirmed the identity of this individual and
their participation in the course.



heatspring

CERTIFICATE OF COMPLETION

This certifies that

P.ABIRAMI

has successfully completed the course requirements for

Solar Building Codes, Fire Codes, EV's, Rapid Shutdown and Energy Storage Systems

A 1-module course completed on May 28, 2020

Taught by Bill Brooks and Sean White


SIGNATURE

05/28/2020
DATE

Self Report with Certificate: 2 NABCEP Advanced Credit Hours. View the verified link to see all NABCEP hours.

Verify At https://www.heatspring.com/verified_certificates/ipb9i1-V
HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
RAMAPURAM CAMPUS

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
RAMAPURAM CAMPUS, CHENNAI-89**



PART TIME PROGRAM

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Certificate

This is to certify that **P.ABIRAMI**, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, OMR ROAD, RAJIV GANDHI SALAI, 600119 has attended an **Online Lecture** on **“FUNDAMENTALS OF SOLAR PV SYSTEM DESIGN ALONG WITH BALANCE OF SYSTEMS”** organized by the Department of Electrical & Electronics Engineering, Part Time Program, SRM Institute of Science and Technology, Ramapuram Campus, Chennai-89 on 31st May, 2020.

Dr. Helen P. Kavitha
Program Coordinator
Part Time Program
SRM Institute of Science and
Technology
Ramapuram Campus
Chennai-89

Dr. G. Selvakumar
Dean (E&T)
SRM Institute of Science and Technology
Ramapuram Campus
Chennai-89

This is a system generated certificate. Signature is not required



A Short Term Course
on

Advanced Simulation Tools for Power Electronics,
Electromagnetics and Power Systems

(From 1st June 2020 to 5th June 2020)



CERTIFICATE

OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

Mrs. P. Abirami

of

Sathyabama Institute of Science and Technology

Organized by

Department of Electrical and Electronics Engineering

Vignan's Institute of Engineering for Women

Kapu Jaggarajupeta, Visakhapatnam, Andhra Pradesh-530046

Sampath Kumar, Manager,
PWSIM Engineering Solutions Pvt. Ltd.

Dr. K. Durga Syam Prasad,
Head of Department-EEE,
Vignan's Institute of Engineering for
Women

Prof. A. Sessa Rao, Principal
Vignan's Institute of Engineering
for Women



06/05/2020

PGD QU ABIRAMIP

has successfully completed

**Introduction to the Internet of Things and
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered
through Coursera

A handwritten signature in black ink, which appears to read "Ian Harris", is positioned above a horizontal line.

Ian Harris
Professor
Department of Computer Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/D2KT58L7RR8R
Coursera has confirmed the identity of this individual and
their participation in the course.

National Institute of Technical Teachers Training & Research

CHENNAI
GOVERNMENT OF INDIA
MINISTRY OF HUMAN RESOURCE DEVELOPMENT



Quality Improvement Programme

This is to certify that

P. ABIRAMI

Assistant Professor - EEE
Sathyabama Institute of Science & Technology, Chennai, TN

Participated in the Short-term Course on

"Industrial Control using PLC, Pneumatics & LabVIEW"

*conducted by this Institute from 16.12.2019 to 20.12.2019
the major areas covered being:*

- LabVIEW Programming
- Instructions of Allen Bradley PLC
- Programming AB PLC
- SCADA System
- Process Control in Industrial Automation
- Sensors in Industrial Automation
- Pneumatics and FluidSim



20.12.2019

R. A. Rathi
COURSE COORDINATOR

[Signature]
DIRECTOR



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

P ABIRAMI

for successfully completing the course

C Programming and Assembly Language

with a consolidated score of **60** %

Online Assignments	17.08/25	Proctored Exam	42.5/75
--------------------	----------	----------------	---------

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **280**

Jul-Aug 2019
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS44S21183763

To validate and check scores: <https://nptel.ac.in/noc>



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

P ABIRAMI

for successfully completing the course

DC Microgrid

with a consolidated score of **84 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Sep 2019)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19EE63S11183196

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SIVAGAMI P

for successfully completing the course

Deep Learning

with a consolidated score of **67 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Oct 2019)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19CS54S41212112

To validate and check scores: <http://nptel.ac.in/noc>



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SIVAGAMI P

for successfully completing the course

DC Microgrid

with a consolidated score of **80 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Sep 2019)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19EE63S11183216

To validate and check scores: <http://nptel.ac.in/noc>



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SIVAGAMI P

for successfully completing the course

Deep Learning

with a consolidated score of **67** %

Online Assignments	14.00/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **287**

Jul-Oct 2019
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Sl. No. 46255

National Institute of Technical Teachers Training & Research

CHENNAI
GOVERNMENT OF INDIA
MINISTRY OF HUMAN RESOURCE DEVELOPMENT



Quality Improvement Programme

This is to certify that

P. SIVAGAMI

Assistant Professor – EEE
Sathyabama Institute of Science & Technology, Chennai, TN

Participated in the Short-term Course on

“Industrial Control using PLC, Pneumatics & LabVIEW”

*conducted by this Institute from 16.12.2019 to 20.12.2019
the major areas covered being:*

- LabVIEW Programming
- Instructions of Allen Bradley PLC
- Programming AB PLC
- SCADA System
- Process Control in Industrial Automation
- Sensors in Industrial Automation
- Pneumatics and FluidSim



20.12.2019

A. R. J.
COURSE COORDINATOR

[Signature]
DIRECTOR

Certificate of Completion

*This is to certify that **Sivagami P** successfully
completed 8 total hours of **Electrical Power
Distribution with AUTOCAD, DIALux & Etap**
online course on April 7, 2020*

You Can Academy
YouCan Academy, Instructor



Certificate no: UC-55c94db2-961-450a-b663-8b663895ea6b
Certificate url: ude.my/UC-55c94db2-961-450a-b663-8b663895ea6b

#BeAble



Certificate

is presented to

SIVAGAMI PONNALAGAR SAMY

for successfully completing the Elearning program on

Induction Motor

Date : 12-04-2020



Prakash Singh
Chief, Capability Development



Certificate

is presented to

SIVAGAMI PONNALAGAR SAMY

for successfully completing the Elearning program on

Transformer

Date : 13-04-2020



Prakash Singh
Chief, Capability Development



LEARNER RECORD

Learner Details



Name: SIVAGAMI P

E-mail: sivagami.eee@sathyabama.ac.in

Country: India

Total Study Time:

11:07:30

Certified Courses



Score
94%

Completed On
2020-04-17

Diploma in Machine Learning with R studio

This free online course Diploma in Machine Learning with R studio explains how machine learning (ML) techniques can be used to solve business problems. The course begins by explaining the basics of statistics, machine learning and the R programming language. This will help you set up your system and also provide the prerequisites for building machine learning models. Then you will learn about the primary functions of machine learning and different terms associated with machine learning.

CERTIFICATE OF COMPLETION



THIS IS TO CERTIFY THAT

Sivagami P

HAS SUCCESSFULLY COMPLETED THE COURSE
PIG FUNDAMENTALS

Dated: April 24, 2020 10:29:24

ID:9T4LB30LZ

URL: <https://www.educba.com/certificate/?c=9T4LB30LZ>



Jayar
Course Director

Rajulor
Head of Training

Quinor
Course Mentor

www.educba.com

CERTIFICATE OF COMPLETION



EDUCBA

THIS IS TO CERTIFY THAT

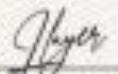
Sivagami P

HAS SUCCESSFULLY COMPLETED THE COURSE
SPSS:01 - DESCRIPTIVE STATISTICS

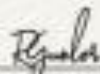
Dated: April 24, 2020 10:29:25

ID:QMSPSA/TC

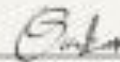
URL: <https://www.educba.com/certificates/?c=QMSPSA/TC>



Course Director



Head of Training



Course Mentor

www.educba.com



Certificate of Achievement

Congratulations!

Sivagami P

You have successfully completed our training program on
Introduction to Artificial Intelligence

23rd Apr 2020

Certificate code : 1793573



A stylized black ink signature of Krishna Kumar.

Krishna Kumar
CEO

Certificate of Completion

*This is to certify that **Sivagami P** successfully
completed 3 total hours of **Electrical, Electronics
and PCB Design Safety & Compliance** online
course on April 23, 2020*

Marco CATANOSSI

Marco CATANOSSI, Instructor



Certificate no: UC-664df09c-cbb5-49d5-a949-050d4ec72e0e
Certificate url: [ude.my/UC-664df09c-cbb5-49d5-a949-050d4ec72e0e](https://udemy.com/certificate/UC-664df09c-cbb5-49d5-a949-050d4ec72e0e)



Life is On



Certificate of Achievement

This Certificate is Awarded to:

SIVAGAMI PONNALAGARSAMY

For the successful completion of:
How to use Energy University Site

0a0f4c6e6df0e16c8d5b38e2a22efbf0

Serial Number

04/23/2020

Date



Certificate of Achievement

This Certificate is Awarded to:

SIVAGAMI PONNALAGARSAMY

For the successful completion of:
Energy Efficiency Fundamentals

d8fd95a1da3dbc2bf19f60775271d724

Serial Number

04/24/2020

Date

Certificate of Achievement

This Certificate is Awarded to:

SIVAGAMI PONNALAGARSAMY

For the successful completion of:
Distributed Generation

d9580a5d6c38953196094c3b6d02bbfe

Serial Number

04/24/2020

Date

Course Completion Certificate

sivagami Nanthanna

has successfully completed 100% of the self-paced training course

Deep Learning Onramp


DIRECTOR, TRAINING SERVICES

02 May 2020

Course Completion Certificate

sivagami Nanthanna

has successfully completed 100% of the self-paced training course

Machine Learning Onramp



DIRECTOR, TRAINING SERVICES

02 May 2020



05/02/2020

SIVAGAMI PONNALAGARSAMY

has successfully completed

Safety in the Utility Industry

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

A handwritten signature in black ink, appearing to read 'Richard Stempniak'.

Richard Stempniak, Associate Professor
Engineering Technology
Buffalo State College

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/JH5GWPZNGJ5N
Coursera has confirmed the identity of this individual and
their participation in the course.



CERTIFICATE OF COMPLETION

This certifies that

SIVAGAMI P

has successfully completed the course requirements for

Solar PV Design, Code, Economics, Sales, and Site Visits

A 5-module course completed on May 03, 2020

Taught by Sean White, Chris Williams, and Ryan Mayfield


SIGNATURE

05/03/2020
DATE

Verify At https://www.heatspring.com/verified_certificates/coeHQ3Nh
HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



heatspring

CERTIFICATE OF COMPLETION

This certifies that

SIVAGAMI P

has successfully completed the course requirements for

Battery Capacity - The Basis of Storage

A 1-module course completed on May 04, 2020

Taught by Christopher LaForge

SIGNATURE

05/04/2020

DATE

Verify At https://www.heatspring.com/verified_certificates/wlkabXsu

HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



Certificate of Achievement

Congratulations!

SIVAGAMI P

You have successfully completed our training program on
Introduction to Data Analytics

07th May 2020

Certificate code : 1854844



A handwritten signature in black ink.

Krishna Kumar
CEO



Certificate of Achievement

Congratulations!

Sivagami P

You have successfully completed our training program on
Introduction to Cybersecurity

09th May 2020

Certificate code : 1860866



A stylized black ink signature of Krishna Kumar.

Krishna Kumar
CEO



The Interstate Postgraduate Medical Association (IPMA) certifies that the individual has participated in the enduring activity COVID-19: What You Need to Know on the date below and is awarded 2.0 AMA PRA Category 1 Credit(s)™.

05/09/2020

SIVAGAMI PONNALAGARSAMY

has successfully completed

COVID-19: What You Need to Know (CME Eligible)

an online non-credit course authorized by Osmosis and offered through Coursera.

**COURSE
CERTIFICATE**



Rishi Desai, MD, MPH
Chief Medical Officer, Osmosis
Infectious Disease Physician

Mary Alas
Executive Director
IPMA

Verify at coursera.org/verify/2YJKBCGEJHFQ
Coursera has confirmed the identity of this individual and
their participation in the course.

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Interstate Postgraduate Medical Association (IPMA) and Osmosis. The IPMA is accredited by the ACCME to provide continuing medical education for physicians.

TATA STEEL

 WeAlsoMakeTomorrow



CERTIFICATE

is presented to

SIVABANT PONNALAR SAMY

for successfully completing the Elearning program on

Basic TQM

Date : 13-05-2020

DATE



PRAKASH SINGH
Chief Capability Development

TATA STEEL

 WeAlsoMakeTomorrow



CERTIFICATE

is presented to

SPV ANANT PONNAIAH OR SAMY

for successfully completing the Elearning program on

Power System Protection

Date : 13-05-2020

DATE



PRAKASH SINGH
Chief Capability Development



Technical University
of Denmark

05/13/2020

SIVAGAMI PONNALAGARSAMY

has successfully completed

Wind Energy

an online non-credit course authorized by Technical University of Denmark (DTU) and
offered through Coursera

[Signatures]

Merete Badger, Alma Salnaja, Lars Pilgaard Mikkelsen, Ameysa Satbe, Vladimir Fedorov, Tom Cronin, Torben Krogh
Mikkelsen, Morten Hartvig Hansen, Niels-Erik Clausen, Bonnie Ram, Sven-Erik Grynning, Kim Branner, Poul Ejnar
Sørensen, Hilmar Kjartansson Danielsen, Henrik Brøndmo

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/2MMR4GHSEQ49
Coursera has confirmed the identity of this individual and
their participation in the course.



heatspring

CERTIFICATE OF COMPLETION

This certifies that

Sivagami P

has successfully completed the course requirements for

A Virtual Tour of Electric Utility Distribution Equipment

A 1-week course completed on May 13, 2020

Taught by Tim Taylor

SIGNATURE

05/13/2020

DATE

Verify At https://www.heatspring.com/verified_certificates/K7LE_ZVc

HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



05/21/2020

SIVAGAMI PONNALAGARSAMY

has successfully completed

A Crash Course in Data Science

an online non-credit course authorized by Johns Hopkins University and offered through Coursera

Jeffrey Leek, PhD, Brian Caffo, PhD, MS, Roger D. Peng, PhD

Some online courses may draw on material from courses taught on campus but are not equivalent to on-campus courses. This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University in any way. It does not confer a JHU grade, course credit or degree; establish any relationship between this learner and JHU or other JHU affiliate; enroll or register this learner at JHU or other JHU affiliate or in any course offered by JHU; or entitle this learner to access or use the resources of JHU or other JHU affiliates beyond the online courses provided by Coursera.

Some online courses may draw on material from courses taught on campus but are not equivalent to on-campus courses. This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University in any way. It does not confer a JHU grade, course credit or degree; establish any relationship between this learner and JHU or other JHU affiliate; enroll or register this learner at JHU or other JHU affiliate or in any course offered by JHU; or entitle this learner to access or use the resources of JHU or other JHU affiliates beyond the online courses provided by Coursera.

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/QHHM4DWYUKF6

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate of Achievement

Congratulations!

Sivagami P

You have successfully completed our training program on
Introduction to Artificial Intelligence

23rd Apr 2020

Certificate code : 1793573



A handwritten signature in black ink.

Krishna Kumar
CEO

TATA STEEL

 WeAlsoMakeTomorrow



CERTIFICATE

is presented to

SRIVASANT PONNALAR SAMY

for successfully completing the Elearning program on

Industry 4.0

Date : 21-05-2020

DATE

PRAKASH SINGH

Chief Capability Development



Certificate of Achievement

Congratulations!

Sivagami P

You have successfully completed our training program on
Introduction to IOT

26th May 2020
Certificate code : 1907638



A handwritten signature in black ink.

Krishna Kumar
CEO

UC San Diego

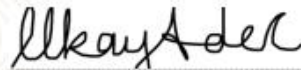
05/28/2020

SIVAGAMI PONNALAGARSAMY

has successfully completed

Introduction to Big Data

an online non-credit course authorized by University of California San Diego and
offered through Coursera



Ilkay Altintas
Chief Data Science Officer
San Diego Supercomputer Center



Amarnath Gupta
Research Scientist
San Diego Supercomputer Center

COURSE
CERTIFICATE



Verify at coursera.org/verify/BHSFB7VN28E5
Coursera has confirmed the identity of this individual and
their participation in the course.



heatspring

CERTIFICATE OF COMPLETION

This certifies that

SIVAGAMI PONNALAGARSAMY

has successfully completed the course requirements for

Solar Building Codes, Fire Codes, EV's, Rapid Shutdown and Energy Storage Systems

A 1-module course completed on May 28, 2020

Taught by Bill Brooks and Sean White

SIGNATURE

05/28/2020

DATE

Self Report with Certificate: 2 NABCEP Advanced Credit Hours. View the verified link to see all NABCEP hours.

Verify At https://www.heatspring.com/verified_certificates/dMRNFtV3

HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



05/29/2020

SIVAGAMI PONNALAGARSAMY

has successfully completed

**Introduction to the Internet of Things and
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered
through Coursera

A handwritten signature in black ink, which appears to read "Ian Harris", is positioned above a horizontal line.

Ian Harris
Professor
Department of Computer Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/2F94LQA26QVA
Coursera has confirmed the identity of this individual and
their participation in the course.

TATA STEEL

 WeAlsoMakeTomorrow



CERTIFICATE

is presented to

SIVANANTHONNALAR SAMY

for successfully completing the Elearning program on

Power System Transmission and Distribution

Date : 29-05-2020

DATE



PRAKASH SINGH
Chief Capability Development



05/25/2020

SIVAGAMI PONNALAGARSAMY

has successfully completed

Photovoltaic solar energy

an online non-credit course authorized by École Polytechnique and offered through Coursera


Bernard Drevillon,
Professor of Physics
Ecole polytechnique
(Palaiseau, France)


Erik Johnson
CNRS Researcher
Laboratoire de Physique des Interfaces et des Couches Minces (LPICM)

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/Q8zTNNUQTGND
Coursera has confirmed the identity of this individual and
their participation in the course.



Certificate No: ICT-13008/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

SIVAGAMI P

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Strategic Planning for Entrepreneurship Promotion

from

04-05-20 to 08-05-20 (One Week)

Organized by

Entrepreneurship Development and Industrial Coordination Department

NITTTR, Chandigarh



Coordinator

Director



Certificate No: ICT-7208/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

SIVAGAMI P

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

MATLAB Programming

from

11-05-20 to 15-05-20 (One Week)

Organized by

Electrical Engineering Department

NITTTR, Chandigarh




Coordinator


Director



Certificate No: ICT-5926/21

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

SIVAGAMI P

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

8051 and its Applications

from

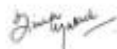
18-05-20 to 22-05-20 (One Week)

Organized by

Electrical Engineering Department

NITTTR, Chandigarh





Coordinator



Director



You choose, We do it

St. Joseph's College of Engineering
St. Joseph's Group of Institutions
OMR, Chennai - 119.



IEEE

St. JOSEPH'S COLLEGE
OF ENGINEERING
STUDENT BRANCH CHAPTER



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that

Sivagami P

has actively participated in the Online "Faculty Development Program" on Role of IoT, Embedded, Electric Vehicle & Power Electronic Converters for Smart World organized by St. Joseph's College of Engineering in association with IEEE Student Branch Chapter for the dates "18/05/2020 to 22/05/2020"

Dr. Jayarama Pradeep M.E., Ph.D.
Professor, HOD/EEE.

Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D
PRINCIPAL



P.S.R.ENGINEERING COLLEGE

An Autonomous Institution, Accredited by NAAC and listed under 12(B) of UGC Act 1956
Accredited by NBA, AICTE, New Delhi
Sivakasi 626140, Virudhunagar District



Certificate

Of Participation

This certifies that

Sivagami P

Sathyabama Institute of Science and Technology

has actively participated in a one week Faculty Development Program on **"Research Opportunities in Electrical Engineering and its Applications"** organized by Department of Electrical and Electronics Engineering of P.S.R.Engineering College Sivakasi from 18.05.2020 to 23-05-2020.




Convener



Christian College of Engineering and Technology

Oddanchatram - 624619, Dindigul District, Tamil Nadu, India Phone: 0453 - 240229, 241128, Fax: 04553 240229

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai, India.



Certificate of Participation



This is to certify that Mr./Ms./Mrs. **Sivagami P**
of **Sathyabama Institute Of Science And Technology**
has participated in a 5-Day-National Level **Online Faculty Development Program on Artificial Intelligence** from 22nd May 2020 to 26th May 2020 organised by the **Department of Information Technology** in association with **National Youth Council of India** and **Brainovision Solutions India Pvt. Ltd.** setting a proud world record with 13000 diligent learners across the nation.

Datchana Moorthy
National Executive President,
NYCI

Ganesh Nag Doddi
CEO of Brainovision

D. Pradeep
AP/IT Coordinator

P. Ramya
AP/IT Coordinator

A. Jaya Prakash
IT HOD

Dr. P. Justus Rabi
Principal



Certificate No: ICT-17995/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

SIVAGAMI P

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Research Trends in VLSI Design

from

25-05-20 to 29-05-20 (One Week)

Organized by

Electronics and Communication Engineering Department

NITTTR, Chandigarh



B. Raj
Coordinator

[Signature]
Director

CERTIFICATE
ICI2EIC 2019



OEIC1001

Dr./ Mr./ Ms. **P.SIVAGAMI**

of **SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY**

has presented a paper entitled

**SMART HOME AUTOMATION CONTROLLED BY ROBOT USING
MATLAB AND ARDUINO**

in SEEE **Online International Conference on Innovation in**

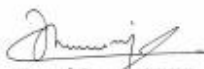
Electrical, Electronics and Intelligent Computing

on 19th and 20th July 2019 Organized by the Society for Engineering

Education Enrichment Association

(Registered under the Tamilnadu Societies Act 27 of 1975)

Tamilnadu Chapter



President - SEEE



SEEE
Society for Engineering Education Enrichment





Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

M.PUSHPAVALLI

for successfully completing the course



Electric Vehicles - Part 1

with a consolidated score of **76** %

Online Assignments	23.17/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1926**

Prof. A. Ramesh
Chairman
Centre for Continuing Education, IITM

Feb-Mar 2019
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras





NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

M.PUSHPAVALLI

for successfully completing the course

C Programming and Assembly Language

with a consolidated score of **52** %

Online Assignments	18.17/25	Proctored Exam	33.5/75
--------------------	----------	----------------	---------

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **280**

Jul-Aug 2019
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras





Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
M.PUSHPAVALLI
for successfully completing the course
DC Microgrid

with a consolidated score of **85** %

Online Assignments	22.92/25	Proctored Exam	62.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **417**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Sep 2019
(8 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee





R.M.K. ENGINEERING COLLEGE

(Accredited by NAAC with A+ Grade, All the UG Programs are Accredited by NBA, New Delhi)

R.S.M. NAGAR, KAVARAIPETTAI - 601206



Two weeks AICTE Sponsored Faculty Development Programme on "Challenges of Integrating Wind and Solar into the Electricity Grid using Information Communications Technology"

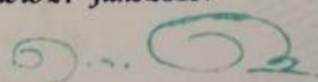
Department of Electrical & Electronics Engineering

Certificate of Participation

This is to certify that Dr./Mr./Ms. M. Pushpavalli
of Sathyabama Institute of Science & Technology
has attended "Two weeks AICTE Sponsored Faculty Development Programme on "Challenges of Integrating Wind and Solar into the Electricity Grid using Information Communications Technology" organized by Department of Electrical and Electronics Engineering, R.M.K Engineering College, during 14th June to 27th June 2019.


HoD


Principal


Chairman

Certificate of Completion

*This is to certify that **Pushpavalli** successfully
completed 4.5 total hours of **Design and Control of
DC/DC converter MATLAB/Simulink** online course
on April 3, 2020*

Mo'ath Abu To'amah

Mo'ath AbuTo'amah, Instructor



Certificate no: UC-2756dea0-8fbc-412f-a380-b544cc82dee8
Certificate url: udemy.com/certificate/UC-2756dea0-8fbc-412f-a380-b544cc82dee8

#BeAble



P.S.R.ENGINEERING COLLEGE

An Autonomous Institution, Accredited by NAAC and listed under 12(B) of UGC Act 1956
Accredited by NBA, AICTE, New Delhi
Sivakasi 626140, Virudhunagar District



Certificate

Of Participation

This certifies that

M.PUSHPAVALLI

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

has actively participated in a one week Faculty Development Program on **"Research Opportunities in Electrical Engineering and its Applications"** organized by Department of Electrical and Electronics Engineering of P.S.R.Engineering College Sivakasi from 18.05.2020 to 23-05-2020.




Convener



Certificate

is presented to

PUSHPAVALLI M

for successfully completing the Elearning program on

Transformer

Date : 11-04-2020



Prakash Singh
Chief, Capability Development



Certificate

is presented to

PUSHPAVALLI M

for successfully completing the Elearning program on

Induction Motor

Date : 13-04-2020

A handwritten signature in black ink, appearing to read "Prakash Singh".

Prakash Singh
Chief, Capability Development



Certificate

is presented to

PUSHPAVALI M

for successfully completing the Elearning program on

Machine Learning

Date : 13-04-2020



Prakash Singh
Chief, Capability Development



Certificate

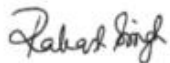
is presented to

PUSHPAVALLI M

for successfully completing the Elearning program on

PLCs

Date : 14-04-2020


Prakash Singh
Chief, Capability Development



Certificate

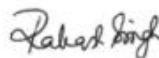
is presented to

PUSHPAVALLI M

for successfully completing the Elearning program on

Measuring instrument

Date : 15-04-2020


Prakash Singh
Chief, Capability Development



Certificate of Achievement

Congratulations!

M. Pushpavalli

You have successfully completed our training program on
Introduction to IOT

22nd Apr 2020
Certificate code : 1791089



A stylized black ink signature of Krishna Kumar.

Krishna Kumar
CEO



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

M.PUSHPAVALLI

for successfully completing the course

C Programming and Assembly Language

with a consolidated score of **52 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Aug 2019)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19CS44S21183761

To validate and check scores: <http://nptel.ac.in/noc>



Certificate of Achievement

Congratulations!

M.PUSHPAVALLI

You have successfully completed our training program on
Introduction to Artificial Intelligence

23rd Apr 2020
Certificate code : 1792694




Krishna Kumar
CEO



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

M.PUSHPAVALLI

for successfully completing the course

Electric Vehicles - Part 1

with a consolidated score of **76** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Feb-Mar 2019)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19EE18S51222255

To validate and check scores: <http://nptel.ac.in/noc>

Course Completion Certificate

PUSHPAVALLI M

has successfully completed 100% of the self-paced training course

MATLAB Onramp


DIRECTOR, TRAINING SERVICES

01 May 2020

Course Completion Certificate

PUSHPAVALLI M

has successfully completed 100% of the self-paced training course

Deep Learning Onramp



DIRECTOR, TRAINING SERVICES

01 May 2020



Certificate of Achievement

Congratulations!

M. PUSHPAVALLI

You have successfully completed our training program on
Introduction to Robotic Process Automation

02nd May 2020
Certificate code : 1822948



A handwritten signature in black ink.

Krishna Kumar
CEO



05/02/2020

PUSHPAVALLI MURUGAN

has successfully completed

Safety in the Utility Industry

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

A handwritten signature in black ink, appearing to read 'Richard Stempniak'.

Richard Stempniak, Associate Professor
Engineering Technology
Buffalo State College

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/THDWGTZM34RC
Coursera has confirmed the identity of this individual and
their participation in the course.



heatspring

CERTIFICATE OF COMPLETION

This certifies that

M.PUSHPAVALLI

has successfully completed the course requirements for

Solar PV Design, Code, Economics, Sales, and Site Visits

A 5-module course completed on May 02, 2020

Taught by Sean White, Chris Williams, and Ryan Mayfield

SIGNATURE

05/02/2020

DATE

Verify At https://www.heatspring.com/verified_certificates/TdgeMCdg

HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



heatspring

CERTIFICATE OF COMPLETION

This certifies that

M.PUSHPAVALLI

has successfully completed the course requirements for

A Virtual Tour of Electric Utility Distribution Equipment

A 1-week course completed on May 12, 2020

Taught by Tim Taylor


SIGNATURE

05/12/2020

DATE

Verify At https://www.heatspring.com/verified_certificates/zaNadxUM

HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



CERTIFICATE OF COMPLETION

This certifies that

M.PUSHPAVALLI

has successfully completed the course requirements for

Resilient Community Microgrids: An Introduction

A 1-module course completed on May 03, 2020

Taught by Michael Burr


SIGNATURE

05/03/2020
DATE

Verify At https://www.heatspring.com/verified_certificates/_DyEL7Jc
HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



Certificate No: ICT-13103/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

M.PUSHPAVALLI

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Strategic Planning for Entrepreneurship Promotion

from

04-05-20 to 08-05-20 (One Week)

Organized by

Entrepreneurship Development and Industrial Coordination Department

NITTTR, Chandigarh




Coordinator

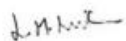

Director

CERTIFICATE FOR PARTICIPATION FACULTY DEVELOPMENT PROGRAMME

THIS CERTIFICATE IS PRESENTED TO

M.PUSHPAVALLI

For active participation in three days FDP on
Emerging Technology "Robotics Process Automation"
handled by Mr. Kunal Banerjee -SR Product Trainer, from
4th may 2020 to 6th may 2020.



PRINCIPAL

Dr.L. M. Merlin Livingston M.E.,Ph.D



MANAGING DIRECTOR

Dr. N. Marie Wilson B.Tech., MBA, Ph.D

IN ASSOCIATION WITH INTERNAL QUALITY ASSURANCE CELL(IQAC)



TRAINING &
PLACEMENT CELL





CERTIFICATE OF COMPLETION

This certifies that

M.PUSHPAVALLI

has successfully completed the course requirements for

Battery Capacity - The Basis of Storage

A 1-module course completed on May 05, 2020

Taught by Christopher LaForge



SIGNATURE

05/05/2020

DATE

Verify At https://www.heatspring.com/verified_certificates/S5HQdydy

HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



05/07/2020

PUSHPAVALLI MURUGAN

has successfully completed

Introduction to Augmented Reality and ARCore

an online non-credit course authorized by Google AR & VR and offered through
Coursera

Google Daydream Impact

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/TCUDTTzLgAB4
Coursera has confirmed the identity of this individual and
their participation in the course.

Course Completion Certificate

PUSHPAVALLI M

has successfully completed 90% of the self-paced training course

Machine Learning Onramp



DIRECTOR, TRAINING SERVICES

07 May 2020



05/08/2020

PUSHPAVALLI MURUGAN

has successfully completed

**Introduction to the Internet of Things and
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered
through Coursera

A handwritten signature in black ink, which appears to read "Ian Harris", is positioned above a horizontal line.

Ian Harris
Professor
Department of Computer Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/LLXPKJYUR6B4
Coursera has confirmed the identity of this individual and
their participation in the course.



The Interstate Postgraduate Medical Association (IPMA) certifies that the individual has participated in the enduring activity COVID-19: What You Need to Know on the date below and is awarded 2.0 AMA PRA Category 1 Credit(s)™.

05/08/2020

PUSHPAVALLI MURUGAN

has successfully completed

COVID-19: What You Need to Know (CME Eligible)

an online non-credit course authorized by Osmosis and offered through Coursera

**COURSE
CERTIFICATE**



Rishi Desai MD, MPH

Rishi Desai, MD, MPH
Chief Medical Officer, Osmosis
Infectious Disease Physician

Mary Ales

Mary Ales
Executive Director
IPMA

Verify at coursera.org/verify/XMUAT7UU8XPZ
Coursera has confirmed the identity of this individual and
their participation in the course.

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Interstate Postgraduate Medical Association (IPMA) and Osmosis. The IPMA is accredited by the ACCME to provide continuing medical education for physicians.



Certificate of Achievement

Congratulations!

M.PUSHPAVALLI

You have successfully completed our training program on
Introduction to Cybersecurity

09th May 2020

Certificate code : 1862407



A handwritten signature in black ink.

Krishna Kumar
CEO



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 ENGINEERING

Certificate of Participation

This is to certify that **Mrs. M.Pushpavalli** from **Sathyabama Institute of Science and Technology**

has participated in one day Online Faculty Development Program on "*Machine Learning for Beginners*", organized by Department of Electrical and Electronics Engineering, **Sathyabama Institute of Science and Technology** on **9th May, 2020** in association with **Indian Servers**.

Dr S Radhika
Associate Professor,
Department of EEE

Dr V Sivachidambaranathan
Professor and Head,
Department of EEE

Dr N M Nandhitha
Professor & Dean,
School of EEE

Mr D Sai Satish
CEO,
Indian Servers
CF / FDP /370



Certificate No: ICT-7268/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that



M.PUSHPAVALLI

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

MATLAB Programming

from

11-05-20 to 15-05-20 (One Week)

Organized by

Electrical Engineering Department

NITTTR, Chandigarh




Coordinator


Director



Technical University
of Denmark

05/14/2020

PUSHPAVALLI MURUGAN

has successfully completed

Wind Energy

an online non-credit course authorized by Technical University of Denmark (DTU) and
offered through Coursera



Merete Badger, Alma Salnaja, Lars Pilsgaard Mikkelsen, Ameya Sathé, Vladimir Fedorov, Tom Cronin, Torben Krogh
Mikkelsen, Morten Hartvig Hansen, Niels-Erik Clausen, Bonnie Ram, Sven-Erik Gryning, Kim Branner, Poul Ejnar
Sørensen, Hilmar Kjartansson Danielsen, Henrik Bredmose

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/M6KA6THGRJSQ

Coursera has confirmed the identity of this individual and
their participation in the course.



Certificate No: ICT-5986/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that



M.PUSHPAVALLI

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

8051 and its Applications

from

18-05-20 to 22-05-20 (One Week)

Organized by

Electrical Engineering Department

NITTTR, Chandigarh



Coordinator

Director



You choose, We do it

St. Joseph's College of Engineering
St. Joseph's Group of Institutions
OMR, Chennai - 119.



IEEE

St. JOSEPH'S COLLEGE
OF ENGINEERING
STUDENT BRANCH CHAPTER

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that

M.PUSHPAVALLI

has actively participated in the Online "Faculty Development Program" on Role of IoT, Embedded, Electric Vehicle & Power Electronic Converters for Smart World organized by St. Joseph's College of Engineering in association with IEEE Student Branch Chapter for the dates "18/05/2020 to 22/05/2020"

Dr. Jayarama Pradeep M.E., Ph.D.
Professor, HOD/EEE.

Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D.
PRINCIPAL



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

M.PUSHPAVALLI

for successfully completing the course

DC Microgrid

with a consolidated score of **85 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Sep 2019)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19EE63S11183194

To validate and check scores: <http://nptel.ac.in/noc>



05/20/2020

PUSHPAVALLI MURUGAN

has successfully completed

Photovoltaic solar energy

an online non-credit course authorized by École Polytechnique and offered through Coursera


Bernard Drevillon,
Professor of Physics
École polytechnique
(Palaiseau, France)


Erik Johnson
CNRS Researcher
Laboratoire de Physique des Interfaces et des Couches Minces (LPICM)

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/2TUZVLLS6AEN
Coursera has confirmed the identity of this individual and
their participation in the course.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
WWW.SATHYABAMA.AC.IN



SATHYABAMA STUDENT CHAPTER



IN ASSOCIATION WITH

The Institution of Engineers (India)



CERTIFICATE OF PARTICIPATION

This is to certify that M. Pushpavalli
from Sathyabama Institute of Science and Technology
has participated in the live webinar on
“Industrial Automation”
held on 7th May 2020.

Organizer
Dr. U. ANITHA
MIE (Corporate Member)

Convener
Dr. S. KARTHIKEYAN, FIE
Head, IEI coordinator

Dean Student Affairs
Dr. G. SUNDARI
Sathyabama Institute of Science
And Technology, Chennai

UC San Diego

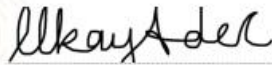
05/29/2020

PUSHPAVALLI MURUGAN

has successfully completed

Introduction to Big Data

an online non-credit course authorized by University of California San Diego and offered through Coursera



Ilkay Altintas
Chief Data Science Officer
San Diego Supercomputer Center



Amarnath Gupta
Research Scientist
San Diego Supercomputer Center

COURSE CERTIFICATE



Verify at coursera.org/verify/ELW7JTLM6KH
Coursera has confirmed the identity of this individual and
their participation in the course.



Certificate No: ICT-18387/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

M.PUSHPAVALLI

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Research Trends in VLSI Design

from

25-05-20 to 29-05-20 (One Week)

Organized by

Electronics and Communication Engineering Department

NITTTR, Chandigarh



B. Roy
Coordinator

[Signature]
Director



CERTIFICATE OF COMPLETION

This certifies that

M.PUSHPAVALLI

has successfully completed the course requirements for

Solar Building Codes, Fire Codes, EV's, Rapid Shutdown and Energy Storage Systems

A 1-module course completed on May 29, 2020

Taught by Bill Brooks and Sean White

SIGNATURE

05/29/2020

DATE

Self Report with Certificate: 2 NABCEP Advanced Credit Hours. View the verified link to see all NABCEP hours.

Verify At https://www.heatspring.com/verified_certificates/YzHN_flg

HeatSpring | PO Box 4120 #85093, Portland, OR 97208 | (800) 393-2044



JNTUH College of Engineering Sultanpur

Sultanpur (V), Pulkal (M), Sangareddy District, Telangana State.



Spoken Tutorial Project, IIT Bombay

**Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching
(PMMNMTT)**

Faculty Development Program

SCILAB - An Open Source Substitute for MATLAB

(25th May 2020 to 30th May 2020)

Certificate

This is to certify that **MRS M.PUSHPAVALLI**

has successfully completed one week National Level Faculty Development Program and online Training on “ **SCILAB - An Open Source Substitute for MATLAB** ” jointly organized by **JNTUH College of Engineering, Sultanpur, Sangareddy (Dt.)** and **Spoken Tutorial Project IIT Bombay** from 25th May 2020 to 30th May 2020.

Dr. M. Shailaja
Prof. of ME, JNTUHCS
Co-Ordinator

Dr. V. Venkateswara Reddy
Vice- Principal, JNTUHCS
Convener

Dr. B. Balu Naik
Principal, JNTUHCS
Chairman

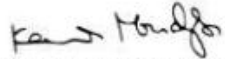


Certificate of Participation

This is to certify that **PUSHPAVALI M** participated in the **Moodle Learning Management System** training organized at **Government College Of Engineering Kalahandi** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Moodle Learning Management System** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

May 29th 2020


Prof. Kannan M Moudgalya
IIT Bombay



R.M.K. ENGINEERING COLLEGE



RSM Nagar, Kavaraipettai-601206

Affiliated to Anna University, Chennai / Approved by AICTE, New Delhi /
Accredited by NAAC with A+ Grade/ISO 9001:2015 Certified Institution /
All UG Programmes are accredited by NBA, New Delhi.



Institution's Innovation Council

(Ministry of HRD Initiative, Govt. of India)

Certificate of Participation

This is to certify that

M.PUSHPAVALLI

**Participated in the webinar on "IPR and IP Management for Innovation
and Start-ups" presented by Mr.O.Prasad Rao, Deputy Controller of
Patents and Design, IP India, Govt.of India on 15.05.2020**

Dr.K.A.Mohamed Junaid
Principal

Shri.R.S.Munirathinam
Chairman



A Short Term Course
on
Advanced Simulation Tools for Power Electronics,
Electromagnetics and Power Systems

(From 1st June 2020 to 5th June 2020)



CERTIFICATE

OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

Mrs. M. Pushpavalli

of

Sathyabama Institute of Science and Technology

Organized by

Department of Electrical and Electronics Engineering

Vignan's Institute of Engineering for Women

Kapu Jaggarajupeta, Visakhapatnam, Andhra Pradesh-530046

Sampath Kumar, Manager,
PWSIM Engineering Solutions Pvt. Ltd.

Dr. K. Durga Syam Prasad,
Head of Department-EEE,
Vignan's Institute of Engineering for
Women

Prof. A. Sessa Rao, Principal
Vignan's Institute of Engineering
for Women

Sl. No. 46264

National Institute of Technical Teachers Training & Research

CHENNAI
GOVERNMENT OF INDIA
MINISTRY OF HUMAN RESOURCE DEVELOPMENT



Quality Improvement Programme

This is to certify that

PUSHPAVALLI. M

Assistant Professor – EEE,
Sathyabama Institute of Science & Technology, Chennai, TN

Participated in the Short-term Course on

“Industrial Control using PLC, Pneumatics & LabVIEW”

*conducted by this Institute from 16.12.2019 to 20.12.2019
the major areas covered being:*

- LabVIEW Programming
- Instructions of Allen Bradley PLC
- Programming AB PLC
- SCADA System
- Process Control in Industrial Automation
- Sensors in Industrial Automation
- Pneumatics and FluidSim



20.12.2019

P. A. Rathy
COURSE COORDINATOR

[Signature]
DIRECTOR

2020/6/5 21:34

CERTIFICATE
ICI2EIC 2019



Dr./ Mr./ Ms. **M.PUSHPAVALLI**

of **SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY**

has presented a paper entitled

**SMART HOME AUTOMATION CONTROLLED BY ROBOT USING
MATLAB AND ARDUINO**

in SEE **Online International Conference on Innovation in**

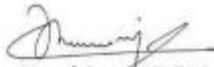
Electrical, Electronics and Intelligent Computing

on 19th and 20th July 2019 Organized by the Society for Engineering

Education Enrichment Association

(Registered under the Tamilnadu Societies Act 27 of 1975)

Tamilnadu Chapter



President-SEE





Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

GEETHA V

for successfully completing the course

DC Microgrid

with a consolidated score of **63** %

Online Assignments	22.92/25	Proctored Exam	39.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **417**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Sep 2019
(8 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee





SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

Accredited by NAAC-UGC with 'A+' Grade, Recognized by UGC.



Department of Mechatronics Engineering

CERTIFICATE OF PARTICIPATION

V.GEETHA, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY.

TAMILNADU

had participated in the webinar on "**Renewable Energy from Ocean — The Opportunities and Challenges**" by Dr.S.Neelamani, Senior Research Scientist, Coastal Management Program, Environment and Life Sciences Research Center, Kuwait Institute of Scientific Research, KUWAIT conducted by Department of Mechatronics, SNS College of Technology, Coimbatore on 29.05.2020.

A.Vishnu
(AP/MCT)

Dr. P. Vivekanandan
(HoD/MCT)

Dr. S. Chenthur Pandian
(Principal)



LEARNER RECORD

Learner Details



Name: Geetha Sendraya Perumal

E-mail: geethasendray28@gmail.com

Country: India

Total Study Time:

0:48:14

Certified Courses



Score
90%

Completed On
2020-03-31

Solar Energy - Solar Technology and Its Use Worldwide

The course provides an in-depth but clear introduction to solar technology, the consequences of using fossil fuels, and how to encourage the use of solar power. It will first teach you about the most important technologies that are used to capture the solar energy, and how they can be implemented in homes, offices, schools, factories, and farms. This will make you aware of what you can do in the main areas of your life to spread solar technology further.

Certificate of Completion

*This is to certify that **V Geetha** successfully
completed 4 total hours of **Designing of Power
Electronic Converters in MATLAB/Simulink** online
course on April 1, 2020*

Mohammed Shariq Ayyaz
Mohammed Shariq Ayyaz, Instructor



Certificate no: UC-e9d30957-95c8-43ec-afc5-0a3226c95660
Certificate url: udemy.com/UC-e9d30957-95c8-43ec-afc5-0a3226c95660

#BeAble

Certificate of Completion

*This is to certify that **V Geetha** successfully
completed 4.5 total hours of **Design and Control of
DC/DC converter MATLAB/Simulink** online course
on April 9, 2020*

Mo'ath AbuTo'amah

Mo'ath AbuTo'amah, Instructor



Certificate no: UC-95c829fe-745c-41d5-a35f-b10bcf775e32
Certificate url: [ude.my/UC-95c829fe-745c-41d5-a35f-b10bcf775e32](https://www.udemy.com/certificate/UC-95c829fe-745c-41d5-a35f-b10bcf775e32/)





Certificate

is presented to

GEETHA . V

for successfully completing the Elearning program on

PLCs

Date : 11-04-2020



Prakash Singh
Chief, Capability Development



Certificate

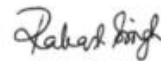
is presented to

GEETHA . V

for successfully completing the Elearning program on

Machine Learning

Date : 11-04-2020

A handwritten signature in black ink, appearing to read "Prakash Singh".

Prakash Singh
Chief, Capability Development



Certificate

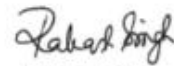
is presented to

GEETHA . V

for successfully completing the Elearning program on

Induction Motor

Date : 13-04-2020



Prakash Singh
Chief, Capability Development



Certificate

is presented to

GEETHA . V

for successfully completing the Elearning program on

Transformer

Date : 13-04-2020



Prakash Singh
Chief, Capability Development



heatspring

CERTIFICATE OF COMPLETION

This certifies that

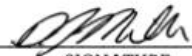
V GEETHA

has successfully completed the course requirements for

The Kroska Case Study: Solar PV Systems with Storage

A 1-module course completed on April 16, 2020

Taught by Christopher LaForge


SIGNATURE

04/16/2020
DATE

Verify At https://www.heatspring.com/verified_certificates/rSFGOOxS

HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



heatspring

CERTIFICATE OF COMPLETION

This certifies that

V.GEETHA

has successfully completed the course requirements for

Designing a residential PV plant with PVsol Software

A 1-module course completed on April 15, 2020

Taught by Shayan Razaghy



SIGNATURE

04/15/2020

DATE

Verify At https://www.heatspring.com/verified_certificates/uSjrRdoo
HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



CERTIFICATE OF COMPLETION

This certifies that

V GEETHA

has successfully completed the course requirements for

Introduction to Solar PV Markets + Solar Startup Guide

A 2-module course completed on April 16, 2020

Taught by Sean White and Chris Williams


SIGNATURE

04/16/2020
DATE

Verify At https://www.heatspring.com/verified_certificates/7mECaMcA

HeatSpring | PO Box 4120 #65093, Portland, OR 97208 | (800) 393-2044



Certificate of Achievement

Congratulations!

V GEETHA

You have successfully completed our training program on
Introduction to Robotic Process Automation

20th Apr 2020
Certificate code : 1773389



A handwritten signature in black ink.

Krishna Kumar
CEO



Certificate of Achievement

Congratulations!

V GEETHA

You have successfully completed our training program on
Introduction to Data Analytics

21st Apr 2020
Certificate code : 1789015




Krishna Kumar
CEO

No:ATAL/2020/183207



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training And Learning (ATAL) Academy, Jaipur

Certificate

This to be certified that **V . GEETHA** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online** FDP on "**Internet of Things(IoT)**" from **20-04-2020** to **24-04-2020** at **NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH, CHANDIGARH.**

Director ATAL Academies



Coordinator

Course Completion Certificate

V GEETHA

has successfully completed 100% of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

30 April 2020

Certificate of Completion

*This is to certify that **V Geetha** successfully
completed 5 total hours of **MATLAB for Power
Electronics: Simulation & Analysis** online course
on May 2, 2020*

Dr. Jignesh Makwana

Dr. Jignesh Makwana, Instructor

&



Certificate no: UC-a9c8550a-a7d6-44db-96da-2444f90ee07f
Certificate url: udemy.com/certificate/UC-a9c8550a-a7d6-44db-96da-2444f90ee07f



Course Completion Certificate

V GEETHA

has successfully completed 100% of the self-paced training course

Deep Learning Onramp



DIRECTOR, TRAINING SERVICES

02 May 2020



Course Completion Certificate

V GEETHA

has successfully completed 100% of the self-paced training course

Machine Learning Onramp



DIRECTOR, TRAINING SERVICES

03 May 2020



JEPPIAAR
INSTITUTE OF TECHNOLOGY
SELF RELIEF | SELF DISCIPLINE | SELF RESPECT



CERTIFICATE FOR PARTICIPATION FACULTY DEVELOPMENT PROGRAMME

THIS CERTIFICATE IS PRESENTED TO

V.GEETHA

For active participation in three days FDP on
Emerging Technology "Robotics Process Automation"
handled by Mr. Kunal Banerjee -SR Product Trainer, from
4th may 2020 to 6th may 2020.

PRINCIPAL

Dr.L. M. Merlin Livingston M.E.,Ph.D

MANAGING DIRECTOR

Dr. N. Marie Wilson B.Tech., MBA., Ph.D

IN ASSOCIATION WITH INTERNAL QUALITY ASSURANCE CELL(IQAC)



MHRD'S
INNOVATION CELL
GOVERNMENT OF INDIA

TRAINING &
PLACEMENT CELL





Certificate No: ICT-12975/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

V.GEETHA

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Strategic Planning for Entrepreneurship Promotion

from

04-05-20 to 08-05-20 (One Week)

Organized by

Entrepreneurship Development and Industrial Coordination Department

NITTTR, Chandigarh




Coordinator


Director



05/05/2020

V GEETHA

has successfully completed

Safety in the Utility Industry

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

A handwritten signature in black ink, appearing to read 'Richard Stempniak'.

Richard Stempniak, Associate Professor
Engineering Technology
Buffalo State College

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/J766HF8YzZJW
Coursera has confirmed the identity of this individual and
their participation in the course.



05/06/2020

V GEETHA

has successfully completed

**Introduction to the Internet of Things and
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered
through Coursera

A handwritten signature in black ink, appearing to read "Ian Harris", is positioned above a horizontal line.

Ian Harris
Professor
Department of Computer Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/L3QCCJQ6WTHY
Coursera has confirmed the identity of this individual and
their participation in the course.



05/07/2020

V GEETHA

has successfully completed

Introduction to Augmented Reality and ARCore

an online non-credit course authorized by Google AR & VR and offered through Coursera

Google Daydream Impact

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/NMBMYRFQEEQ3
Coursera has confirmed the identity of this individual and
their participation in the course.



The Interstate Postgraduate Medical Association (IPMA) certifies that the individual has participated in the enduring activity COVID-19: What You Need to Know on the date below and is awarded 2.0 AMA PRA Category 1 Credit(s)™.

05/08/2020

V GEETHA

has successfully completed

COVID-19: What You Need to Know (CME Eligible)

an online non-credit course authorized by Osmosis and offered through Coursera

Rishi Desai, MD, MPH
Chief Medical Officer, Osmosis
Infectious Disease Physician

Mary Ales
Executive Director
IPMA

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/Y42YYASS6W8V

Coursera has confirmed the identity of this individual and their participation in the course.

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Interstate Postgraduate Medical Association (IPMA) and Osmosis. The IPMA is accredited by the ACCME to provide continuing medical education for physicians.



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 ENGINEERING

Certificate of Participation

This is to certify that **Mrs. V.Geetha** from **Sathyabama Institute of Science and Technology**

has participated in one day Online Faculty Development Program on "*Machine Learning for Beginners*", organized by Department of Electrical and Electronics Engineering, **Sathyabama Institute of Science and Technology** on **9th May, 2020** in association with **Indian Servers**.

Dr S Radhika
Associate Professor,
Department of EEE

Dr V Sivachidambaranathan
Professor and Head,
Department of EEE

Dr N M Nandhitha
Professor & Dean,
School of EEE

Mr D Sai Satish
CEO,
Indian Servers
CF / FDP /134



Certificate No: ICT-7193/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

V.GEETHA

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

MATLAB Programming

from

11-05-20 to 15-05-20 (One Week)

Organized by

Electrical Engineering Department

NITTTR, Chandigarh




Coordinator


Director



Certificate of Achievement

Congratulations!

V.GEETHA

You have successfully completed our training program on
Introduction to Cyber Security

12th May 2020

Certificate code : 1867549



A handwritten signature in black ink.

Krishna Kumar
CEO



Technical University
of Denmark

05/13/2020

V GEETHA

has successfully completed

Wind Energy

an online non-credit course authorized by Technical University of Denmark (DTU) and
offered through Coursera

Merete Badger, Alma Salmaja, Lars Püsgaard Mikkelsen, Ameysa Sathé, Vladimir Fedorov, Tom Cronin, Torben Krogh
Mikkelsen, Morten Hartvig Hansen, Niels-Erik Clausen, Bonnie Ram, Sven-Erik Gryning, Kim Branner, Poul Ejnar
Sørensen, Hilmar Kjartansson Danielsen, Henrik Bredmose

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/RFD6MDZVGD7G
Coursera has confirmed the identity of this individual and
their participation in the course.



Certificate No: ICT-9786/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

V.GEETHA

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Modeling and Simulation using MATLAB

from

18-05-20 to 22-05-20 (One Week)

Organized by

Mechanical Engineering Department

NITTTR, Chandigarh



S. Chami
Coordinator

[Signature]
Director



P.S.R.ENGINEERING COLLEGE

An Autonomous Institution, Accredited by NAAC and listed under 12(B) of UGC Act 1956
Accredited by NBA, AICTE, New Delhi
Sivakasi 626140, Virudhunagar District



Certificate

Of Participation

This certifies that

V.GEETHA

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

has actively participated in a one week Faculty Development Program on **"Research Opportunities in Electrical Engineering and its Applications"** organized by Department of Electrical and Electronics Engineering of P.S.R.Engineering College Sivakasi from 18.05.2020 to 23-05-2020.




Convener



Sri
SAI RAM
ENGINEERING COLLEGE

Accredited by NBA and NAAC "A+"
An ISO 9001:2015 Certified and
MHRD NIRF ranked institution

West Tambaram, Chennai - 44.

www.sairam.edu.in



Sairam
Engineering College



MHRD

SEC-ORC-5071

CERTIFICATE OF PARTICIPATION

This is to certify that

Mr. / Ms. / Dr. V.GEETHA

of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

has attended Two Week Online Refresher Course / FDP on **Recent Innovations in**

Electrical, Electronics, Instrumentation, Automation & Teaching Pedagogy

organised by the Departments of EEE, EIE & ICE from 18th to 30th May 2020.

Dr. K. Maran
Director SRMS
Co-ordinator - IQAC

Dr. A. Rajendra Prasad
Principal,
Sri Sairam Engineering College

Sai Prakash LeoMuthu
Chairman & CEO,
Sairam Institutions



INSTITUTION'S
INNOVATION
COUNCIL
Vision is to make institutions

SUSTAINABLE
DEVELOPMENT
GOALS





You choose, We do it

St. Joseph's College of Engineering
St. Joseph's Group of Institutions
OMR, Chennai - 119.



IEEE

St. Joseph's College
of Engineering
Student Branch Chapter



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that

V.GEETHA

has actively participated in the Online "Faculty Development Program" on Role of IoT, Embedded, Electric Vehicle & Power Electronic Converters for Smart World organized by St. Joseph's College of Engineering in association with IEEE Student Branch Chapter for the dates "18/05/2020 to 22/05/2020"

Dr. Jayarama Pradeep M.E., Ph.D.

Professor, HOD/EEE.

Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D

PRINCIPAL



05/19/2020

V GEETHA

has successfully completed

Photovoltaic solar energy

an online non-credit course authorized by École Polytechnique and offered through Coursera


Bernard Drevillon,
Professor of Physics
École polytechnique
(Palaiseau, France)


Erik Johnson
CNRS Researcher
Laboratoire de Physique des Interfaces et des Couches Minces (LPICM)

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/V7Y4GXN7CREX
Coursera has confirmed the identity of this individual and
their participation in the course.



05/20/2020

V GEETHA

has successfully completed

A Crash Course in Data Science

an online non-credit course authorized by Johns Hopkins University and offered through Coursera

Jeffrey Leek, PhD, Brian Caffo, PhD, MS, Roger D. Peng, PhD

Some online courses may draw on material from courses taught on campus but are not equivalent to on-campus courses. This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University in any way. It does not confer a JHU grade, course credit or degree; establish any relationship between this learner and JHU or other JHU affiliate; enroll or register this learner at JHU or other JHU affiliate or in any course offered by JHU; or entitle this learner to access or use the resources of JHU or other JHU affiliates beyond the online courses provided by Coursera.

Verify at coursera.org/verify/WXJBS5YEYC58
Coursera has confirmed the identity of this individual and their participation in the course.

Some online courses may draw on material from courses taught on campus but are not equivalent to on-campus courses. This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University in any way. It does not confer a JHU grade, course credit or degree; establish any relationship between this learner and JHU or other JHU affiliate; enroll or register this learner at JHU or other JHU affiliate or in any course offered by JHU; or entitle this learner to access or use the resources of JHU or other JHU affiliates beyond the online courses provided by Coursera.

COURSE CERTIFICATE



UC San Diego

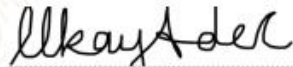
05/21/2020

V GEETHA

has successfully completed

Introduction to Big Data

an online non-credit course authorized by University of California San Diego and offered through Coursera



Ilkay Altintas
Chief Data Science Officer
San Diego Supercomputer Center



Amarnath Gupta
Research Scientist
San Diego Supercomputer Center

COURSE CERTIFICATE



Verify at coursera.org/verify/LERC9HTYMF9W
Coursera has confirmed the identity of this individual and
their participation in the course.

SPRINGER NATURE

Certificate of Participation

ONLINE WORKSHOP

on 'Scientific Writing for Journals' Organized by

SPRINGER NATURE

This is to certify that

Dr./Prof./Mr./Ms. V Geetha

*has successfully participated in the online workshop
on 20th May' 2020.*

Dated
20th May' 2020



Vikash Kumar
Director – Sales, Springer Nature



TIRUMALA ENGINEERING COLLEGE

Approved by AICTE, New Delhi Affiliated to JNTUH, Hyderabad Recognized by Government of T.S.
AN ISO 9001-2015 CERTIFIED INSTITUTION
Sponsored by TIRUMALA MEDICAL ACADEMY



Certificate of Participation

This is to certify that Mr./Ms./Mrs. **V.GEETHA**
from **SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY** has
participated in a 5-Day-National Level **Online Faculty Development Program on Artificial Intelligence**
from 22nd to 26th May 2020 organised by the **Department of Computer Science and Engineering** in
collaboration with **National Youth Council of India** and **Brainovision Solutions India Pvt.Ltd.** setting a
proud world record with 13000 diligent learners across the nation.

Dr.Datchana Moorthy
National Executive President
National Youth Council of India

Ganesh Nag Doddi
CEO of Brainovision

Mrs. M. Parimala
Coordinator, CSE-HOD

K.Pradeep Reddy
Co Coordinator

Dr. C. Dayanand
Principal



Govt. College of Engineering Kalahandi, Bhawanipatna

(A Constituent College of BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA)



CERTIFICATE

This is to certify that Prof./Dr. V.GEETHA of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY has successfully completed the one week Faculty Development Programme on Moodle Learning Management System organized by Government College of Engineering Kalahandi in association with Spoken Tutorial Project, IIT Bombay from 25th May to 30th May 2020.



Kamakhya Prasad Nayak
Co-ordinator

[Signature]
Convener

[Signature]
Principal

Certificate ID:GCEK-FDP-2020-MOODLE-122



Certificate No: ICT-18985/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

V.GEETHA

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Understanding Project Management Basics

from

25-05-20 to 29-05-20 (One Week)

Organized by

Entrepreneurship Development and Industrial Coordination Department

NITTTR, Chandigarh




Coordinator


Director



05/31/2020

V GEETHA

has successfully completed

**Learning How to Learn: Powerful mental tools to
help you master tough subjects**

an online non-credit course authorized by McMaster University and University of
California San Diego and offered through Coursera

Barbara A. Oakley

Terry Sejnowski

Barb Oakley
Terry Sejnowski

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/Uz3HEJGVJY6F
Coursera has confirmed the identity of this individual and
their participation in the course.



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
ESTABLISHED IN 1981

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
RAMAPURAM CAMPUS, CHENNAI-89



PART TIME PROGRAM
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Certificate

This is to certify that **V.GEETHA**, Sathyabama institute of science and technology, Chennai has attended an **Online Lecture** on **“FUNDAMENTALS OF SOLAR PV SYSTEM DESIGN ALONG WITH BALANCE OF SYSTEMS”** organized by the Department of Electrical & Electronics Engineering, Part Time Program, SRM Institute of Science and Technology, Ramapuram Campus, Chennai-89 on 31st May, 2020.

Dr. Helen P. Kavitha
Program Coordinator
Part Time Program
SRM Institute of Science and
Technology
Ramapuram Campus
Chennai-89

Dr. G. Selvakumar
Dean (E&T)
SRM Institute of Science and Technology
Ramapuram Campus
Chennai-89

This is a system generated certificate. Signature is not required

CERTIFICATE

OF PARTICIPATION

C.No: S146075

Presented to

V GEETHA

For participating in the

Season 3 of Skycampus - THE FUTURE IS HERE NOW

Day 1 - Opening Key Note Sessions (90 mins)

held on 27 Apr 2020 conducted by ICT Academy



M Sivakumar
Chief Executive Officer

CERTIFICATE

OF PARTICIPATION

C.No: S151107

Presented to

V GEETHA

For participating in the

Season 3 of Skycampus - THE FUTURE IS HERE NOW

Day 2 - Expert Sessions (90 mins)

held on 28 Apr 2020 conducted by ICT Academy



M Sivakumar
Chief Executive Officer

CERTIFICATE

OF PARTICIPATION

C.No: S153020

Presented to

V GEETHA

For participating in the

Season 3 of Skycampus - THE FUTURE IS HERE NOW

Day 3 - Expert Sessions (90 mins)

held on 29 Apr 2020 conducted by ICT Academy



M Sivakumar
Chief Executive Officer

CERTIFICATE

OF PARTICIPATION

C.No: S157417

Presented to

V GEETHA

For participating in the

Season 3 of Skycampus - THE FUTURE IS HERE NOW

Day 4 - Expert Sessions (90 mins)

held on 30 Apr 2020 conducted by ICT Academy



M Sivakumar
Chief Executive Officer

CERTIFICATE

OF PARTICIPATION

C.No: S160203

Presented to

V GEETHA

For participating in the

Season 3 of Skycampus - THE FUTURE IS HERE NOW

Day 5 - Expert Sessions (90 mins)

held on 01 May 2020 conducted by ICT Academy



M Sivakumar
Chief Executive Officer



No:ATAL/2020/183207

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training And Learning (ATAL) Academy, Jaipur

Certificate

This to be certified that **V . GEETHA** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online FDP** on "**Internet of Things(IoT)**" from **20-04-2020** to **24-04-2020** at **NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH, CHANDIGARH.**

Director ATAL Academies



Coordinator

Sl. No. 46262

National Institute of Technical Teachers Training & Research

CHENNAI
GOVERNMENT OF INDIA
MINISTRY OF HUMAN RESOURCE DEVELOPMENT



Quality Improvement Programme

This is to certify that

V. GEETHA

Assistant Professor - EEE
Sathyabama Institute of Science & Technology, Chennai, TN

Participated in the Short-term Course on

“Industrial Control using PLC, Pneumatics & LabVIEW”

*conducted by this Institute from 16.12.2019 to 20.12.2019
the major areas covered being:*

- LabVIEW Programming
- Instructions of Allen Bradley PLC
- Programming AB PLC
- SCADA System
- Process Control in Industrial Automation
- Sensors in Industrial Automation
- Pneumatics and FluidSim



20.12.2019

[Signature]
COURSE COORDINATOR

[Signature]
DIRECTOR



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
www.sathyabama.ac.in



SCHOOL OF ELECTRICAL AND ELECTRONICS

Certificate of Participation

This is to certify that

Dr.J BARNABAS PAUL GLADY

from

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

has successfully participated in the 10-Day online Faculty Development Program on "**LABVIEW PROGRAMMING**" from 7.5.2020 to 16.5.2020 in association with Optithought (National Instruments Academic Partner), Chennai.

Dr.V.Vijaya Baskar
Coordinator

Mr.E.Muralikrishnan
Director - Optithought

Dr.N.M.Nandhitha
Dean - School of EEE



Sri SAI RAM
INSTITUTE OF TECHNOLOGY
An Autonomous Institution

Accredited by NBA and NAAC "A+"
As ISO 9001:2015 Certified and
MHRD NIRF ranked institutions

West Tambaram, Chennai - 44.
www.sairamit.edu.in



DEPARTMENT OF
**ELECTRICAL & ELECTRONICS
ENGINEERING**



CERTIFICATE OF PARTICIPATION

This is to certify that

Dr. / Mr. / Ms. **J Barnabas paul glady**
of **Sathyabama Institute of Science and Technology, Chennai**

has participated in Five Days Faculty Development programme on
**"RENEWABLE ENERGY TECHNOLOGIES, INTEGRATION TO THE POWER GRID &
E-VEHICLE" from 28th May 2020 – 01st June 2020.**

Dr. M. Jagadeesh Kumar
Dr. T. Muthamizhan

Co-ordinators

Dr. A. Anbazhagan

HOD/EEE

Dr. K. Palanikumar

Principal & President IC
Sri Sairam Institute of Technology

Sai Prakash LeoMuthu

Chairman & CEO,
Sairam Institutions



MHRD



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD, Government of India)

SUSTAINABLE
DEVELOPMENT
GOALS





THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625015, TAMIL NADU

(An Autonomous Institution Affiliated to Anna University)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Participation E- Certificate

This is to certify that J BARNABAS PAUL GLADY of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY has attended the webinar on **"Energy Management in Educational Institutions"** on **30.05.2020** organized by Department of Electrical and Electronics Engineering & Energy Management Cell of Thiagarajar College of Engineering, Madurai.

Dr. B. Ashok Kumar
Coordinator

Dr. V. Saravanan
Resource Person

Dr. N. Kamaraj
HD EEE

Dadi Institute of Engineering & Technology

(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute

An ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution

NH-16, Anakapalle, Visakhapatnam, 531002



PWSIM
PRACTICE WITH SIMULATION



DIET ISTE STUDENT CHAPTER

ESTD- 2007

(AP- 115)

THREE DAY TECHNICAL WEBINAR SERIES

CERTIFICATE *of Participation*

This is to certify that Dr./Mr./Mrs./Ms. J BARNABAS PAUL GLADY from
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY has
participated in **THREE DAY TECHNICAL WEBINAR SERIES**
organised by Department of EEE in association with PWSIM
during 1st-3rd June 2020.

Mr. B.T. Ramakrishna Rao

Convenor & HOD EEE

Dr. Ch.S. Naga Prasad

Principal, DIET

Sri D. Ratnakar

Chairman, DIET



Bapatla Engineering College :: Bapatla

(Autonomous)

Approved by AICTE, Accredited by NBA & NAAC

Affiliated to Acharya Nagarjuna University, Guntur, Bapatla, 522102.



A Five Day Faculty Development Program

J BARNABAS PAUL GLADY

sathyabama institute of science and technology

has participated online FDP on "Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles" During 01-06-2020 to 05-06-2020, Organized by Department of Electrical & Electronics Engineering, Bapatla Engineering College, Bapatla.

Dr. V. Damodara Naidu

Principal,
BECB.

Dr. N. Rama Devi

Professor & Head,
Dept. of EEE.

Dr. B. Vijaya Krishna

Asst. Professor, EEE,
Coordinator.

TATA STEEL



Certificate

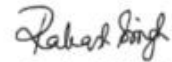
is presented to

SENTHIL NAYAGAM VEDAGIRI

for successfully completing the Elearning program on

PLCs

Date : 12-04-2020

A handwritten signature in black ink, appearing to read 'Prakash Singh'.

Prakash Singh
Chief, Capability Development



Certificate

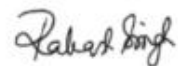
is presented to

SENTHIL NAYAGAM VEDAGIRI

for successfully completing the Elearning program on

Power System Protection

Date : 13-04-2020



Prakash Singh
Chief, Capability Development



Dr.N.G.P. INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Recognized by UGC & Accredited by NAAC and NBA [BME, CSE, ECE, EEE & Mechanical]



AICTE - IIPC

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This certifies that

Mr. V. SENTHIL NAYAGAM

Has actively participated in

Five days Faculty Development Training Programme on

**"Technological Advancement in Power System Control, Power Controllers, Drives
& E-Vehicles - TAPPAD 2020" (Webinar series) from 27.04.2020 to 01.5.2020**

**Organized by Department of Electrical and Electronics Engineering, Dr.N.G.P. Institute of
Technology, Coimbatore in association with Dr.N.G.P.IT-IQAC and Sponsored by AUTODESK.**

Dr. JAGANATHAN S
CONVENOR

Dr. PORKUMARAN K
PRINCIPAL



05/25/2020

SENTHIL NAYAGAM Vedagiri

has successfully completed

Safety in the Utility Industry

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera.

Richard Stempniak, Associate Professor
Engineering Technology
Buffalo State College

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/Q39GTURAN88G
Coursera has confirmed the identity of this individual and
their participation in the course.



AVIT
AARUPADAI VEDDU INSTITUTE OF TECHNOLOGY



**VINAYAKA MISSION'S
RESEARCH FOUNDATION**
(Deemed to be University under section 3 of the UGC Act 1956)



ACCREDITED BY NAAC



APPROVED BY AICTE



RECOGNIZED BY DGE

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
IN ASSOCIATION WITH
CENTRE FOR RENEWABLE ENERGY TECHNOLOGY-AVIT**

Certificate of Participation

This is to Certify that

Mr. V.SENTHIL NAYAGAM

**ASSISTANT PROFESSOR, SATHYABAMA INSTITUTE OF SCIENCE
AND TECHNOLOGY**

Participation Id AVIFDP0390

has successfully completed the

**International Faculty Development Programme on "Research
Challenges and Innovations in Renewable Energy Systems"**

organized by the Department of Electrical and Electronics Engineering
in association with Centre for Renewable Energy Technology-AVIT
from 11-05-2020 to 16-05-2020.



Dr. L. CHITRA
Hod / EEE



Prof. P. RAJASEKARAN
Vice Principal (Admin.) & Co-ordinator - IQAC



Dr. K. L. SHUNMUGANATHAN
Principal, AVIT





MHRD

SEC-ORC-5172



Sri
SAI RAM
ENGINEERING COLLEGE

Accredited by NBA and NAAC "A+"
An ISO 9001:2015 Certified and
MHRD NIRF ranked institution

West Tambaram, Chennai - 44.
www.sairam.edu.in



Sairam
Engineering College



CERTIFICATE OF PARTICIPATION

This is to certify that

Mr. / Ms. / Dr. V.SENTHIL NAYAGAM

of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

has attended Two Week Online Refresher Course / FDP on Recent Innovations in

Electrical, Electronics, Instrumentation, Automation & Teaching Pedagogy

organised by the Departments of EEE, EIE & ICE from 18th to 30th May 2020.

Dr. K. Maran
Director SMS
Co-ordinator - IQAC

Dr. A. Rajendra Prasad
Principal,
Sri Sairam Engineering College

Sai Prakash LeoMuthu
Chairman & CEO,
Sairam Institutions



**SUSTAINABLE
DEVELOPMENT
GOALS**





Bapatla Engineering College :: Bapatla

(Autonomous)

Approved by AICTE, Accredited by NBA & NAAC

Affiliated to Acharya Nagarjuna University, Guntur, Bapatla, 522102.



A Five Day Faculty Development Program

V.SENTHIL NAYAGAM

**SATHYABAMA INSTITUTE OF SCIENCE AND
TECHNOLOGY**

has participated online FDP on "Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles" During 01-06-2020 to 05-06-2020, Organized by Department of Electrical & Electronics Engineering, Bapatla Engineering College, Bapatla.

Dr. V. Damodara Naidu

Principal,
BECB.

Dr. N. Rama Devi

Professor & Head,
Dept. of EEE.

Dr. B. Vijaya Krishna

Asst. Professor, EEE,
Coordinator.

ssenthiln193@gmail.com



Certificate No: ICT-5914/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that



V.SENTHIL NAYAGAM

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

8051 and its Applications

from

18-05-20 to 22-05-20 (Except 18/05/2020)

Organized by

Electrical Engineering Department

NITTTR, Chandigarh



Coordinator

Director



Certificate No: ICT-6252/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

V.SENTHIL NAYAGAM

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
TAMIL NADU**

Participated in the AICTE Recognized Faculty Development Programme

on

Internet of Things

Conducted by

Information Management and Coordination Department

from

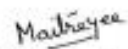
15/04/2020 to 19/04/2020

at

NITTTR, Chandigarh




Coordinator


Head of Department


Director

Certificate of Completion

*This is to certify that **Senthil Nayagam**
successfully completed 4.5 total hours of **Design
and Control of DC/DC converter MATLAB/Simulink**
online course on April 17, 2020*

Mo'ath Abu To'amah
Mo'ath Abu To'amah, Instructor



Certificate no: UC-3d42f09b-728c-49d6-9bd4-026df86082f6
Certificate url: udemy.com/UC-3d42f09b-728c-49d6-9bd4-026df86082f6

#BeAble



Course Categories

Course Types

Courses For Jobs

Shop

b

2

1

Alison ID: 15841853

My Quick Links

Continue Learning

Learner Record

Learner Report

Account Settings

Reset my Dashboard

You met your goal - great job, keep it up!

This week = GOLD!

Last week = SILVER

M T W T F S S

M T W T F S S

Completed Courses

Total completed courses = 1

Title	Assessment Score	Completion Date
Electrical Engineering - Electrical Transformer Components	84%	15/04/2020

in

Add to profile

Learner Verification

Courses in Progress

Check out our courses and start learning!

Study Reminders

My Certificates

You have no Certificates yet. Purchase a

Certificate of Completion

*This is to certify that **Bhuvaneswari** successfully
completed 5 total hours of **MATLAB for Power
Electronics: Simulation & Analysis** online course
on April 9, 2020*

Dr. Jignesh Makwana

Dr. Jignesh Makwana, Instructor



Certificate no: UC-d0cdc609-8d53-4974-b925-6933299ce91e
Certificate url: [udemy.com/certificate/UC-d0cdc609-8d53-4974-b925-6933299ce91e](https://www.udemy.com/certificate/UC-d0cdc609-8d53-4974-b925-6933299ce91e)





Certificate

is presented to

C Bhuvaneswari

for successfully completing the Elearning program on

Power System Power Cables

Date : 28-04-2020



Prakash Singh
Chief, Capability Development

TATA STEEL

 WeAlsoMakeTomorrow



CERTIFICATE

is presented to

C Bhuaneswari

for successfully completing the Elearning program on

Induction Motor

Date : 10-05-2020

DATE

PRAKASH SINGH
Chief Capability Development

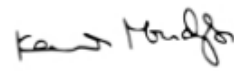


Certificate of Participation

This is to certify that **BHUVANESWARI C** participated in the **R** training organized at **Sathyabama Institute of Science and Technology** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **R** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

March 8th 2020


Prof. Kannan M Moudgalya
IIT Bombay



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 ENGINEERING

Certificate of Participation

This is to certify that **Mrs. C. Bhuvaneswari** from **Sathyabama Institute of Science and Technology**

has participated in one day Online Faculty Development Program on "*Machine Learning for Beginners*", organized by Department of Electrical and Electronics Engineering, **Sathyabama Institute of Science and Technology** on **9th May, 2020** in association with **Indian Servers**.

Dr S Radhika
Associate Professor,
Department of EEE

Dr V Sivachidambaranathan
Professor and Head,
Department of EEE

Dr N M Nandhitha
Professor & Dean,
School of EEE

Mr D Sai Satish
CEO,
Indian Servers
CF / FDP /211

Progress Report

Name: C Bhuvaneswari
Course: MATLAB Onramp
Progress: 100% complete (as of 21 May 2020)

Chapters

- | | |
|--|-------------------------|
| 1. Course Overview 100% | 12. Logical Arrays 100% |
| 2. Commands 100% | 13. Programming 100% |
| 3. MATLAB Desktop and Editor 100% | 14. Final Project 100% |
| 4. Vectors and Matrices 100% | 15. Conclusion 100% |
| 5. Indexing into and Modifying Arrays 100% | |
| 6. Array Calculations 100% | |
| 7. Calling Functions 100% | |
| 8. Obtaining Help 100% | |
| 9. Plotting Data 100% | |
| 10. Review Problems 100% | |
| 11. Importing Data 100% | |



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

BHUVANESWARI.C

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **72** %

Online Assignments	23.94/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **7675**

A. Goswami

Jul-Oct 2019
(12 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur





SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with 'A' Grade by NAAC

Jeppiaar Nagar, Rajiv Gandhi Salai (OMR), Chennai - 600 119, TamilNadu India.



CERTIFICATE OF PARTICIPATION

*This is to certify that Dr. / Mr. / Ms. **Bhuvaneswari C** of **Sathyabama Institute of Science and Technology** has participated on Faculty development program on **“Tiva Embedded processor for IOT application”** organized by the Department of Electrical & Electronics Engineering, School of Electrical and Electronics from 16.12.2019 to 21.12.2019*

Dr.V.Sivachidambaranathan
HOD / EEE

Dr.N.M.Nandhitha
DEAN / EEE



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
WWW.SATHYABAMA.AC.IN



SATHYABAMA STUDENT CHAPTER



IN ASSOCIATION WITH

The Institution of Engineers (India)



CERTIFICATE OF PARTICIPATION

This is to certify that C.Bhuvaneswari
from Sathyabama Institute of Science and Technology
has participated in the live webinar on
“Introduction to Renewable Energy”
held on 23rd May 2020.

Organizer

Dr. U. ANITHA
MIE (Corporate Member)

Convener

Dr. S. KARTHIKEYAN, FIE
Head, IEI coordinator

Dean Student Affairs

Dr. G. SUNDARI
Sathyabama Institute of Science
And Technology, Chennai



04/09/2020

NIRMALRAJ S

has successfully completed

Introduction to Artificial Intelligence (AI)

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read 'Rav Ahuja', positioned above a horizontal line.

Rav Ahuja
AI & Data Science Program Director
IBM Skills Network

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/SNPSHGE4LXj2
Coursera has confirmed the identity of this individual and
their participation in the course.



04/13/2020

NIRMALRAJ S

has successfully completed

Getting Started with AI using IBM Watson

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read 'Rav Ahuja', written over a horizontal dotted line.

Rav Ahuja
AI & Data Science Program Director
IBM Skills Network

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/AT6RZND5R87Z
Coursera has confirmed the identity of this individual and
their participation in the course.



04/16/2020

NIRMALRAJ S

has successfully completed

**Building AI Powered Chatbots Without
Programming**

an online non-credit course authorized by IBM and offered through Coursera

Antonio Cangiano

Antonio Cangiano
Software Developer and Technical Evangelist
IBM Digital Business Group

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/L3JZl48E5MJ4

Coursera has confirmed the identity of this individual and
their participation in the course.



3 Courses

Introduction to Artificial Intelligence (AI)

Getting Started with AI using IBM Watson

Building AI Powered Chatbots Without Programming



04/16/2020

NIRMALRAJ S

has successfully completed the online, non-credit Specialization

AI Foundations for Everyone

In this specialization learners have developed foundational skills in AI. Learners who have successfully completed this specialization should be able to describe what is AI, its applications and use cases. They should be acquainted with terms like Machine Learning, Deep Learning, etc. The learners should be familiar with the various IBM Watson AI services that enable businesses to apply pre-built AI smarts to their solutions. They should also have knowledge on how to build and deploy web-based intelligent virtual assistants. Learners who have earned this certificate have completed 3 online courses on AI and have demonstrated their competency in Foundations of AI using quizzes and several hands on exercises, including creating and deploying an AI enabled chatbot on a website.

Rav Ahuja
AI & Data Science
Program Director
IBM Skills Network

Antonio Cangiano
Software Developer and
Technical Evangelist
IBM Digital Business
Group



05/07/2020

NIRMALRAJ S

has successfully completed

What is Data Science?

an online non-credit course authorized by IBM and offered through Coursera

Alex Aklonis, Ph.D.
Data Scientist

Polong Lin
Data Scientist, IBM

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/WSJK9N3AKFNV

Coursera has confirmed the identity of this individual and
their participation in the course.



05/09/2020

NIRMALRAJ S

has successfully completed

Open Source tools for Data Science

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read 'Polong Lin', written over a horizontal dotted line.

Polong Lin
Data Scientist, IBM

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/WXNNURVFzVG8
Coursera has confirmed the identity of this individual and
their participation in the course.



05/10/2020

NIRMALRAJ S

has successfully completed

Data Science Methodology

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read 'Alex Aklonis', written over a horizontal dotted line.

Alex Aklonis, Ph.D.
Data Scientist

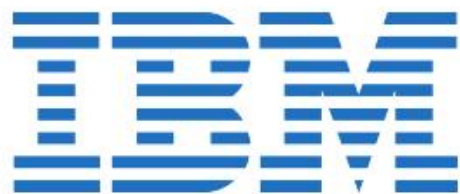
A handwritten signature in black ink, appearing to read 'Polong Lin', written over a horizontal dotted line.

Polong Lin
Data Scientist, IBM

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/SD23FR4RR86Y
Coursera has confirmed the identity of this individual and
their participation in the course.



05/14/2020

NIRMALRAJ S

has successfully completed

Databases and SQL for Data Science

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read 'Rav Ahuja', positioned above a horizontal dotted line.

Rav Ahuja
AI & Data Science Program Director
IBM Skills Network

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/GQFUCWWAGA8J
Coursera has confirmed the identity of this individual and
their participation in the course.



4 Courses

What is Data Science?

Open Source tools for Data Science

Data Science Methodology

Databases and SQL for Data Science



05/14/2020

NIRMALRAJ S

has successfully completed the online, non-credit Specialization

Introduction to Data Science

In this Specialization learners developed foundational Data Science skills to prepare them for a career or further learning that involves more advanced topics in Data Science. The specialization entailed understanding what is Data Science is and the various kinds of activities that a Data Scientist's perform. It familiarized learners with various open source tools, like Jupyter notebooks, used by Data Scientists. It taught them about methodology involved in tackling data science problems. The specialization also provided knowledge of relational database concepts and the use of SQL to query databases. Learners completed hands-on labs and projects to apply their newly acquired skills and knowledge.


Polong Lin
Data Scientist, IBM


Rav Ahuja
AI & Data Science
Program Director
IBM Skills Network


Alex Aklon, Ph.D.
Data Scientist



05/09/2020

NIRMALRAJ S

has successfully completed

Tools for Data Science

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read 'Polong Lin', written over a horizontal line.

Polong Lin
Data Scientist, IBM

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/WXNNURVFzVG8
Coursera has confirmed the identity of this individual and
their participation in the course.



05/20/2020

NIRMALRAJ S

has successfully completed

Data Analysis with Python

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read 'J. Santarcangelo', written over a horizontal dotted line.

Joseph Santarcangelo
Senior Data Scientist
IBM

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/UAYMSB67SX69
Coursera has confirmed the identity of this individual and
their participation in the course.



05/19/2020

NIRMALRAJ S

has successfully completed

Python for Data Science and AI

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read 'J. Santarcangelo', written over a horizontal dotted line.

Joseph Santarcangelo
Senior Data Scientist
IBM

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/MT35CTW6B9WM
Coursera has confirmed the identity of this individual and
their participation in the course.



05/21/2020

NIRMALRAJ S

has successfully completed

Data Visualization with Python

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read 'Alex Aklonis', written over a horizontal dotted line.

Alex Aklonis, Ph.D.
Data Scientist

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/TEA3NHTLDU7L
Coursera has confirmed the identity of this individual and
their participation in the course.



05/21/2020

NIRMALRAJ S

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, reading 'Saeed A.' in a cursive style.

Saeed Aghabozorgi
Sr. Data Scientist
IBM

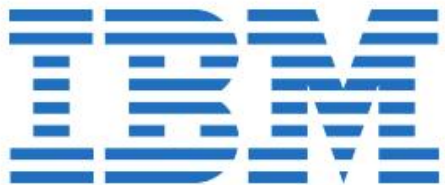
A handwritten signature in black ink, reading 'J. Santarcangelo' in a cursive style.

Joseph Santarcangelo
Senior Data Scientist
IBM

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/M9UXC4HNT3HZ
Coursera has confirmed the identity of this individual and
their participation in the course.



05/24/2020

NIRMALRAJ S

has successfully completed

Applied Data Science Capstone

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read 'Alex Aklon', written over a horizontal dotted line.

Alex Aklon, Ph.D.
Data Scientist

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/gHBYFPM2DCLL
Coursera has confirmed the identity of this individual and
their participation in the course.



05/24/2020

NIRMALRAJ S

has successfully completed the online, non-credit Professional Certificate

IBM Data Science

In this Professional Certificate learners developed and honed hands-on skills in Data Science and Machine Learning. Learners started with an orientation of Data Science and its Methodology, became familiar and used a variety of data science tools, learned Python and SQL, performed Data Visualization and Analysis, and created Machine Learning models. In the process they completed several labs and assignments on the cloud including a Capstone Project at the end to apply and demonstrate their knowledge and skills.

A row of nine handwritten signatures, each corresponding to one of the instructors listed below.

Alex Akson
Polong Lin
Maureen McElaney
Romeo Kienzler
Svetlana Levitan
Joseph Santarcangelo
Hima Vasudevan
Rav Ahuja
Saeed Aghabozorgi



4 Courses

Python for Data Science and AI
Data Analysis with Python
Data Visualization with Python
Applied Data Science Capstone



05/25/2020

NIRMALRAJ S

has successfully completed the online, non-credit Specialization

Applied Data Science

In this specialization learners developed and honed skills for practical data science and machine learning problems. The specialization included learning Python, as well as performing data analysis, and creating data visualizations using Python. Learners also completed a Capstone project to apply and demonstrate their newly acquired knowledge and skills.

Joseph Santarongelo
Senior Data Scientist
IBM

Alex Aklon, Ph.D.
Data Scientist



IEEE PES STUDENT BRANCH
DEPARTMENT OF ELECTRICAL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY CALICUT



APPLICATIONS OF AI IN ELECTRICAL ENGINEERING

Certificate of Participation

This is to certify that
Dr.S.Jayaprakash
has participated in the Online Lecture Series on "Applications of AI in Electrical Engineering" organized by IEEE PES Student Branch, National Institute of Technology Calicut, conducted from 13th April, 2020 to 18th April, 2020 in association with Industrial Power Group, EED, NITC as part of PES DAY 2020 Celebrations.


Dr. Ashok S
PROFESSOR, EED, NITC
& BRANCH ADVISOR, IEEE PES SB




Dr. Kumaravel S
ASSISTANT PROFESSOR, EED
& BRANCH COUNSELLOR, IEEE PES SB



Certificate

is presented to

Jayaprakash S

for successfully completing the Elearning program on

Power System Protection

Date : 17-04-2020


Prakash Singh
Chief, Capability Development



VIDYA JYOTHI INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

(Accredited by NAAC & NBA, Approved by AICTE New Delhi & Permanently Affiliated to JNTUH)

Aziznagar Gate, C.B. Post, Hyderabad-500 075



Department of Electrical and Electronics Engineering

Certificate of Participation

This is to certify that

Dr. S. Jayaprakash

Assistant Professor, Dept. of EEE

Sathyabama Institute of Science & Technology (Deemed to be University), Chennai.

has participated in National Level Faculty Development

Programme on **Effective Teaching and Research Skills** organized by

Dept. of EEE, from 5th to 11th November, 2019.

s.sce
Dr. S SIVA PRASAD

Convener

A. Padmaja
Dr. A. PADMAJA

Principal

P. Venugopal Reddy
Dr. P. VENUGOPAL REDDY

Director

Certificate of Completion

*This is to certify that **S.Jayaprakash** successfully
completed 4.5 total hours of **Design and Control of
DC/DC converter MATLAB/Simulink** online course
on April 8, 2020*

Mo'ath Abu To'amah

Mo'ath AbuTo'amah, Instructor

&



Certificate no: UC-ef234ca8-cf9b-4b54-9bdd-ff5c66725d93
Certificate url: udemy.my/UC-ef234ca8-cf9b-4b54-9bdd-ff5c66725d93





Dr.N.G.P. INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Recognized by UGC & Accredited by NAAC and NBA [BME, CSE, ECE, EEE & Mechanical]



AICTE - IIPC

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This certifies that

Dr. S. JAYAPRAKASH

Has actively participated in

Five days Faculty Development Training Programme on

**"Technological Advancement in Power System Control, Power Controllers, Drives
& E-Vehicles - TAPPAD 2020" (Webinar series) from 27.04.2020 to 01.5.2020**

**Organized by Department of Electrical and Electronics Engineering, Dr.N.G.P. Institute of
Technology, Coimbatore in association with Dr.N.G.P.IT-IQAC and Sponsored by AUTODESK.**

Dr. JAGANATHAN S
CONVENOR

Dr. PORKUMARAN K
PRINCIPAL



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



ACCREDITED BY NAAC



APPROVED BY AICTE



RECOGNIZED BY DSIR

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
IN ASSOCIATION WITH
CENTRE FOR RENEWABLE ENERGY TECHNOLOGY-AVIT

Certificate of Participation

This is to Certify that

Dr. S.Jayaprakash

**Assistant Professor, Sathyabama Institute of Science and
Technology (Deemed to be University), Chennai.**

Participation Id **AVIFDP0350**

has successfully completed the

**International Faculty Development Programme on "Research
Challenges and Innovations in Renewable Energy Systems"**

organized by the Department of Electrical and Electronics Engineering
in association with Centre for Renewable Energy Technology-AVIT
from 11-05-2020 to 16-05-2020.

Dr. L. CHITRA
HoD / EEE

Prof. P. RAJASEKARAN
Vice Principal (Admin.) & Co-ordinator - IQAC

Dr. K. L. SHUNMUGANATHAN
Principal, AVIT



Accredited by NBA and NAAC "A+"
An ISO 9001:2015 Certified and
MHRD NIRF ranked institution

West Tambaram, Chennai - 44.
www.sairam.edu.in



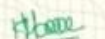
MHRD

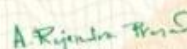
SEC-ORC-5326

CERTIFICATE OF PARTICIPATION

This is to certify that

Mr. / Ms. / Dr. DR.SJAYAPRAKASH
of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY), CHENNAI.
has attended Two Week Online Refresher Course / FDP on **Recent Innovations in**
Electrical, Electronics, Instrumentation, Automation & Teaching Pedagogy
organised by the Departments of EEE, EIE & ICE from 18th to 30th May 2020.


Dr. K. Maran
Director SIMS
Co-ordinator - IQAC


Dr. A. Rajendra Prasad
Principal,
Sri Sai Ram Engineering College


Sai Prakash LeoMuthu
Chairman & CEO,
Sairam Institutions





06/03/2020

JAYAPRAKASH S

has successfully completed

Safety in the Utility Industry

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

Richard Stampniak, Associate Professor
Engineering Technology
Buffalo State College

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/QMMMZZBZXCKA
Coursera has confirmed the identity of this individual and
their participation in the course.

International Conference on Recent Advances in Communication, Energy and Sensors

Organized by

(RACES - 2019)

In Association with



SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
(Deemed to be University)
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600119, India

13th to 15th November 2019

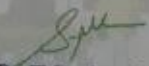


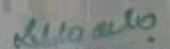
UNIVERSITY OF DERBY
Kedleston Rd, Derby DE22 1GB, United Kingdom

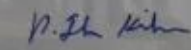
Certificate of Presentation

This is to certify that ~~Dr.~~ / ~~Mr.~~ / Ms. V. GEEETHA of
Sathyabama Institute of Science and Technology has presented a paper
entitled Design and Implementation of standalone solar street light using IOT
in the "International Conference on Recent Advances
in Communication, Energy and Sensors" (RACES-2019) organized by Sathyabama Institute of Science and
Technology, Chennai, India in association with University of Derby, UK during 13th to 15th November 2019.


Dr.N.M.Nandhitha
Dean / School of EEE


Dr.T.Sasipraba
Pro- Vice Chancellor


Dr.S.Sundar Manoharan
Vice Chancellor


Dr.John Panneerselvam
University of Derby, UK



LEARNER RECORD

Learner Details



Name: Abirami Ramkumar

E-mail: abiramiramkumar80@gmail.com

Country: India

Date of Birth: 20th March 1980

Total Study Time:

1:27:22

Certified Courses



Electrical Engineering - Electrical Transformer Components

Score
92%

Completed On
2020-04-10

Electrical transformers are a common site in any electrical distribution system. In order to understand how power is transmitted through an electrical grid, you will need to learn more about transformers. This free online course introduces you to all of an electrical transformer's main components (core, windings etc.). The course shows you how a Buchholz relay works. You will learn about oil level measurements and how transformer temperature measurement works.

Certificate of Completion

*This is to certify that **Abirami** successfully
completed 3.5 total hours of **Introduction to
Embedded Systems** online course on June 13, 2020*

Sam Thomas

Sam Thomas, Instructor

&



Certificate no: UC-0cefe98d-49c6-4a54-a443-06687f1496f
Certificate url: udemy.com/certificate/UC-0cefe98d-49c6-4a54-a443-06687f1496f



CERTIFICATE OF COMPLETION



EDUCBA

THIS IS TO CERTIFY THAT

Sivagami P

HAS SUCCESSFULLY COMPLETED THE COURSE
PIG FUNDAMENTALS

Dated: April 24, 2020 10:29:24

ID:9T4LB30LZ

URL: <https://www.educba.com/certificate/?c=9T4LB30LZ>



Jhayer

Course Director

Rgunlos

Head of Training

Shankar

Course Mentor

www.educba.com