




Sriram Engineering College

Department of EEE

Name & Photo : Mrs. R.JAYALAKSHMI		
Designation:		Assistant Professor
Qualification :	UG(Specialization)	B.E – Electrical and Electronics Engineering
	PG(Specialization)	M.E – Power Electronics and Industrial Drives
	Others	Diploma – Electrical and Electronics Engineering
Area of Specialization :		Power Electronics Electrical Machines
Experience :	Teaching	12 Years
Paper Presentation in Seminar/Conference /Workshop (Specify only numbers)	National	National Conference – 01
	International	International Conference - 05
Participation in (Specify only numbers)	Seminar/ Workshop	-
	Journals	International - 01
	SDPs/FDPs	FDP – 08
	Training Programs	STTP – 02
	Subjects Handled	Power Electronics, Design of Electrical Machines, Control Systems, Electrical Machines I & II, Electrical Engineering & Instrumentation, Transmission and Distribution, Solid State Drives, Electrical Drives and Control, Measurements and Instrumentation, Special Electrical Machines

Experience Details: (Teaching & Industrial)

Name and Address of the Institution	Designation	Total No. of Years / Months
Chennai Institute of Technology	Assistant Professor	2 years
Srinivasa Institute of Engineering and Technology (A Unit of Jaya group)	Assistant Professor	3 years
P.M.R Institute of Technology	Lecturer	3 years 9 months

Paper Presentation in Conferences/FDP/Workshop/Seminar/Guest Lecture :

S. No	Date	Venue	Event	Title
1.	25 th and 29 th Nov 2019	QIS college of engineering and technology	Faculty Development program	Modeling, simulation, control and applications of power electronic converters
2.	8 th May 2019	JNN Institute of Engineering	International Conference	“ Estimation and control of Real– time junction temperature of a motor drive using thermal camera”
3.	6 th and 7 th April 2017 2018	SA Engineering College	International conference	“Unique Reactor design for minimizing harmonic in power system”
4.	12 th and 13 th April 2018	SA Engineering College	International conference	Voltage Sag improvement using DVR and Fuzzy logic controller
5.	17.03.2011	Indhira Gandhi College of Engg and Technology	National conference	Power Embedded and drives control
6.	09.06.2016 16.06.2016	SA Engineering college	Faculty Development program	Electrical Machines - II
7.	06.04.17-07.04.17	S.A. Engineering College	International Conference EMTIC-2017	Generation of Remote area using PV based Stand alone Scheme with minimum converter stages.
8.	08.05.17-14.05.17	Sriram Engineering college	Faculty Development program	EE6007-Micro Electro Mechanical Systems.
9.	23.06.17-24.06.17	Loyola Institute of Technology	Faculty Development program	EE6302-Electro Magnetic Theory
10	10.01.18-11.01.18	Sriram Engineering college	International Conference ‘ICCETCC’ 18	A Comparison of selected Silicon and Silicon carbide switching Devices for PV micro inverter Application.
11	11.06.18-19.06.18	Sri MuthuKumaran Institute of Technology	Faculty Development Program	EE6703- Special Electrical Machines

12	05/01/2021 to 09/01/2021	Easwari Engineering College	Faculty Development Program – Online Mode	Internet of things and applications in 5G
13	07/12/2020 to 19/12/2020	S. A. Engineering College	AICTE sponsored FDP – Online Mode	“High power conversion electronics for green energy based smart grid”
14	30/11/2020 to 05/12/2020	St’ Josephs Institute of Technology	AICTE sponsored FDP Online Mode	Data Analytics for smart grid technology
15	23/11/2020-28/11/2020	QIS college of Engineering and technology- AP	AICTE sponsored Six days online STTP Online Mode	Advanced power electronic converters for Electric vehicle power train and smart grid.
16	23/11/2020-28/11/2020	Academy of maritime Education and Training	AICTE sponsored Six days online STTP - Online Mode	Role of Smart technology in Maritime Industries.

JOURNALS PUBLISHED:

IJAREEIE International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Volume 9, Issue 3, March 2020: ISSN (Print): 2320 – 3765 ISSN (Online): 2278 – 8875	A single phase Bidirectional H6 Rectifier/Inverter with switched capacitor compensator in PV applications
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Awards and Achievements:

- Conducted Guest Lecture on" **Basics of Electrical Engineering**" in **Srinivasa Institute of Engineering and Technology**.
- Conducted Workshop on "**Recent trends in power electronics and power system** " in **Chennai Institute of Technology**.
- Participated in **MTS Techathon Maritime Competition 2018** held during **22nd & 23rd January 2018** at **SRM Institute of Science and Technology**.
- Co-ordinator of **National Conference on “Power and Energy Systems on 22rd March 2018”** in **Sriram Engineering college**.
- Co-ordinator of Workshop on ‘**Recent advancement in IOT**’ on **27.08.18** in **sriram Engineering college**.