

PROFILE

Mrs. MATILDA MARY

Mob: - 09930862224, 9152189421

E-mail: matillda@spce.ac.in



PROFESSIONAL QUALIFICATION

Sr. No.	Degree	Program/Specialisation	University	Year of Passing
1.	B.E./B.Tech.	Electrical and electronics Engg	Madras University	1998
2.	M.E./M.Tech.	Power Electronics and Power systems	Mumbai University	2017
3.	Ph.D.			

EXPERIENCE

Sr. No.	Organisation	Duration
1.	Sardar patel college of Engineering,Mumbai	!6 Nov 2009 to till date
2.	KC college of Engineering,Thane.	June 2008 to Oct 2009(1 year 5 months)
3.	Sri manakula Vinayagar Engineering College,Pondicherry	July 2001 to may 2006(4 years 10 months)
4	IFET College of Engg,Tamilnadu	Nov 1999 to June 2001(1year 7 months)

PROFESSIONAL MEMBERSHIP

Sr. No.	Name of professional society	Membership ID
1 .		

PAPERS PUBLISHED

International Journal

Sr. No.	Authors	Title of paper	Publisher	Year
1.	Tanishq kale and Matilda Mary	Real time industrial pollution Data Acquisition and monitoring system using IOT	IRJET	Sept 2021

International Conference

Sr. No.	Authors	Title of paper	Publisher	Year
1.	M.Matilda Mary,Vidyullata P.Joshi	Load Flow Method for Distribution Systems	IEEE	2017
2.		Compensation of reactive power in DFIG based wind farm using STATCOM	IEEE	2018

National Journals

Sr. No.	Authors	Title of paper	Publisher	Year
1.				

National Conference

Sr. No.	Authors	Title of paper	Publisher	Year
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1.				
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WORKSHOP / COURSES ATTENDED

Sr. No.	Organizer	Title	Year
1.	Dept of EEE at Sri Manakula Vinayagar engineering college, Madagadipet, Pondicherry.	Quality improvement programme on “Engineering Teaching methodology”.	09-14 th JUNE 2003.
2.	Sreenidhi institute of Science & Technology, Hyderabad.(Workshop Sponsored by AICTE)	Staff Development programme on “Effective teaching methodologies for Electrical and electronics for Engineering Teachers”.	1-12-2003 to 12-12-2003
3	K.C. College of Engineering, Kopri, Thane(e) (ISTE Approved)	ISTE approved STTP on software simulation.	12.1..2009 to 16.1.2009
4	IIT Mumbai	Diigital Signal Processing and its applications under TEQIP	9-3-2014-13-3 - 2014
5	Sardar Patel Institute of Technology.Andheri	Electronic system design from devices to applications (AICTE approved)	4-5-2015 to 15-5-2015

6	Sardar Patel Institute of Technology.Andheri	Basic electrical ,electronics and electrical machines(ISTE approved)	13-7-2015 to 17-7-2015
7	Sardar Patel College of Engineering	Microelectromechanical systems	4-8 Jan 2016
8	Sardar Patel Institute of Technology.Andher	Numerical techniques in engg research	11 -15 Dec 2017
9	Sardar Patel College of Engineering	Faculty development programme under twinning in SPCE	29th Oct-2nd Nov2018
10	IIT-B	Electromagnetic fields and waves under TEQIP	1july2019-5 July2019
11	SWAYAM	Digital transformation in teaching learning process	6-22 april 2020
12	Sardar Patel College of Engineering	Efficacy of Digital pedagogy for effective online teaching learning	8-15 Oct 2020
13	College of engg Pune	Advanced power system protection	1-5 Dec 2020
14	Sardar Patel College of Engineering	Electric Vehicles	20Jan 2021-25Jan 2021

15.	Green energy-Challenges and Mitigation Strategies	SPCE	DEC2023
16	Design Thinking	SWAYAM -NPTEL	JULY_AUG UST2024

WORKSHOP / COURSES CONDUCTED

Sr. No.	Organizer	Title	Year
1.		Microprocessor and Microcontrolerrrs	

ONLINE COURSES

Sr. No.	Organizer (AICTE/ Swayam / NPTEL / Coursera)	Title	Year
1.			

CONFERENCE ATTENDED

Sr. No.	Organizer	Title	Year
1.			

CONFERENCE ORGANIZED

Sr. No.	Organizer	Title	Year
1.			

EVENTS ORGANIZED

Sr. No.	Organizer	Title	Year
1.			

PROJECTS GUIDED

PG Level

Sr. No.	Title of project	Year	Status (Completed/ Ongoing)
1.			

Ph.D. Level

Sr. No.	Title of thesis	Year	Status (Completed/ Ongoing)
1.			

SUBJECTS TAUGHT

Sr. No.	Name of subject	UG/ PG
1.	Basic Electrical Engineering	UG
2.	Microprocessors and Microcontrollers	UG
3.	Electrical Networks	UG
4.	Elements of Power systems	UG
5.	Computer Programming	UG
6	Basic Electronics Engg	UG
7	Power generation ,transmission and distribution	UG

ACHIEVEMENT

Sr.	Type of achievement	Year
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No.		
1.		

DEPARTMENTAL AND INSTITUTIONAL RESPONSIBILITIES

Sr. No.	Type of responsibility	Department / Institute	Year
1.	Member of Project Committee	Department	2019-2023
2.	Member of special cell	Institute	2020
3	Member of Library Committee	Institute	2016-17
4.	Member of Obsolete committee	Department	2019 till date
5	Member of timetable committee	Department	2022 till date

INDUSTRIAL TRAINING ATTENDED

Sr. No.	Organizer	Title	Year
1.			

INDUSTRIAL TRAINING ORGANIZED

Sr. No.	Organizer	Title	Year
1.			

EXPERT LECTURE CONDUCTED / ORGANIZED

Sr. No.	Organizer	Title	Year
1.			

FUNDED RESEARCH PROJECT

Sr. No.	Funding agency	Title	Sanctioned amount	Duration with dates	Status (Completed / ongoing)
1.					

REVIEWER

Sr. No.	Title of journal / conference	Year
1.		

CONSULTANCY / TESTING / THIRD PARTY AUDIT

Sr. No.	Organizer	Type of consultancy	Year
1.			