

CURRICULUM VITAE: Dr. MADHAVI PARIMI

<i>Dr. Madhavi Parimi</i> <i>B-5,304, Nishigandha, Ashokvan,</i> <i>Borivali (East)</i> <i>Mumbai, 400066, India</i>	<i>Mobile: +91 9004631781</i> <i>Email: madhaviparimi7@gmail.com</i> DoB: 25/0/1977
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Education Qualifications:

Sr No	Examination	Board / University	Institute	Year of Passing	Division / Class	% Marks
1	SSC	Board of Secondary Education, Andhra Pradesh	Nirmala High School, Machilipatnam	1992	First	84%
2	Intermediate	Board of Intermediate Education, Andhra Pradesh	LAG Girls Junior college, Machilipatnam	1994	First	86%
3	B. Tech (Electrical & Electronics Engg)	Nagarjuna University	SVHCE, Machilipatnam	1998	First	77%
4	M. E. (Power Systems)	Mumbai University	V.J.T. I	2000	First	76.3%
5	Ph. D (Electrical Engineering)	Mumbai University	V.J.T. I	2019	First	7.71 (CPI)

Details of Employment in Descending Order:

Sr. No	University / Institution / Organization	Post	From	To	Courses taught	Total (in years & months)
1	Xavier Institute of Engineering, Mumbai	Assistant Professor	21/06/2010	22/07/2022	<ul style="list-style-type: none">• Basic Electrical Engineering• Electrical Networks,• Television Engineering• Radar Engineering• Control Systems	12 years 1 month

					<ul style="list-style-type: none"> • C- Programming, • Human Machine Interaction, • Artificial Intelligence 	
2	Rizvi College of Engineering, Mumbai	Assistant Professor	01/09/2005	31/08/2008	<ul style="list-style-type: none"> • Basic Electrical and Electronics Engineering • Electrical Networks • Electrical Machines and Measuring Instruments • Process Control Instrumentation 	3 years
3	SVHCE Machilipatnam	Lecturer	02/07/2001	10/08/2002	<ul style="list-style-type: none"> • Electrical Networks • Switchgear and Protection • Industrial Drives 	1 year 1 month
Total Experience						16 years 2 months

Details of Administrative Experience						
Sr No	University / Institution / Organization	Post	Nature of Duties	From	To	Total (in years and months)
1	Xavier Institute of Engineering	HoD, Humanities	Departmental activities	11 th April 2018	22 nd July 2022	4 years 3 months
2	Member of IQAC at Xavier Institute of Engineering	Member	IQAC activities	2018	2022	4 years 3 months

Research Publications: Journals and Conferences					
Sr. No	Title of the publication	Authors	Name of the Journal (do not include conference publications)	Year of publication	SCOPUS/ Web of Science/ UGC care
1	Synchronization of Open Systems: Application to the lossy power grid	M Parimi, S Kulkarni, S Wagh, N Singh	International Journal on Engineering Applications, Praiseworthy prize, ISSN 2281-2881, Vol6, No 1	2018	SCOPUS https://www.praiseworthyprize.org/jsm/index.php?journal=irea
2	Synchronization and integrability of N-machine system with transfer conductances	M Parimi, S Kulkarni, S Wagh, K Kumar, F Kazi, N Singh	PES General Meeting, Boston	2016	<u>Google Scholar:</u> https://scholar.google.com/citations?user=nl9IOxsA AAAJ&hl=en
3	Decomposition of Drift Vector Field: An application to Multi-machine Transient Stability Enhancement	S Kulkarni, M Parimi, S Wagh, N Singh	PES General Meeting, Boston	2016	
4	Adaptive network approach to synchronization and clustering in power grid	Lobhus Mate, M Parimi, Prasang Gadpale	IEEE International Conference on Industrial and Information Systems (ICIIS), Sri Lanka	2017	
5	Real time Estimation of propagation of cascade failures using Branching Process	P Dey, M Parimi, A Yerudkar, S Wagh	Power Engg, Riga, Latvia	2015	
6	Prediction of cascade failure using Probabilistic Approach with AC load flow	D Dagur, M Parimi, S Wagh	ISGT Malaysia	2014	

Details of Published Books			
Sr. No.	Title of the book / book chapters	Name of the publisher	ISBN
1	Synchronization of Open Systems: Application to the lossy power grid	Scholar's One	ISBN /978-613-8-92820-1

Details of International paper presentations:			
Sr. No.	Type of Activity	Place	Year
1	Paper Presentation	ISGT Malaysia	May 2014
2	Poster presentation	PESGM, Boston	July 2016

Details of Guest lectures delivered and Activities within the country:			
Sr. No.	Type of Activity	Title/ Place	Year
1	Paper Presentation	NPEC 2015, IIT Bombay	December, 2015
2	Delivered Guest lecture	Compensator design using Root Locus technique at VJTI	January 2020
3	Delivered Guest lecture	“Introduction to LATEX”, Online workshop, XIE	June 2020
4	Conducted 5-day workshop	“An Introduction to Optimization in Machine Learning”, online workshop at XIE	July 2020
5	Paper reviewer	ICNTE-2021, Fr CRIT, Navi Mumbai	January 2021
6	Online Webinar	“Synchronization in Complex Networks: Applications to Engineering”, RAIT Nerul	July 2021
7	Coordinator	“How to write a research proposal”, IQAC, XIE	July 2022

Awards and Recognitions:		
Sr. No.	Title and details of the award	Year
1	Letter of Appreciation for taking initiative in planning and organizing a Seminar at Xavier Institute of Engineering	2010
2	Letter of Appreciation for achieving a good feedback score of 4+	2017-2022

Membership of Technical Societies:		
Sr. No.	Name of the Society	Membership Number
1	ISTE	LM47827- Life Member

Training Courses/Workshops/ Seminars Attended			
Sr. No	Conducted by	Title	Period
1	ATAL Online Elementary FDP-CoE, Thalassery	Electric Vehicle: Challenges in Charging and their Impact on the Power grid	6 th -10 September 2021
2	AICTE ATAL online Advanced FDP-NITTR	Framework for Online Assessment	16 th -20 th August 2021
3	QIP sponsored one-week Online STTP-SGGSIET, Nanded	Universal Human Values and Professional Ethics	14 th -19 th June 2021
4	ATAL FDP- PDPM Indian Institute of Information Technology, Design and Manufacturing Jabalpur.	Reinforcement Learning an It's Applications	7-11 June 2021
5	ATAL Online FDP -NERIST	Electric Vehicles	07th Dec - 11th Dec, 2020
6	ATAL Online FDP - GGSIU	Neural Network and Deep Learning	23rd Nov - 27th Nov, 2020
7	NIT-Andhra Pradesh	Emerging Trends in Artificial Intelligence Methods to Power Systems, Signal Processing and Control	02nd Nov - 06th Nov, 2020
8	AICTE sponsored STTP- PCIT, Pune	Developing Pedagogy for Effective implementation of OBE in Engineering Institutes	31st Aug - 05th Sep, 2020
9	NIT, Patna	Deeksharambh (Student Induction Program)	10th Aug -14th Aug, 2020
10	JSS Academy, Noida and Spoken Tutorials, IITB	Two-week online FDP on Python	22nd Jun - 04th Jul, 2020.
11	AICTE four days Online course	Examination reforms	29 th April- 2 nd May 2020
12	FDP by EXTC Department XIE, in collaboration with NSS IIT-Roorkee	Big data HADOOP	1 st - 5 th July 2019
13	AP Shah Institute of Technology, organized by AICTE	Three-day FDP on Student Induction program	6 th -8 th June 2019
14	TATA Power	T&D Knowledge fair	7 th February 2018
15	ISTE approved STTP- by SFIT, Mumbai	Faculty Induction Program	5 th -16 th July 2010
16	Two-day CEP National Workshop- IIT Bombay	Power Electronics	6 th -7 th September 2007
17	Two-day CEP Course- IIT Bombay	HVDC converters and Control	27 th -28 th April 2007

Skills and competencies:

Passionate teacher

Good at motivating and mentoring students

Able team player and a team leader

Efficient in planning and organizing events

References: will be provided when required

Place: Mumbai

Date: 30/08/2024