

## **CURRICULUM VITAE: Dr. MADHAVI PARIMI**

<i>Dr. Madhavi Parimi</i>	<i>Mobile: +91 9004631781</i> <i>Email: <a href="mailto:madhaviparimi7@gmail.com">madhaviparimi7@gmail.com</a></i>
---------------------------	---

### **Education Qualifications:**

<b>Sr No</b>	<b>Examination</b>	<b>Board / University</b>	<b>Institute</b>	<b>Year of Passing</b>	<b>Division / Class</b>	<b>% Marks</b>
1	B. Tech (Electrical & Electronics Engg)	Nagarjuna University	SVHCE, Machilipatnam	1998	First	77%
2	M. E. (Power Systems)	Mumbai University	V.J.T. I	2000	First	76.3%
3	Ph. D (Electrical Engineering)	Mumbai University	V.J.T. I	2019	First	7.71 (CPI)

### **Details of Employment in Descending Order:**

<b>Sr. No</b>	<b>University / Institution / Organization</b>	<b>Post</b>	<b>From</b>	<b>To</b>	<b>Courses taught</b>	<b>Total (in years &amp; months)</b>
1	VJTI EMC <sup>2</sup> lab	Post Doc research fellow	17/10/2024	Till date		
1	Xavier Institute of Engineering, Mumbai	Assistant Professor	21/06/2010	22/07/2022	Basic Electrical Engineering, Electrical Networks, Television Engg, Control Systems, C- Programming, Human Machine Interaction	12 years 1 month

2	Rizvi College of Engineering, Mumbai	Assistant Professor	01/09/2005	31/08/2008	Basic Electrical and Electronics Engineering, Electrical networks, Electrical Machines & Measuring Instruments, Process Control and Instrumentation	3 years
3	SVHCE Machilipatnam	Lecturer	02/07/2001	10/08/2002	Electrical Networks, Switchgear Protection, Industrial Drives	1 year 1 month
<b>Total Experience</b>						16 years 2 months

<b>Details of Administrative Experience</b>						
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 <sup>th</sup> April 2018	22 <sup>nd</sup> July 2022	4 years 3 months
2	Member of IQAC at Xavier Institute of Engineering	Member	IQAC activities	2018	2022	4 years 3 months

<b>Research Publications: Journals and Conferences</b>					
<b>Sr. No</b>	<b>Title of the publication</b>	<b>Authors</b>	<b>Name of the Journal (do not include conference publications)</b>	<b>Year of publication</b>	<b>SCOPUS/ Web of Science/ UGC care</b>
1	Synchronization of Open Systems: Application to the lossy power grid	M Parimi, S Kulkarni, S Wagh, N Singh	<b>International Journal</b> on Engineering Applications, Praiseworthy prize, ISSN 2281-2881, Vol6, No 1	2018	SCOPUS <a href="https://www.praiseworthyprize.org/jsm/index.php?journal=irea">https://www.praiseworthyprize.org/jsm/index.php?journal=irea</a>
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	<b><u>Google Scholar:</u></b>  <a href="https://scholar.google.com/citations?user=nl9IOxsAAA&amp;hl=en">https://scholar.google.com/citations?user=nl9IOxsAAA&amp;hl=en</a>
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	

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

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

<b>Details of Guest lectures delivered and Activities within the country:</b>			
<b>Sr. No.</b>	<b>Type of Activity</b>	<b>Title/ Place</b>	<b>Year</b>
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