

PROFILE

Mrs. PRAJAKTA JOSHI

Mob: - 09969032893

E-mail: prajaktajoshi@spce.ac.in



PROFESSIONAL QUALIFICATION

Sr. No.	Degree	Program/Specialisation	University	Year of Passing
1.	B.E./B.Tech.	B.E. Electrical (electronics and power system)	Amaravati University	May 2000
2.	M.E./M.Tech.	M.Tech. Power Electronics and Power Systems	Mumbai University	Aug 2017
3.	Ph.D.	Electrical	Mumbai University	Pursuing

EXPERIENCE

Sr. No.	Organisation	Duration
1.	Private Diploma college	6 Months
2.	Government Polytechnic Mumbai	6 Months
3.	S.P.C.E.	From 2008 to till date

PROFESSIONAL MEMBERSHIP

Sr. No.	Name of professional society	Membership ID
1 .	ISTE	LM 62954
2.	IET	1100331104
3.	IEEE	100156088

PAPERS PUBLISHED

International Journal

Nil

International Conference

Sr. No.	Authors	Title of paper	Publisher	Year
1.	Prajakta Joshi H. J. Bahirat Anupa Sabnis	Design and parametric study of active resonance type HVDC circuit breaker	IEEE	2017

National Journals

Nil

National Conference

Nil

WORKSHOP / COURSES ATTENDED

Sr. No.	Organizer	Title	Year
1.	Sardar Patel Institute of technology	Electromagnetic waves and its application	15-6-2009 to 19-06-2009
2.	Sardar Patel college of Engg	Journey of machine from element to applications (ISTE approved)	22-06-2009 to 26-06-2009

3.	Watumull Engg college, Worali, Mumbai	Emerging area of signal processing and Communication (ISTE approved)	4-1-2010 to 8-1-2010
4.	L&T training institute Pune	Low voltage switch gear maintenance-combine	7-2-2011 to 11-2-2011
5.	CE & QIP, IIT Bombay	Energy management	26-11-2012 to 30-11-2012
6.	ETAP Automation	ETAP 115 Power system Engineering I	7-10-2013 to 11-10-2013
7.	CE & QIP, IIT Bombay	Advances in control systems	19-12-2013 to 23-12-2013
8.	CE & QIP, IIT Bombay	Optimization and game theory: from basic to Latest trends	15-6-2015 to 19-6-2015
9.	Sardar Patel Institute of Technology. Andheri	Basic electrical, electronics and electrical machines (ISTE approved)	13-7-2015 to 17-7-2015
10.	MIT, Aurangabad	Modelling & simulation	27 June to 2 July 2016
11.	FCRIT Vashi	Teaching pedagogies for engineering education	24-28 June 2019

12.	TEQIP 3	Digital Transformation in Teaching Learning Process (DTITLP)	April 2020
13.	COEP Pune	advanced power system protection	Dec 2020
14.	NIT Delhi	Transition in Power Electronics towards Sustainable, Smart and Flexible Micro-Grids	Oct 2020
15.	ATAL: S.P.C.E.	Green Energy: Challenges & Mitigation Strategies	Dec 2023

WORKSHOP / COURSES CONDUCTED

Sr. No.	Organizer	Title	Year
1.	TEQIP	MATLAB applications in engineering and science	May 2013
2.	SPCE, EED	‘Fundamentals of MATLAB’.	July 2015

ONLINE COURSES

Sr. No.	Organizer (AICTE/ Swayam / NPTEL / Coursera)	Title	Year
1.	NPTEL	DC Microgrid and control	2019
2.	NPTEL	Design thinking- A primer	2024

CONFERENCE ATTENDED

Sr. No.	Organizer	Title	Year
1.	B.A.R.C.	Advances in Control & Instrumentation (SACI-2014)	2014
2.	IEEE	International conference on Power Systems	2017
3.	AICTE and CSIR	SCICON-2	2022
4.	S.P.I.T.	IEEE IES research conclave	2024

CONFERENCE ORGANIZED

NIL

EVENTS ORGANIZED

Sr. No.	Organizer	Title	Year
1.	EED	Industry Institute meeting	2017

PROJECTS GUIDED

PG Level

NIL

Ph.D. Level

NIL

SUBJECTS TAUGHT

Sr. No.	Name of subject	UG/ PG
1.	Power Plant Engineering	UG
2.	Elements of Power Systems	UG
3.	power system analysis	UG
4.	Power Electronics	UG
5.	Switchgear and protection	UG
6.	Electrical and electronics measurements	UG
7.	Microprocessor and microcontroller	UG
8.	Power Electronics applications in power systems	UG
9.	Electrical Machines-1	UG
10.	Design of power electronics converter	UG

ACHIEVEMENT

Sr. No.	Type of Achievement	Year
1.	M.tech. degree	2015-17
2.	Selected as Ph.D. candidate at SPCE	2020

DEPARTMENTAL AND INSTITUTIONAL RESPONSIBILITIES

Sr. No.	Type of responsibility	Department / Institute	Year
1.	I-I-I member	Department	2013
2.	Information committee	Department	2014
3.	Admission committee	Institute	2015, 2016
4.	Women development committee	Institute	2017
5.	Examination committee	Department	2018-20
6.	Subject board committee	Department	2021
7.	Time table committee	Department	2021
8.	Purchase committee	Institute	2022
9.	Grievance Redressal Committee (Examinations)	Institute	2022
10.	IT infrastructure management committee	Institute	2023

INDUSTRIAL TRAINING ATTENDED

Sr. No.	Organizer	Title	Year
1.	L & T training centre	Low voltage switchgear maintenance-combine	2011
2.	ETAP	ETAP	7.8.2013-1

	Automation		1.8.2013

INDUSTRIAL TRAINING ORGANIZED: NIL

EXPERT LECTURE ORGANIZED

Sr. No.	Organizer	Title	Year
1.	TEQIP	Air circuit breaker by L&T	2015
2.	TEQIP	‘Application of power electronics in automation’	2016
3.	TEQIP	Space Vector Modulation By Mr. Abheejit Kadam, Siemens	2015
4.	EED	Simulation of advanced AC to AC converter by Dr. Sawant	2024
5.	EED	Design of Gate driver circuit	2024

FUNDED RESEARCH PROJECT

NIL

REVIEWER

NIL

THIRD PARTY AUDIT

Sr. No.	Organizer	Type of consultancy	Year
1.	Bhiwandi Nizampur City	Third Party Inspection Rs. 37885/-	2020

	Municipal Corporation		
2.	Bhiwandi Nizampur City Municipal Corporation	Third Party Inspection Pending reimbursement of 70909+13482.60	2021