

# PROFILE



**Mrs. V. P. JOSHI**

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## PROFESSIONAL QUALIFICATION

Sr. No.	Degree	Program/Specialisation	University	Year of Passing
1.	B.E./B.Tech.	Electrical	Mumbai University	1987
2.	M.E./M.Tech.	Electronics	Mumbai University	1994
3.	Ph.D.	-	-	-

## EXPERIENCE

Sr. No.	Organisation	Duration
1.	Mazgaon Dock Ltd	July 1987 to March 1988
2.	SPCE	April 1988 till date

## PROFESSIONAL MEMBERSHIP

Sr. No.	Name of professional society	Membership ID
1.	ISTE	LM 14000
2.		

## **PAPERS PUBLISHED**

### **International Journal**

<b>Sr. No.</b>	<b>Authors</b>	<b>Title of paper</b>	<b>Publisher</b>	<b>Year</b>
<b>1.</b>				

### **International Conference**

<b>Sr. No.</b>	<b>Authors</b>	<b>Title of paper</b>	<b>Publisher</b>	<b>Year</b>
<b>1.</b>				

### **National Journals**

<b>Sr. No.</b>	<b>Authors</b>	<b>Title of paper</b>	<b>Publisher</b>	<b>Year</b>
<b>1.</b>				

### **National Conference**

<b>Sr. No.</b>	<b>Authors</b>	<b>Title of paper</b>	<b>Publisher</b>	<b>Year</b>
<b>1.</b>				

## **WORKSHOP / COURSES ATTENDED**

<b>Sr. No.</b>	<b>Organizer</b>	<b>Title</b>	<b>Year</b>
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1.	BVB's Sardar Patel College of Engineering, Mumbai under Twinning Activity	TEQIP-III Sponsored one week FDP on Efficacy of Digital Pedagogy for Effective Online Teaching Learning,	Oct. 8 -15, 2020
2.	IIT , SWAYAM	Digital Transformation in Teaching Learning Process	April 6-22, 2020
3.	Structural Department , SPCE	Inter Personal Skills & Management	June 30- July 4, 2014.
4.	(TEQIP Phase III sponsored National Faculty Development Webinar Programme) Department of Electrical Engineering, Dumka Engineering College	Micro-Controller Based Embedded System Design	May 4-8, 2020
5.	Rutgers university	Train the Trainer	Sept. 18-21, 2014
6.	Jaipur Productivity Centre	Transformational leadership and change management	Dec. 17-21, 2014

### WORKSHOP / COURSES CONDUCTED

Sr. No.	Organizer	Title	Year
1.	Coordinated CCE value added courses (Technical - with industry) and non-Technical value added courses	<p>Technical value added courses (with industry):</p> <p>Basic LV - Switchgear and Motor Basic Automation – 1 ( PLC and HMI ) Basic Process Instrumentation</p> <p>Non-Technical value added courses: Ubuntu Self defence training program Financial Literacy Integrated self management Photography</p>	<p>2019-20</p> <p>2019-20 2020-21 till date</p>

### ONLINE COURSES

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

### CONFERENCE ATTENDED

<b>Sr. No.</b>	<b>Organizer</b>	<b>Title</b>	<b>Year</b>
1.			

### CONFERENCE ORGANIZED

<b>Sr. No.</b>	<b>Organizer</b>	<b>Title</b>	<b>Year</b>
1.			

### EVENTS ORGANIZED

<b>Sr. No.</b>	<b>Organizer</b>	<b>Title</b>	<b>Year</b>
1.	IET – SPCE	expert lecture on ‘ Power electronics applications in Automation’by Mr. R. G. Rane, General Manager & Head- Power Electronics & Automation Technology Centre, Electrical & Automation IC, Larsen & Toubro Limited.	September 1, 2016
2.	IET SPCE	MATLAB workshop conducted by	September 12, 2015
3.			

### PROJECTS GUIDED

**PG Level**

<b>Sr. No.</b>	<b>Title of project</b>	<b>Year</b>	<b>Status (Completed/ Ongoing)</b>
1.	<b>Features &amp; Configuration of Chandrapur-Padghe HVDC Project and DC Line to ground Fault Analysis on VSC Based HVDC Transmission Line</b>	<b>2019-20</b>	<b>Completed</b>
2.	<b>Power Quality Enhancement Using Sliding Mode Controlled Dynamic Voltage Restorer</b>	<b>2019-20</b>	<b>Completed</b>
3.	<b>Modelling and Analysis of Solar PV Grid connected system using PLL synchronization and SPWM technique.</b>	<b>2018-19</b>	<b>Completed</b>
4.	<b>5-level cascaded H bridge multilevel inverter fed induction motor drive using sinusoidal PWM.</b>	<b>2018-19</b>	<b>Completed</b>
5.	<b>Planning, designing and simulation of industrial plant</b>	<b>2017-18</b>	<b>Completed</b>
6.	<b>Improvement of power quality using various control techniques of dynamic voltage restorer</b>	<b>2017-18</b>	<b>Completed</b>
7.	<b>Load Flow Method for Distribution System</b>	<b>2016-17</b>	<b>Completed</b>
8.	<b>Power Quality Improvement using Multi-level Inverter as a STATCOM with multiple sources</b>	<b>2016-17</b>	<b>Completed</b>
9.			<b>Completed</b>

**Ph.D. Level**

<b>Sr. No.</b>	<b>Title of thesis</b>	<b>Year</b>	<b>Status (Completed/ Ongoing)</b>

1.	-----		
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### SUBJECTS TAUGHT

Sr. No.	Name of subject	UG/ PG
1.	Protection of Power System (digital part )	PG
1.	Electronic Circuits	UG
2.	Analog Circuits	UG
3.	BEE I	
4.	BEE II	
5.	Microprocessors and Microcontroller	
6.	Signals and Systems	
7.	Digital Signal Processing	
8.	Circuit Analysis	
9.	Digital Electronics	
10.	Integrated Circuits	

### ACHIEVEMENT

Sr. No.	Type of achievement	Year
1.		

### DEPARTMENTAL AND INSTITUTIONAL RESPONSIBILITIES

Sr. No.	Type of responsibility	Department / Institute	Year
1.	In Charge HOD	Department	2013 -2016
2.	CCE Chairperson	Institute	2019 - till date

3	WDC committee member	Institute	2021 till date
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### INDUSTRIAL TRAINING ATTENDED

Sr. No.	Title	Year
1.		
2.		

### INDUSTRIAL TRAINING ORGANIZED

Sr. No.	Organizer	Title	Year
1.	CCE SPCE and Siemens	Technical value added courses (with industry): Basic LV - Switchgear and Motor Basic Automation – 1 ( PLC and HMI ) Basic Process Instrumentation	2019-20

### EXPERT LECTURE CONDUCTED / ORGANIZED

Sr. No.	Organizer	Title	Year
1.	Expert lectures through Online google meet	Importance of Simulation	Nov. 11, 2020
2.	ISTE Approved One week FDP on "Basic Electrical, Electronics & Electrical Machines" organized by the Electronics Engineering Department SPIT	Semiconductor Devices	16th July 2015

**FUNDED RESEARCH PROJECT**

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

**REVIEWER**

<b>Sr. No.</b>	<b>Title of journal / conference</b>	<b>Year</b>
1.		

**CONSULTANCY / TESTING / THIRD PARTY AUDIT**

<b>Sr. No.</b>	<b>Organizer</b>	<b>Type of consultancy</b>	<b>Year</b>
1.			