

## FACULTY PROFILE

**FACULTY NAME:** Mrs. Rajitha T. B

**DATE OF BIRTH:** 10/04/1968

**UNIQUE ID:** 466160148

**E-MAIL ID:** [rajitha.t.balan@bharatividyaapeeth.edu](mailto:rajitha.t.balan@bharatividyaapeeth.edu)

**DESIGNATION:** HOD

**QUALIFICATION:** ME - Electrical Engg.

**WORK EXPERIENCE:**

- **TEACHING:** 32 years
- **INDUSTRY:** Nil

**AREA OF SPECIALIZATION:** Electrical Power Systems

**STATUS (Permanent/ Adhoc):** Permanent

**MEMBERSHIP OF PROFESSIONAL BODIES:**

Sr. No.	Name	Membership No.
1	ISTE Life member, since 1998	LM 25970
2	The Institution of Engineers (India), since 2011	M-142822 - 5

**COURSES TAUGHT IN LAST THREE YEARS:**

SR.NO.	COURSE CODE	COURSE (Subject) NAME	ABBREVIA TION	TH/PR
1	22212	Fundamentals of Electrical Engg.	FEE	TH & PR
2	22327	Electrical Power Generation	EPG	TH & PR
3	22324	Electric Circuits	ECI	TH



4	22419	Electrical Power Transmission & Distribution	EPT	TH & TU
5	22524	Switch Gear & Protection	SAP	TH & PR
6	22627	Electrical Estimating & Contracting	EEC	TH&PR
7	22060	Capstone Project Execution and report writing	CPE	PR

**TRAININGS ATTENDED:**

Sr. No.	TITLE	DURATION	PLACE
1	Automation	22/07/19- 26/07/19	Sitrain Seimens Airoli
2	On-line FDP on Moodle Learning management System	25/04/20 - 30/04/20	Spoken tutorial Project, IIT Bombay & Shah & Anchor Kutchhi Engineering College -Mumbai
3	ATAL Online FDP on "Energy Engineering"	05/10/20 - 09/10/20	VIT, Pune.
4	Webinar on “National Education Policy 2020 ”	28/05/2020	Government Polytechnic, Mumbai
5	National Online FDP on Virtual Labs: Education 4.0	23/07/2020	MIT Art, Design and technology University, Pune
6	Recent Technologies in Electrical Engineering	14/07/2021-16/07/21	Bharati Vidyapeeth's Jawaharlal Nehru Institute of Technology -BVJNIOT(Poly) Dhankawadi, Pune
7	Universal Human Values	26/07/2021-	AICTE

	in Education	30/07/2021	
8	Scope and Aspects of Renewable Energy in Rajasthan	10/02/2022	ASSOCHAM Rajasthan SDC)
9	Energy Performance Contracting: ESCO opportunities and Challenges in Hospitality Industry	1day	Bureau of Energy Efficiency (BEE), MoP, GoI, and ASSOCHAM GEM Green Building Council
10	Innovative Approaches to develop Entrepreneurship Skills and Research Paper writing Skills	14/03/2022-16/03/2022	BVIT, Mechanical dept.
11	Improvement in Energy Efficiency in Industries	07/03/2022 – 11/03/2022	BVIT, Electrical Dept.
12	Start-up & Incubation Centre	27/08/22	Bharati Vidyapeeth's College of Pharmacy
13	Advances in Internet of Things(IOT) & Its applications	21/11/2022 – 25/11/2022	Government Polytechnic, Awasari
14	Online International Faculty Development Program On” Trends and challenges in the development of Electric vehicles & hybrid Electric vehicles”	14/11/202 – 18/11/2022	Lendi Institute of Engineering & Technology, Vizianagaram, AP

**CONFERENCE /SEMINAR/WORKSHOP ATTENDED:**

Sr. No.	TITLE	DURATION	PLACE

**PAPER PUBLISHED:**

Sr. No.	TITLE	NATIONAL/INTERNATIONAL	YEAR
1	GiFi : Analysis of Gigabit Wireless Technology in the	International Research Journal of Engineering and Technology (IRJET)	2020-21

	60 GHz Band		
2	Slip dependent thermal model for high inertia motor protection	International Research Journal of Engineering and Technology (IRJET)	2020-21
3	Automatic Medicine Vending Machine	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2021-22
4	Underground cable fault detection device using microcontroller	International Journal for Research in Applied Science & Engineering Technology( IJRASET)	2021-22
5	Design and Analysis of Induction Motor thermal Model for Numerical Protection	International Research Journal of Engineering and Technology	May-2023
6	Analysis of Power Factor Improvement Method Using Microcontroller	INTERNATIONAL- Journal of Electronics Information Technology Science and Management	<b>May-2023</b>
7	Review - Government Initiatives to Promote Energy Efficiency and Energy Conservation	INTERNATIONAL- Journal of Electronics Information Technology Science and Management	Mar-2023