

RACHANA PRAVIN PATIL

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CARRIER OBJECTIVE

An enthusiastic, adaptive, fast-learning, dedicated and capable fellow with a strong academic background and industrial experience in operation and maintenance of grid connected electric system, power purchase and billing. I would love to advance my understanding of the period further, by working with an organization that provides me a friendly environment, where I can enhance my skills and knowledge with good career opportunities.

ACADEMIC QUALIFICATION

QUALIFICATION	INSTITUTE/BOARD	YEAR	SCORE/CGPA
Bachelor of Technology (B.Tech) - Electrical Engineering	Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad	2020	7.19 of 10
CLASS XII (HSC)	Maharashtra State Board	2016	64.67%
CLASS X (SSC)	Maharashtra State Board	2014	83.80%

B.TECH DISSERTATION

- I performed simulation work for the SPWM based single phase inverter in MATLAB.
- Also conduct a comparative study between SPWM based half-bridge Vs full-bridge inverter.
- Then construct an experimental setup of 1-Phase 3-level full-bridge inverter using IGBT.

WORK EXPERIENCE

- Currently working at ERO Power LLP as Senior Executive Engineer in O&M department. Also have experience in power purchase and billing Department. (April 2022 to present).
- At ERO Power LLP as Graduate engineer trainee in O&M department. Also have experience in power purchase and billing Department. (1.5 years - October 2020 to March 2022).
- Handling 9 MW & 6 MW Projects.
- Supervisory control and data acquisition (SCADA) Monitoring & Automatic Meter Reading (AMR) Meter System handling.
- Power Scheduling and Deviation Settlement Mechanism (DSM)
- Meter calibration & testing

TRAINING / INTERNSHIP

- 30 days training at Rastriya Chemical and Fertilizers (RCF), Alibag
 - Studied the operation and maintenance of different electrical units like motor, transformer, etc. use at RCF plant.
- 15 days PLC Training at Industrial Training Institute (ITI), Aundh, Pune
 - Learnt the operation and programming of Siemens PLC.

SOFTWARE PROFICIENCY

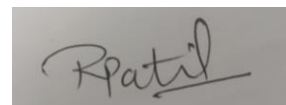
- MATLAB Simulink
- PLC, SCADA
- MS Office

EXTRA CURRICULAR ACTIVITIES

- Participation in industrial workshop program which includes PLC and SCADA.
- Participation in Cynosure-2019 (Technical Event)
- Participation in Maths Maze -2016 (Technical Event)
- MSCIT 2014 with score 87

I hereby acknowledge that the information furnished above is correct to the best of my knowledge.

Date : 08/12/2022



Rachana P. Patil