
ACADEMIC CREDENTIALS

Qualification	Institution	University/ Board	Year	Score
M.Tech (PEPS)	Sardar patel college of engineering Mumbai	Mumbai	2019	8.55 (CPI)
GATE	-	-	2017	386
B.E	Zeal College of Engineering Pune	Pune	2017	67.6 %
H.S.C	Yashwantrao Mohite college Pune	M.S.B.S.S.E.	2013	50.83 %
S.S.C	Navbharat High School Pune	M.S.B.S.S.E.	2011	82.36 %

TRAINING EXPERIENCE/ INTERNSHIP

- In Ramelex Pvt. Ltd. Pune between 1stDec 2015 to 15th Dec 2015 (Trainee).
- In Center of excellence (VJTI) Mumbai academic year 2018-2019 (Project Intern).

PROJECT/SEMINAR UNDERTAKEN

➤ **Graduation Project**

Title - Hardware model of 'STATCOM' (2016-2017).

Description - It is study and hardware as well as Matlab Simulation of STATCOM (static compensator). In this project we have done simulation of single phase and three phase STATCOM and hardware of single phase STATCOM.

➤ **M.Tech Seminar**

Title - Design of 'Shunt active power filter' for power quality improvement (2017-2018).

Description - It is study and Matlab simulation of Shunt active power filter (SAPF). The main focus in proposed work is reducing total harmonics distortion (THD).

➤ **M.Tech Project**

Title - Five-level cascade H-bridge multilevel inverter for variable speed drive (2018-2019)

Description – It is study, hardware and Matlab simulation of Five-level cascade H-bridge multilevel inverter for variable speed drive. To maintain constant speed. In this project various PWM method are used to control CHB-MLI like Sinusoidal PWM (SPWM) and Space vector PWM (SVPWM).

PUBLICATIONS

- Design of Shunt Active Power Filter Using Reference Frame Theory For Power Quality Improvement (IEEE- AEEICB-2018).
- 5-level cascade H bridge multilevel inverter fed induction motor drive using sinusoidal PWM (IEEE -ICICICT-2019).
- Solar PV system for Grid Connected Mode using PLL synchronization and SPWM technique (IEEE –ICICICT-2019).

TECHNICAL SKILL

- **Software**
- MATLAB
- M-SIM
- EAGLE

CO-CURRICULAR ACTIVITIES

- Attended 8th national power electronics conference Pune 2017(NPEC-2017).

HOBBIES

- Cooking
- Travelling

PERSONAL INFORMATION

- Address – D10 Chiatanya Heights Ganpatimatha Warrje-Malwadi Pune-411052.
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- D.O.B-25/09/1995
- Languages known- Marathi, Hindi, English

I hereby affirm that information in this document is accurate and true to the best of my knowledge.

Date:-

Signature
(Vivek Dattatray Kore)