



SHIVAM BHARTI

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Objective

To learn and develop my technical skills to find efficient way to achieving team goals.

Experience

- **Electric Loco Shed Ghaziabad** 18/06/2018 - 14/07/2018
Industrial Training
- **NTPC** 01/07/2017 - 30/07/2017
Vocational Training

Education

- **National Institute Of Technology** 2021-2023
M.Tech(Power Electronics And Drive)
9.48 CGPA (FIRST SEMESTER)
- **Greater Noida Institute Of Technology** 2015-2019
B.Tech
82.82%
- **+2 S.R.S High School Barhaiya** 2012-2015
Senior Secondary
75%
- **V.B Balika Vidhyapeeth Lakhisarai** 2010-2012
High School
9 CGPA

Skills

- MATLAB
- E-TAP

Projects

- **M.Tech Projects**
- **Simulation and analysis of BLDC motor in closed loop .**
PID controller as speed regulator.
Hysteresis current control to generate reference current and to control switching of VSI.
- **Study and analysis of closed loop control drive of IM by V/F method**
Study of V/F method close loop Block diagram using CSI and transfer functions calculation.
- **Simulation and analysis of buck converter in CCM and DCM .**
Transfer function calculation of ideal buck converter
Stability analysis in MATLAB (bode,nyquist, rootlocus)
48-24v,2A

- **Simulation of Buck-Boost converter in closed loop using PID controller.**
Stability analysis in MATLAB (bode ,nyquist,rootlocus)
48V -100V/24V
- **B.Tech Projects**
- **Commercial Power Factor Improvement**
To reduce wastage of electrical energy due to low power factor by improving the power factor near to unity
- **Smoke And Fire Detector**
To detect the smoke and fire in order to prevent the accident due to fire

Achievements & Awards

- Certificate of excellence (academics-B.Tech -1sr Year)
- Certificate of participation in 18th science congress-2010(certificate of junior scientist)

Interests

- Playing cricket
- Playing badminton
- Listening Music
- Cooking

Languages

- Hindi
- English