

SHIVAM BHARTI



@ bhartishivam2019@gmail.com

9113341151

NEW DELHI,INDIA

SKILLS

MATLAB

E-TAP

INTERESTS

Playing cricket

Playing badminton

Listening Music

Cooking

LANGUAGES

Hindi

English

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

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)