

RESUME

DIPTI D. BHAWARKAR

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CAREER OBJECTIVE:

To be part of reputed organization which provides a steady career growth along with job satisfaction, challenges and give value contribution in the success of organization and to excel in my field through hard work, research, skills and perseverance.

EDUCATIONAL QUALIFICATIONS:

EXAMINATION	UNIVERSITY/ BOARD	YEAR OF PASSING	NAME OF INSTIUTION	AGGREGATE
M.E (Power Electronics & Drives)	PUNE	2017	All India Shri Shivaji Memorial Society's College of Engineering Pune (M.S)	8.180
B.E (E&P)	NAGPUR	2014	Rajiv Gandhi College of Engineering Rech. & Tech. Chandrapur (M.S)	65.50%
HSC	MH State Board	2010	Vidya Niketan Jr. College Chandrapur (M.S)	81.67%
SSC	MH State Board	2008	Lokmanny Tilak Kannya Vidhyalay Chandrapur (M.S)	83.07%

WORK EXPERIENCE:

- Working as Associate Professor (visiting faculty) in ELECTRICAL DEPARTMENT at Government college of engineering Nagpur (From 29 july 2019)
- Work as lecturer in ELECTRICAL ENGINEERING DEPARTMENT at Renaissance Polytechnic Chandrapur. (12Jun2018 – 31March2019).

SOFTWARE SKILL:

- Languages: C, C++
- MATLAB, LATEX, Electrical AUTOCAD

INDUSTRIAL EXPOSURE:

UNDERGONE IN-PLANT TRAINING IN

- Chandrapur Super Thermal Power Station (2340MW) - Chandrapur.

EXTRA CURRICULAM ACTIVITY:

- Workshop : Renewable Energy workshop 2012, held at VNIT, Nagpur.
- Attending two day workshop on “LATEX”2016, held at AISSMS, COE, Pune.

ACADEMIC PROJECTS

Project Title: “Uncertainty and Disturbance Estimator Based Speed Control Scheme for PMSM Drive” (M.E)

Guided By: Dr. A.A.Godbole

Description: In this project, speed control strategy for PMSM drive based on uncertainty and disturbance estimator (UDE) is proposed. The control strategy is designed to be robust to internal motor parameters and external torque disturbances. MATLAB simulation is presented to demonstrate the tracking and disturbance rejection capability of UDE based speed control strategy of PMSM drive.

Project Title: “Performance Analysis of Slip Power Recovery Drive” (B.E)

Guided By: Prof. D.B. Meshram

Description: In this project, the steady state performance analysis of conventional slip power recovery scheme using static line commutated inverter in the rotor circuit is presented. Simulation of the scheme is carried out using MATLAB environment and experimental set-up is prepared in the laboratory for a 2-HP wound rotor induction motor. Microcontroller technique is used for the generation of firing pulses for the inverter bridge.

PUBLICATION WORK

- Paper is presented in **IEEE International Conference on Advances in Communication and Computing Technology (ICACCT)**, “Uncertainty and Disturbance Estimator Based Control Methodology for Speed Control of PMSM Drives”, 2018.
- Paper is presented in **International Journal of Electronics, Electrical and Computational System (IJEECS)**, “Uncertainty and Disturbance Estimator Based Sliding Mode Control of 2nd Order System”, ISSN 2348-117X Volume 6, Issue 7 July 2017.

PERSONAL PROFILE :

Name	:	Dipti D. Bhawarkar
Date of birth	:	1/11/1992
Father’s Name	:	Digambar W.Bhawarkar
Marital Status	:	Married
Languages Known	:	English, Hindi, Marathi
Strength	:	Goal oriented, Quick learner

Place :

Date :

(Dipti D. Bhawarkar)