



SIDDHANT GUDHE

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Electrical Engineering Department

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📍 Nanded, India

WORK EXPERIENCE

Assistant Professor SGGSJET, Nanded

10/2023 - Present

NPI Engineer Sline India Pvt. Ltd, Mumbai

2016 - 2017

Visiting Professor Government College of Engineering, Amravati

2017 - 2018

Assistant Professor Jagdambha College of Engineering & Technology, Yavatmal

2018 - 2019

EDUCATION

Master of Technology Sardar Patel College of Engineering, Mumbai

2014 - 2016

9.25 CGPA (1st topper of the batch)

Courses

- Power Electronics and Power System

Bachelor of Technology Walchand College of Engineering, Sangli

2009 - 2014

Courses

- Electrical Engineering

PhD MANIT, Bhopal

07/2019 - 07/2023

Thesis

- Multi-source Bidirectional Converter for Electric Vehicles

SKILLS

Software Operated: LTspice, Matlab, Piece Spice, Code Composer Studio

Hardware Controller Operated: DSP TI TMS320F28335, dSPACE 1104 DSP Controller, dSPACE microlabbox, Typhoon HIL Controller and OPAL-RT HIL Controller

Supplementary Skills: MS Office, Adobe photoshop, After Effect, DaVinci Resolve, OBS Studio

Soft Skills: Good communication Skills, Teamwork, Problem-solving attitude

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Marathi
Full Professional Proficiency

INTERESTS

Power Electronics Circuit Designing

Teaching Power Electronics on Youtube

Designing/Verifying New Circuits in Softwares

Motor Control using FOC

Designing Driver Circuits for IGBT Modules and Discrete Devices

Teaching to Others and Expanding my Knowledge