



HARSHAL BABULAL SHARMA

Lecturer

Electrical Engineering

Department,

Government Polytechnic, Valsad

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EDUCATIONAL QUALIFICATION

B.E. in Electrical 2008-2012
Gujarat Technological University, Ahmedabad

WORK EXPERIENCE

Government Polytechnic, Valsad 2016-Present
Lecturer(Regular) ,GES -Class-II

Thermal Power station ,Ukai 2015-2016
Under Gujarat State Electricity Corporation Ltd
Junior Engineer (V/S)

Government Polytechnic, Valsad 2012-2015
Lecturer (Contractual) ,,GES -Class-II

TECHNICAL SKILLS AND KNOWLEDGE

Computer Aided Design Packages : MATLAB, Psim , excel

SUBJECT TAUGHT

DC Machines and single phase transformer
Electronic Circuits and Components
Poly phase transformer and AC Rotating Machines
Power Electronics

TRAINING AND WORKSHOP

- “Comprehensive Online Intellectual Property Rights” at online during 07/06/2020 to 14/09/2020 (2 Week)
- “Fundamental of Power Electronics” at NPTEL MOOC during 28/01/2019 to 19/04/2019 (2 Week)
- “Induction Phase-II” at NITTTR Bhopal during 24/02/2020 to 06/03/2020 (2 Week)
- “Power System Analysis” at NPTEL MOOC during 30/07/2018 to 19/10/2018 (2 Week)
- “Fundamental of Power Electronics” at NPTEL MOOC during 28/01/2019 to 19/04/2019 (2 Week)

- “Induction Phase-I” at NITTTR Ahmedabad during 23/07/2018 to 03/08/2018 (2 Week)
- “Fundamental of Electric Drives” at NPTEL MOOC during 29/07/2019 to 20/09/2019 (2 Week)
- “High power multilevel converter:Analysis ,Design and operational issues” at NPTEL MOOC during 27/01/2020 to 17/04/2020 (2 Week)
- “Current Trends of Power Electronics Application in Electric Vehicles” at Government Engineering college , Valsad during 07/06/2021 to 11/06/2021 (1Week)

PORTFOLIOS (Current Portfolios)

Department Portfolios

- Department Time Table coordinator
- DCMT Subject coordinator
- PTREM Subject coordinator
- Electric Machine Laboratory incharge
- Department MODROB work member

Institute Portfolios

- GTU committee member (bill payment coordinator)
- Institute Store committee member

RESEARCH PROJECTS GUIDED

NIL

PUBLICATION

Journal Papers

NIL

Conferences Papers

NIL

ACADEMIC PROJECTS GUIDED

- Solar Inverter (1 phase)
- V/f drive of three phase Induction motor
- Automatic rescue device for elevators
- 24 pulse converter

PATENT FILED

NIL

PROFESSIONAL INSTITUTION MEMBERSHIPS

- Life Time Member-Indian Society for Technical Education

EXPERT LECTURES

NIL

AWARDS

NIL