


GIDC DEGREE ENGINEERING COLLEGE
FACULTY PROFILE

Name of Teaching Staff	TRIVEDI BHAVIN SATYENDRA			
Designation	ASSISTANT PROFESSOR			
Department	ELECTRICAL			
Date of Joining	18/7/2016			
Qualifications with Class/Grade	UG	PG	PhD	
	59.77(SECOND)	77.10(DIST)	—	
Total Experience in Years	Teaching	Industry	Research	
	3.1	-----	-----	
Area Of Interest	Power Quality Improvement, Switched mode Converters , FACTS Devices, Design of PV System			
Papers Published in Journals	National		International	2
Papers Presented in Conferences	National		International	1

<p>Detail Of Publication</p>	<ol style="list-style-type: none"> 1 “Soft Start of Induction Motor Using TRIAC Switching” in <i>International Journal of Engineering Development and Research</i>, Volume 5 Issue 2 June 2017 2. “Power Flow Control Using IPFC”, in <i>International Journal of Engineering Development and Research</i>, July 2014 3. “Review of different converters used with Different Control strategies in Electric Vehicles for Battery charging” in international Conference GTU ICON 2022, September, 2023.
<p>STTP/WORKSHOP/ CONFERENCE / SEMINAR Organized or Participated</p>	<ol style="list-style-type: none"> 1.STTP on “Advances in Electrical Machines“during12th-16th December,2016 at SVNIT, Surat 2.Workshop on “NPTEL Awareness” on 8th April at CHARUSAT, Nadiyad 3 Course on “Design of DC-DC Converter using open source tools” during march-April 2016 of IISC Bangalore. 4 Course on “Analog Circuit “during January-march 2017 of IIT Bombay 5 Organized Workshop on “Control Of Electrical Drives” on 20 & 21st January, 2017 at GIDC Degree Engineering College, Navsari. 6 Organized Workshop on “Energy Conservation Awareness “on July 21,2017 at GIDC Degree Engineering College, Navsari
<p>Projects Guided</p>	<ol style="list-style-type: none"> 1. Wireless electromagnetic crane 2. Soft start of Induction Motor using TRIAC switching 3. CUK Converter using microcontroller 4. Design and analysis of Fly-back converter 5. Design and analysis of SEPIC converter 6. Smart Chemical Mixing Plant

	Professional Memberships	
	Administrative Responsibilities:	PMMS Coordinator , Discipline Committee member