


**GIDC DEGREE ENGINEERING COLLEGE**  
**FACULTY PROFILE**

Name of Teaching Staff	TRIVEDI BHAVIN SATYENDRA			
Designation	ASSISTANT PROFESSOR			
Department	ELECTRICAL			
Date of Joining				
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		

	Detail Of Publication	<p>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</p> <p>2. “Power Flow Control Using IPFC”, in <i>International Journal of Engineering Development and Research</i>, July 2014</p>
	STTP/WORKSHOP/ CONFERENCE / SEMINAR Organized or Participated	<p>1.STTP on “Advances in Electrical Machines“during12<sup>th</sup>-16<sup>th</sup> December,2016 at SVNIT, Surat</p> <p>2.Workshop on “NPTEL Awareness” on 8<sup>th</sup> April at CHARUSAT, Nadiyad</p> <p>3 Course on “Design of DC-DC Converter using open source tools” during march-April 2016 of IISC Bangalore.</p> <p>4 Course on “Analog Circuit “during January-march 2017 of IIT Bombay</p> <p>5 Organized Workshop on “Control Of Electrical Drives” on 20 &amp; 21<sup>st</sup> January, 2017 at GIDC Degree Engineering College, Navsari.</p> <p>6 Organized Workshop on “Energy Conservation Awareness “on July 21,2017 at GIDC Degree Engineering College, Navsari</p>
	Projects Guided	<ol style="list-style-type: none"> <li>1. Wireless electromagnetic crane</li> <li>2. Soft start of Induction Motor using TRIAC switching</li> <li>3. CUK Converter using microcontroller</li> <li>4. Design and analysis of Fly-back converter</li> <li>5. Design and analysis of SEPIC converter</li> <li>6. Smart Chemical Mixing Plant</li> </ol>
	Professional Memberships	

	Administrative Responsibilities:	PMMS Coordinator , Discipline Committee member