


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

Name of Teaching Staff	BHAVESH SHANKARBHAI PATEL			
Designation	ASSISTANT PROFESSOR			
Department	ELECTRICAL			
Date of Joining	14/8/2012			
Qualifications with Class/Grade	<b>Diploma</b>	<b>UG</b>	<b>PG</b>	
	<b>67.73% (DIST)</b>	<b>65.33% (FIRST)</b>	<b>7.84 CPI (DIST)</b>	
Total Experience in Years	Teaching	Industry	Research	
	<b>6</b>	-	-	
Area Of Interest	<ul style="list-style-type: none"> <li>➤ ELECTRICAL POWER SYSTEM,</li> <li>➤ POWER SYSTEM PROTECTION,</li> <li>➤ FACTS DEVICES.</li> <li>➤ POWER QUALITY MANAGEMENT</li> <li>➤ ELECTRICAL MACHINE,</li> </ul>			

Papers Published in Journals	National	-	International	4
Papers Presented in Conferences	National	2	International	3
STTP/WORKSHOP/ CONFERENCE / SEMINAR Organized or Participated	<p>➤ Participated in “RESEARCH FAIR 2011” L. D. College of Engineering, Ahmedabad.</p> <p><b>Participated STTP:</b></p> <p>➤ One week short term Course (STTP) organised by SUTEX Faculty of Electrical Engineering Sarvajanik College Of Engineering and Technology Surat in June - 2016.</p> <p>➤ Five Days short term Training Program (STTP) on “Recent Trends on Power System” Sponsored by Uka Tarsadia University, Maliba Campus, Bardoli in February -2018.</p> <p>➤ One week STTP Recent Trends of Mathematics Science &amp; Technology (RTMST) organised by GDEC Navsari in January-2017.</p> <p>➤ One week STTP on “Designing of Mathematical Models in different fields of Engineering” Organized by ASH Department &amp; Sponsored by GCOST Gandhinagar in March-2018</p> <p><b>Participated Workshop:</b></p> <p>➤ One day workshop on” Energy Conservation Awareness” conducted by Electrical and Mechanical Engineering department on dated July 21, 2017.</p> <p>➤ One day workshop on “Start-up &amp; Innovation Protothon” conducted by Business Accelerator and Start Up Cell, GDEC, Abrama, Navsari in November 2017.</p>			

		<ul style="list-style-type: none"> <li>➤ Two Days Workshop on "High Voltage Engineering" organized by Department of Electrical Engg. UTU Bardoli in December 2017</li> <li>➤ One day workshop on "Recent Advances in Power Electronics" organized by Department of Electrical Engg. UTU Bardoli in January-2018</li> <li>➤ One day workshop on "Smart grid Technology" June-2018</li> </ul> <p><b>Participated FDP:</b></p> <ul style="list-style-type: none"> <li>➤ Faculty Development Programme on "DESIGN ENGINEERING" organized by GTU Ahmedabad-2015.</li> <li>➤ Faculty Development Programme on "DESIGN ENGINEERING" organized by GTU-GIC Navsari Sankul -2016.</li> <li>➤ Faculty Development Programme on "Pedagogical Effectiveness" organized by GDEC, Abrama, Navsari in February-2018.</li> </ul> <p><b>Organized :</b></p> <ul style="list-style-type: none"> <li>➤ Organized Expert lecture on "Nuclear Power Programme, generation, radiation and DAE-Societal benefit" July-2017</li> <li>➤ Organized Expert lecture on "Power Quality and Management" February-2018</li> <li>➤ Organized Workshop on "Dynamic Modelling &amp; Vector Control of Electrical Drives" April, 2018</li> </ul>
	<p>Projects Guided</p>	<ul style="list-style-type: none"> <li>➤ REACTIVE POWER COMPENSATION BY FACTS DEVICE TSC AND POWER FACTOR IMPROVEMENT USING MICROCONTROLLER.</li> <li>➤ REACTIVE POWER COMPENSATION BY TSR USING MICROCONTROLLER.</li> <li>➤ SPEED CONTROL OF INDUCTION MOTOR USING THYRISTORS BASED CYCLOCONVERTER.</li> </ul>

		<ul style="list-style-type: none"> <li>➤ INDUCTION MOTOR PROTECTION AGAINST VARIOUS FAULT USING PLC.</li> <li>➤ ANALYSIS OF INVERTED SINE CARRIER BASED MULTILEVEL MODULATION TECHNIQUES FOR MULTILEVEL INVERTER.</li> </ul>
	Professional Memberships	Life time member of “The Indian Society For Technical Education” (ISTE).
	Administrative Responsibilities	<ul style="list-style-type: none"> <li>➤ Time-table Co coordinator.</li> <li>➤ Exam coordinator</li> <li>➤ International Student Coordinator</li> <li>➤ Design Engineering coordinator</li> <li>➤ Voters Awareness committee</li> <li>➤ PMKVY Coordinator</li> </ul>