


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	Diploma	UG	PG	
	67.73% (DIST)	65.33% (FIRST)	7.84 CPI (DIST)	
Total Experience in Years	Teaching	Industry	Research	
	11	-	-	
Area Of Interest	<ul style="list-style-type: none"> ➤ ELECTRICAL POWER SYSTEM, ➤ POWER SYSTEM PROTECTION, ➤ FACTS DEVICES. ➤ POWER QUALITY MANAGEMENT ➤ ELECTRICAL MACHINE, 			

Papers Published in Journals	National	-	International	6
Papers Presented in Conferences	National	2	International	5
STTP/WORKSHOP/ CONFERENCE / SEMINAR Organized or Participated	<p>➤ Participated in “RESEARCH FAIR 2011” L. D. College of Engineering, Ahmedabad.</p> <p>Participated STTP:</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 & 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 & Sponsored by GCOST Gandhinagar in March-2018</p> <p>Participated Workshop:</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 & Innovation Protothon” conducted by Business Accelerator and Start Up Cell, GDEC, Abrama, Navsari in November 2017.</p>			

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

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