


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

Name of Teaching Staff	Dr. D. C. Patel			
Designation	Associate Professor			
Department	Mechanical Engineering			
Date of Joining	1/07/2013			
Qualifications with Class/Grade	UG	PG	PhD	
	Distinction	Distinction	Awarded	
Total Experience in Years	Teaching	Industry	Research	
	12.5	1.5		
Area Of Interest	Machine and Process Equipment Design and Automation,			
Papers Published in Journals	National		International	3

	Detail Of Publication				
	Papers Presented in Conferences	National	9	International	6
	STTP/WORKSHOP/ 8 CONFERENCE / SEMINAR Organized or Participated				
	Projects Guided				
	Books Published / IPRs/ Patents	1- Patent Published entitled “MINIMIZATION OF ENERGY CONSUMPTION IN TWO-FOR-ONE TWISTER MACHINE USE IN TEXTILE INDUSTRY WITH AUTOMATION AND FLOATING BUSH BEARING”			
	Professional Memberships	Member of Institution of Engineers ( India)  Life Member of Indian society of Technical Education			
	Consultancy Activities	In Process Equipment Design, Structure Analysis, Automation field with L&T-Hazira, Neostructo Ltd. -Sachin surat, Detox Ltd - surat, Chemoil- Singapor.			

	Awards	
	Grants Fetched	
	Interaction with Professional Institutions	