


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

Name of Teaching Staff	Dr. Rakesh J Motiyani			
Designation	Associate Professor & Head			
Department	Electrical Engineering			
Date of Joining	13.07.2018			
Qualifications with Class/Grade	UG	PG	PhD	
	First Class with Distinction	First Class with Distinction		
Total Experience in Years	Teaching	Industry	Research	
	25	02	--	
Area Of Interest				
Papers Published in Journals	National	02	International	06
Papers Presented in Conferences	National	01	International	04

Detail Of Publication

“Power System State Estimation” in Proceedings of conference on Challenges in Electricity Sector under Deregulated Environment organized by Institution of Engineers India [IE(India)], Pune, 23-24 Nov’2007, pp. 62-66.

“Network Topology Processor for Power System State Estimation” in proceedings of IEEE sponsored conference on Recent Advances in Electrical Machines & Energy Systems, Charotar Institute of Technology, Changa, 12-13 September 2008, pp. 69-72.

“Measurement Placement-Network Observability & Bad Data Detection for Power System State Estimation”. Journal of Engineering & Technology, GIT Gandhinagar, March 2008, pp. 12-16.

“Power System State Estimation- Implementation Using Simulation of Network Topology Processor” International Journal of Emerging Technologies and Application in Engineering, Technology and sciences, December 2008, pp. 146-152.

“A Review of Barrier to Interconnection of Distributed Generation in the Main Power Grid”, International Conference on Emerging & Futuristic System and Technology, Laxmi Institute of Engineering & Technology, Alwar, April 2009.

“Renewable Distributed Generation: Definition, Benefits and Issues”, ”, International Conference on Emerging & Futuristic System and Technology, Laxmi Institute of Engineering & Technology, Alwar, April 2009.

“Electrical Power System State Estimation: Theory and Implementation”, International Journal of Advanced Research in Engineering Science & Management, ISSN: 2394-1766, No.3 Vol. No.1, Page No. 1-8, April 2015

“A Non Iterative Method Based on Graph Theoretic Approach to Solve Meter Placement Problem for Power System State Estimation” in proceedings of 7th IEEE Conference on Industrial Electronics and Applications (ICIEA), Singapore, 18 – 20 July 2012, pp. 270-275.

“A comprehensive Measurement Placement Method for Power System State Estimation” , 5th International Conference on Advances in Electrical Measurements and Instrumentation Engineering, Institute of Doctors Engineers and Scientists (IDES), May 2016

“Graph Theoretic Approach to Solve Measurement Placement Problem for Power System State Estimation”, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, ISSN:2320-3765 (Print), 2278-8875 (online), No.4, Vol. No. 5, Page No.3153-60, April 2016

“Innovative Human Resource Practices and Organizational Success”, Journal Of Management & Entrepreneurship, Vol. 16, No.2 (VI), pp. 22-28. ISSN : 2229-5348 (UGC CARE Group I Listed Print Journal) 2022

“Incidence Of Computer Vision Disorder During The Covid-19 Periods”, Journal of Fundamental & Comparative Research, Vol. VII, No. 11: 2022, pp. 61-67. ISSN: 2277-7067 (UGC CARE Group I Listed Print Journal)

“Employability Skills Development In An Indian Electrical Engineering Degree Programme”, Journal Of The Asiatic Society Of Mumbai, Vol. XCV, No.30: 2022, pp. 148-163. ISSN: 0972-0766 (UGC CARE

“Measuring and Analysing the Entrepreneurial Quotient (EQ) of Graduating Engineers”, Pacific Business Review International, Volume 12 issue 12, pp. 85-87. (2021)

“Employability Skills of Engineering Graduates - A continuously evolving “Set” for Sustainable Synergy between Industry and Institute Objectives”, Pacific Business Review International, Volume 14 issue 4, pp. 40-46 (2021)

“Training Need Identification of Contract Employees of ESSAR Ports Limited”, Pacific Business Review International, Volume 14 issue 5, pp. 40-46. (2021)

<p>STTP/WORKSHOP/ CONFERENCE / SEMINAR Organized or Participated</p>	<p>A One Week Workshop on “Laboratory Management and Maintenance”, TTTI, Bhopal, MP  Two Weeks Workshop on “Electrical Hazards and Its Preventive Measures” Bongaigaon Polytechnic, Bongaigaon, Assam  Six Weeks Workshop on “Autocad M-I (2D)”, Dr S &amp; S S Gandhi Engineering College, Surat  A one Week Workshop on “Advanced Electrical Power System”, SVNIT, Surat  7<sup>th</sup> International Conference on “Industrial Electronics &amp; Applications” ICIEA 2012, Singapore  National Conference on “Challenges in Electricity Sector Under Deregulated Environment” IE(India), Pune  National Conference on “Recent Advances in Electrical Machines &amp; Energy Systems”, Charotar University, Changa  5th International Conference on “Advances in Electrical Measurements and Instrumentation Engineering”, Institute of Doctors Engineers and Scientists (IDES)  Organizing Seminar on “Energy Conservation Awareness” in Association with GEDA every year  Organizing Seminar on “Nuclear Energy Awareness” in Association with NPCIL every year</p>
<p>Projects Guided</p>	<p>Diploma Engineering – 08  Degree Engineering - 15</p>
<p>Professional Memberships</p>	<p>ISTE; IE (India)</p>

	<b>Administrative Responsibilities:</b>	<p>Worked as a I/C Head of Department &amp; Head of Department for more than Twentyyears</p> <p>Worked as GTU endorsed Principal at PSE (Diploma), Palsana, Surat for more than 2 years</p> <p>Managed Institute Level Portfolios like AICTE, GTU,AISHE, DTE, FRC for more than 7 Years</p>