

DR JIVRAJ N MEHTA GOVERNMENT POLYTECHNIC AMRELI

FACULTY PROFILE

Name	Vimal Vaniya
Designation	Lecturer
Department	Electrical Engineering
Date of Joining	03/11/2016



Qualification

Qualifying Examination	University	Institute	Year of passing
BE (Electrical)	Saurashtra University Rajkot	AITS Rajkot	2011
ME (PE&ED)	GTU-Ahmedabad	MEFGI Rajkot	2013

Work Experience

Total experience in Years:	Industry	Role
3.5 Years	MEFGI Rajkot	Assistant Professor
8 Years	Dr JNMGP Amreli	Lecturer (Current)

Skills & Knowledge

Teaching and Communication Technical Expertise Mentorship and Student Support Assessment and Evaluation Continuous Learning

Courses Taught

Basics of Electrical Engineering AC Machine Power Electronics Basics of Electronics
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Training & Workshop

Sr No	Training Name	Venue	Period
1	Induction Training Programme Phase-1	NITTTR, Bhopal	29/01/2018 to 09/02/2018
2	Monitoring Modelling and Analysis of Power Transformer	IITRAM, Ahmedabad	11/05/2018 to 15/05/2018
3	Measurement, Trouble Shooting and Quality Testing of Electrical Equipment	LDCE, Ahmedabad	28/05/2018 to 01/06/2018
4	Introduction to Research	NPTEL Online	06/08/2018 to 28/09/2018
5	Accreditation and Outcome Based Learning	NPTEL Online	26/08/2019 to 18/10/2019
6	NBA Accreditation	AVPTI, Rajkot	23/09/2019 to 27/09/2019
7	Comprehensive Online Intellectual Property Rights(IPR)	i-Hub, Online	06/07/2020 to 14/09/2020
8	Outcome Based Pedagogic Principles for Effective Teaching in Engineering	Online GMB Polytechnic, Rajula	17/03/2021 to 23/03/2021
9	Simulation and Virtual Labs for Science and Engineering	Online NITTTER, Bhopal	27/09/2021 to 01/10/2021
10	Machinery Fault Diagnosis and Signal Processing	NPTEL Online	22/01/2022 to 15/04/2022
11	Induction Programme Phase -II	Online NITTTER, Bhopal	27/06/2022 to 08/07/2022
12	Performance Appraisal And Development	NITTTER, Bhopal	29/08/2022 to 02-09-2022
13	Industrial Training at Amarli District Co-operative Milk Producers Union Amreli	Amar Dairy Amreli	01/07/2024 to 21/07/2024
14	Educational Leadership	NPTEL Online	22/07/2024 to 11/10/2024
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Portfolios

College Level	Department Level
(1) NBA Accreditation committee	(1) Department NBA Coordinator
(2) Write off Committee Member	(2) Department Write-off
(3) SEBC Students Scholarships and Instrumental Assistance Related Activity	(3) CTE, GTU & Departmental Inspection
(4) News Letter Committee Member	(4) DC Machine Lab In Charge
	(5) Alumni Committee Member
	(6) Housekeeping / LLCC

Research Projects

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Publications

No	Name	Venue
1	Induction motor stator, rotor and bearing faults: A review	Parul University Vadodara, AIP Conf. Proc. 2855, 070006 (2023) https://doi.org/10.1063/5.0168725
2	Design and simulation of closed loop boost converter for voltage regulation of PV system	AITS-Rajkot, International Journal of Advance Engineering and Research Development (IJAERD) 2015
3	Interfacing of the SPV System with Off-grid Load by using Boost converter and Inverter	International Journal of Advance Engineering and Research Development (IJAERD) Volume 1, Issue 3, April 2014, e - ISSN: 2348 - 4470, print - ISSN: 2348 - 6406
4	Single phase PWM inverter with close loop DC-DC boost converter for solar application	International Journal of Engineering Research & Technology (IJERT) Vol. 2 Issue 5, May – 2013 ISSN: 2278-0181.

Academic Projects

YES

Patent Filed

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Professional Institute Membership

IAENG MEMBERSHIP NO-148462

Expert Lectures

Expert Talk on *“Ways to Atmanirbhar Bharat: A Credible Pathway to Start-up and Entrepreneurship”* in Vigyan Gurjari Sponsored Program *“Student Innovation Fest-2023”* on 10th August, 2023 during 11:45 to 13:15 at Kamani Science College Amreli.

Awards

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