

DR JIVRAJ N MEHTA GOVERNMENT POLYTECHNIC AMRELI

FACULTY PROFILE

Name	Jigna Desai
Designation	Lecturer
Department	EC
Date of Joining	First: 19/09/1996, Dr JNMGP:6/12/2013



Qualification

Qualifying Examination	University	Institute	Year of passing
B.E(EC)	Bhavnagar University	Shantilal Shah Engineering College Bhavnagar	1994
ME (EC)	GTU-Ahmedabad	Shantilal Shah Engineering College Bhavnagar	2012

Work Experience

Total experience in Years:	Industry	Role
5 Year	L D Engg.College,Ahmedabad	Adhoc Lecturer
2 Year	S S Engg. College,Bhavnagar	Adhoc Lecturer
5 Year	Sir Bhavsinhji Polytechnic,Bhavnagar	Regular Lecturer
13 Year	Dr JNMGP-Amreli	Lecturer (Current)

Skills & Knowledge

Programming language –C,
HTML

Courses Taught

Mobile Communication
Communication Engineering
Electronic Devices & Circuits
Digital Communication
Optical Communication
Industrial Electronics

Training & Workshop

Sr No	Training Name	Venue	Period
1	Computational Intelligence theory and Application	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar	01-03-2016 TO 5-03-2016
2	Building Research Competencies in Engineering using Computational tools	GEC, Bhavnagar	27-07-2015 TO 31-07-2015
3	MATLAB for engineering and education	GP, Gandhinagar	05-05-2014 TO 16-05-2014
4	Circuit Analysis and Pedagogy overview	Indian Institute of Technology (IIT), Gandhi Nagar	13-11-2013 TO 17-11-2013
5	Basic and Advance Teaching and Management skills for faculties	JNMGP, AMRELI	15-06-2015 TO 26-06-2015
6	Transforming Technical Education for Research	JNMGP, AMRELI	02-05-2016 TO 14-05-2016
7	Enhancing Performance of Technical Teachers	JNMGP, Amreli	01-05-2017 TO 12-05-2017
8	Induction Phase-1	NITTTR, Ahmedabad	14-06-2010 TO 25-06-2010
9	Induction Phase-2	NITTTR, Ahmedabad	28-06-2010 TO 09-07-2010
10	Renewable Energy with emphasis on Wind and Solar Energy	NITTTR, Ahmedabad	31-12-2012 TO 11-01-2013
11	Development of LAB Manual and Project work for Electrical & allied programmes	NITTTR, Ahmedabad	18-05-2015 TO 22-05-2015
12	Microprocessors & Microcontrollers	NITTTR, Bhopal	27-02-2006 TO 03-03-2006
13	Vocational Education for employment Generation	NITTTR, Bhopal	06-03-2006 TO 10-03-2006
14	Stress Management	NPTEL	29-07-2019 TO 23-08-2019
15	Maintenance of Generators & counters	NTTF, Bangalore	04-11-1996 TO 22-11-1996
16	Industrial	Sanchar Telenetworking, Bhavnagar	15-04-2006 TO 15-05-2006
17	Scope and initiatives in engineering Research for Women	SSEC, Bhavnagar	18-01-2016 TO 22-01-2016
18	Applied Machine Learning : A Practical based approach	Vishwakarma Govt Engineering College, Chandkheda	15-10-2018 TO 20-10-2018

Portfolios

College Level	Department Level
i/c Warden Girls hostel i/c Women Cell/ICC cell Thelessemia Convener TNA Staff convener	Vikaslaxi Purchase Writeoff

Research Projects

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Publications

No	Name	Venue
1	Performance Analysis of GA-CDMA based Wireless Communication System using Different Modulation Techniques	National Conference on Advances in Engineering and Technology (NCAET-2012) at KIT &RC,Kalol March 9-10, 2012.
2	Implementation and Analysis of GA Based CDMA Wireless Communication System Using Different Modulation Technique	IUP journal for Electrical & electronics Engineering Aug 2012,Vol. II

Academic Projects

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Patent Filed

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Professional Institute Membership

ISTE MEMBERSHIP-LM 97249

Expert Lectures

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Awards

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