



RAJENDRAKUMAR J. PATEL

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EDUCATIONAL QUALIFICATION

M. E. (Energy Engineering) 2013-2015
Government Engineering College, Valsad.

B.E. in Mechanical 2000-2004
M.S.U. Baroda.

WORK EXPERIENCE

Government Polytechnic, Valsad 2019 - Present
Lecturer

Government Polytechnic, Waghai 2013-2019
Lecturer

Government Polytechnic, Valsad 2007-2013
Lecturer

TECHNICAL SKILLS AND KNOWLEDGE

AUTO CAD

SUBJECT TAUGHT

Tool Engineering Manufacturing Engineering-III Metrology & Instrumentation Basic
Engineering Drawing

TRAINING AND WORKSHOP

No	Title of Training	Start date	End date	Venue	(1 or 2 week)
1	Mechanical drawings using CAD	12.7.09	12.11.09	SVNIT,SURAT	1 week
2	INDUCTION TRAINING -PHASE I	14.6.10	25.6.10	NITTTR (Ext Centre), RCTI, Ahmedabad	2 WEEKS

3	INDUCTION TRAINING -PHASE II	20.12.10	31.12.10	NITTTR (Ext Centre), RCTI, Ahmedabad	2 WEEKS
4	Mechatronics	24.10.16	28.10.16	NITTTR, Bhopal	1 week
5	Wind and Solar power generation	2.1.17	6.1.17	NITTTR, Bhopal	1 week
6	Effective communication skills and Emotional intelligence for technical teachers	7.5.18	11.5.18	NITTTR, Bhopal	1 week
7	Resource management for Manufacture sector	3.9.18	14.9.18	NITTTR, Bhopal	1 week
8	Recent trend in I.C. Engine	3.6.19	15.6.19	GEC, Bharuch	2 WEEKS
9	Energy Conservation & waste heat recovery	29.7.19	10.18.19	NPTEL	(ONLINE 12 WEEK)
10	Fundamental of manufacturing process	29.7.19	10.18.19	NPTEL	(ONLINE 12 WEEK)
11	ACCREDITATION FOR DIPLOMA ENGINEERING PROGRAMMES	27.01.2020	13.04.2020	ONLINE	2 WEEKS
12	E-CONTENT DEVELOPMENT COURSE (UDAYAM)	28.07.2020	18.08.2020	ONLINE	1 WEEK
13	COMPREHENSIVE ONLINE INTELLECTUAL PROPERTY RIGHTS (IPR)	06.07.2020	14.09.2020	ONLINE	2 WEEKS
14	Effective teaching for developing communication skills	23.11.20	27.11.20	ONLINE	1 week

PORTFOLIOS (Current Portfolios)

- Institute NBA Criteria -1 committee member
- Institute SSIP Finance Committee member
- Department NBA coordinator
- Department first year class teacher
- Department Discipline committee coordinator
- Department NBA Criteria-1 coordinator
- Department student counseling and problem solving session coordinator
- Department mid semester paper review committee member

PUBLICATION

Journal Papers

- Energy conservation opportunity with a Variable Frequency Drive in Boiler Feed Pump, Feb 2015
- Energy Conservation Opportunity with Variable Frequency Drive in Forced Draft Fan In Boiler House, 30 June 2015

ACADEMIC PROJECTS GUIDED

- Sand Separation Machine
- Chaff Cutting Machine

PROFESSIONAL INSTITUTION MEMBERSHIPS

- Life Time Member-Indian Society for Technical Education