

## RESUME

**Mr. Paresh R. Modha**  
**B.E. (Electrical), M.E., Ph. D (Perusing)**

Department of Electrical Engineering,  
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Presently working as an Assistant Professor in A. D. Patel Institute of Technology, New V.V. Nagar, Gujarat, India. Total 11 Years of Teaching experience.

### EDUCATION QUALIFICATION

Degree	Subject	Institute/ University	Passing Year
Ph. D (Perusing)	Electrical Machines & Drives	CVM University, V V Nagar, Gujarat	----
M.E.(EE)	Electrical Power Systems	BVM, Vallabh Vidyanagar affiliated to GTU, Ahmedabad, Gujarat	2011
B.E. (EE)	Electrical Engg.	ADIT, New Vidyanagar, affiliated to Sardar Patel University, V V Nagar	2009

### WORK EXPERIENCE

- **A.D. Patel Institute of Technology, New Vallabh Vidyanagar, Gujarat, India**  
1<sup>st</sup> December 2011 – To till Present date : Assistant Professor
- **C. S. Patel Institute of Technology, CHARUSAT, Changa India**  
11th Aug 2011 - 30th Nov 2011: Assistant Professor  
11th July 2011 – 10th August 2011: Lecturer (Adhoc)
- **SIMMS Engg. Pvt. Ltd, Porbandar, Gujarat**  
Aug 2009 to September 2009 : Jr. Engineer.

## RESEARCH AREA

- Electrical Machines, Control Systems, Power systems.

## HONORARY SERVICE

- Reviewer for the GTU Journal of Engineering and Technology.
- Reviewer for the Canadian Journal of Elect, and Computer Engg, IEEE

## ADMINISTRATIVE DUTIES

Sr. No.	Name of Duty
1	SPOC NPTEL-SWAYAM
2	Core Member in ADIT Alumni Association
3	Member ,Institute ADIT Alumni Association
4	Member, Central Admission Committee
5	Institute Member, Press and Media Cell
6	Member, Website, Public Relation, Publicity (Social Media) Cell
7	Member, RMS committee 2021-22
8	Member, COE E-mobility
9	Member, Photography Committee 2021-22
10	Lab In charge High Voltage Engg.
11	Lab In charge Basic Electrical Engg.
12	Member, NSS cell (My Campus Clean Campus)
13	Member, ISO Clasroom Teaching
14	Member, ISO IT Services
15	Member, Green Audit team of CVM.
16	Member, Finance committee for SSIP (2021-22)
17	Member, NBA Student's Performance Criteria 4 of NBA 2021-22
18	Faculty Advisor of 20EE Batch
19	Member, KARMA AICTE Skill development course
20	Member, SMART Classroom comittee
21	Editor of Vidhyut - The Newsletter of EE department since 2020.

## WORKED AS A COMMITTEE MEMBER

Worked as a committee member in various workshops and Trainings held by Electrical Engineering Department, A.D. Patel Institute of Technology (ADIT), New Vidyanagar.

## MEMBER OF PROFESSIONAL BODY

- ❖ Indian Society of Technical Education (ISTE)
- ❖ Institute for Engineers, India (IE India)

## LIST OF PUBLICATIONS

Sr. No.	Title of paper	Name of Journal	Vol./Year/Page No.
1	DISTRIBUTED GENERATION (DG) IMPACT	ELECTRICAL INDIA, CHARY PUBLICATION	51/2011/39-44
2	NEW LIGHTNING SCHEME FOR LABORATORY	SWITCH16	1/2016/202-209
3	MANAGING 12 PULSE CONVERTERS	ELECTRICAL INDIA	56/2016/74-76
4	MODELING AND SIMULATION OF 6-PULSE AND 12-PULSE RECTIFIER UNDER RL LOAD WITH IMPACTS ON INPUT CURRENT HARMONICS.	ADIT Journal	11/2014/38-43
5	IMPACT OF DISTRIBUTED GENERATION ON DISTRIBUTION SYSTEM PROTECTION WITH STATIC LOAD MODELS.	VIER Journal	3/2015/29-32
6	FIVE LEVEL FLYING CLAMPED CAPACITOR MULTILEVEL INVERTER.	ADIT Journal	13/2015/28-31
7	NEW LIGHTNING SCHEME FOR LABORATORY	Lighting India CHARY PUBLICATION	11/2016/54-57
8	ANALYSIS AND ELIMINATION OF THIRD HARMONICS	Electrical India CHARY PUBLICATION	56/2016/110-113
9	ENERGY PERFORMANCE ASSESSMENT OF LIGHTNING SYSTEM LIKE LED LIGHTING DEVICE.	Lighting India CHARY PUBLICATION	5/2017/28-32
10	ENERGY CONSERVATION FOR AIR CONDITIONER	Cooling India CHARY PUBLICATION	12/2017/22-26
11	ANAND S FARMERS OPT FOR SOLAR ENERGY	Electrical India CHARY PUBLICATION	57/2017/58
12	MITIGATION OF HARMONICS USING MULTI-PULSE DIODE BRIDGE CONVERTER WITH IMPACT ON INPUT CURRENT	ADIT Journal	14/2017/38-43
13	LIGHTING FOR URBAN AREAS: WORTH A CLOSER LOOK	Lighting India CHARY PUBLICATION	13/2018/50-53
14	ENERGY CONSERVATION IN REFRIGERATION & HVAC SYSTEMS	Cooling India CHARY PUBLICATION	14/2018/60-67
15	INTERNET OF THINGS IN HVAC	Cooling India	14/2018/34-36
16	PERMISSIBILITY OF INTERCONNECTION OF INDIVIDUAL TWO-PORT NETWORKS	JETIR	5/2018/917-922
17	ACHIEVING ENERGY EFFICIENCY IN HVAC & REFRIGERATION SYSTEMS	Cooling India CHARY PUBLICATION	13/2018/34-37
18	HVAC COOLING TOWERS AND ENERGY	Cooling India	14/2019/52-55

	CONSERVATION	CHARY PUBLICATION	
19	CLASSIC SKYLIGHT EFFECT IN BUILDING DESIGN	Building Services Journal	1/2019/89-93
20	HARDWARE IMPLEMENTATION OF INTERCONNECTION AND DAMPING ASSIGNMENT PASSIVITY-BASED CONTROL FOR BLDC MOTOR USING MICROCONTROLLER	COMPEL - The international journal for computation and mathematics in Electrical and Electronic Engineering	COMPEL-10-2021-0367
21	COMPENSATOR DESIGN FOR MAGNETIC LEVITATION SYSTEM	IEEE ICICCSP 2022 Conference	--

## PERSONAL PROFILE

**Date of Birth** : 03<sup>rd</sup> December 1988

**Father's Name** : Ravindra Modha

**Sex** : Male

**Marital Status** : Married

**Nationality** : Indian

**Vernacular Skill** : English, Hindi, Gujarati

**Hobbies & Interest** : Watching Cricket Match, Listening Music, Reading.