

Prof. VIJAY H. MAKWANA
(B.E. Electrical, SPU), (M.E. Electrical Power Systems, SPU)

Assistant Professor
Department of Electrical Engineering,
G H Patel College of Engg & Tech
Vallabh Vidyanagar 388 120
Gujarat, INDIA



PERSONAL INFORMATION

Permanent Address : B-2, Shilp Ganesh Tenament,
Opp. Axar Farm,
Gopi V. V. Nagar Road,
Anand 388 001.
Telephone No : 091-98257 83644 (M)
E-mail Address : vijay_911979@yahoo.co.in
Date of Birth : 9th January, 1979
Nationality : Indian
Languages Known : English, Gujarati, Hindi

PRESENT STATUS

- Presently working as Assistant Professor in Electrical Engineering Department, G H Patel College of Engineering & Technology, Vallabh Vidyanagar since 1st July, 2008.

WORK EXPERIENCE

- Worked as Adhoc Lecturer in Electrical Engineering Department, SVNIT, Surat from 22nd July, 2002 to 13th October, 2002.
- Worked as Lecturer in Electrical Engineering Department, NIDS, Ahmedabad from 3rd Feb, 2003 to 30th June, 2003.
- Worked as Lecturer in Electrical Engineering Department, G H Patel College of Engineering & Technology, Vallabh Vidyanagar from 1st July 2003 to 30th June, 2008.

ACADAMIC DETAILS

- Ph.D. (continue) from S P University, under guidance of Dr. Bhavesh Bhalja, Head of Electrical Engineering Department, ADIT, Vallabh Vidyanagar.
(Research Area: Power System Protection)
- M.E. (Electrical Power Systems) with Distinction in the year of 2002, from ISTAR, S P University, Vallabh Vidyanagar.
- B.E. (Electrical) with First class in the year of 1999, from Birla Vishwakarma Mahavidyalaya (College of Engineering), S P University, Vallabh Vidyanagar.

CONFERENCE PAPERS

- Bhavesh Bhalja, R. P. Maheshwari and Vijay Makwana, “Real Time Implementation of Numerical Relay for Induction Motor”, XXXII National Systems Conference, NSC 2008, IIT Roorkee December, 2008.

BOOK

- Bhuvanesh Oza and Vijay Makwana, “Modern Power Generation Practice”, Bharti Prakashan, 2007.

ACADAMIC RESPONSIBILITIES

Guiding Projects of many final year students of B.E. (Electrical), as listed below:

Sr. No.	ID. No.	Name	Project Title
1	01EE714	Dinkar Deepak Gangaram	Study and Simulation of Numerical Distance Relay using ZFB Test Kit
2	02EE731	Hinal R Shah	3-phase Transformer Protection using Numerical Relay
3	02EE734	Neha G Bhavsar	
4	02EE729	Pramit G Patel	
5	02EE739	Umesh K Charola	3-phase Induction Motor Protection using Numerical Relay
6	03EE723	Patel Mayur P	Advanced Distance Protection Scheme
7	04EE791	Patel Amar G	
8	04EE792	Patel Jimmy R	
9	04EE751	Bhalala Kaushik S	Control & Protection of Substation’s Feeder
10	04EE752	Bhatt Kunal P	
11	04EE733	Arya Anshul A	
12	04EE702	Sindhavad Jimmy H	Auto-tune PID Temperature Controller
13	04EE758	Shrotriya Aparna P	
14	04EE747	Tripathi Rakeshranjan B	Automatic Starter & 3-phase Mains to Standby Changeover System
15	04EE783	Sheladiya Chetan	
16	05EE733	Bhavsar Anand Girish	Simulation of the Factors Affecting Operation of Transmission Line Relays
17	05EE705	Harwani Chirag Jawahar	
18	05EE734	Rathod Harpalsinh Takhatsinh	Voltage Improvement in Transmission Line with ‘FACT’ Techniques
19	05EE711	Desai Tapankumar Manojkumar	

Conducting Lectures and Practical in various subjects at B.E. level as mentioned below:

- Elements of Electrical Engineering
- Electrical Machines
- Power System Protection
- Power System Practice & Design
- Electrical Switchgear

OTHER ACHIEVEMENTS

Workshops/Seminars/STTPs Visited

- Attended workshop on “Utilization of Educational Standards”, organized by GCET-ISTE Chapter in association with Bureau of Indian Standards (BIS) – New Delhi, during 20th to 21st January 2005, at Electrical Engineering Department, GCET, Vallabh Vidyanagar.
- Attended seminar on “Intellectual Property Rights-Policy, Education and Public Outreach”, Sponsored by Ministry of Human Resource Development, Government of India, New Delhi, during 3rd to 4th September 2005, held at Sardar Patel University, Vallabh Vidyanagar.
- Attended workshop on “Research Methodology in Engineering Education”, on 22nd April 2006, at GCET, Vallabh Vidyanagar.
- Attended seminar on “Impact of Mathematics on Live Industrial Problems”, on 19th August 2006, at GCET, Vallabh Vidyanagar.
- Attended workshop on “Training Programme for MiPOWER Software – A Step to Quality Education”, during 6th to 8th September 2007, at Electrical Engineering Department, ADIT, Vallabh Vidyanagar.
- Attended short term training programme on “Numerical Protection of Power Systems”, approved by ISTE, New Delhi during 17th to 22nd December 2007, at Electrical Engineering Department, BVM Engineering College, Vallabh Vidyanagar.
- Attended workshop on “Programming, Analysis & Simulation using MATLAB”, Sponsored by GUJCOST, during 17th to 19th January 2008, at Electrical Engineering Department, GCET, Vallabh Vidyanagar.
- Attended workshop on “Recent Advances in Power Systems”, jointly organized by IEEE Gujarat Section Student Branch, ADIT & Department of Electrical Engineering, ADIT, on 4th April 2008, at ADIT, Vallabh Vidyanagar.
- Attended one day colloquium on “India’s Power Sector Reforms and its Challenges”, on 21st February 2009, held under the aegis of Department of Electrical Engineering and IEEE GCET Student Branch at GCET, Vallabh Vidyanagar.

CONSULTANCY PROVIDED UNDER INDUSTRY CONSULTANCY CELL (ICC), GCET

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PROFESSIONAL SOCIETY MEMBERSHIP

- Life membership of ISTE: LM43386