

## FACULTY PROFILE

1. Name : Khyati D.Mistry
2. Date of Birth : 31/05/1983
3. Highest Qualifications : M.E (Electrical)
4. Academic Qualification :

Degree/Diploma	Division/Grade	Year	Specialization	Name of Institute
S. S. C.				
H. S. C.				
B. E./B. Tech.	First class	2004	Electrical Engineering	S.P.University, V.V.Nagar
M.E./M. Tech.	First class	2006	Power system	S.P.University, V.V.Nagar
Ph. D.		Registered 2010		S.V.National Institute of Technology, Surat
Any Other				

5. Date of Joining : 16-7-2007
6. Present Designation : Assistant Professor
7. Achievements since date of joining:

a. No. of Publications : 14

1.1. International Journals :

- Khyati Mistry, Ranjit Roy, “Enhancement of loading capacity of distribution system through distributed generator placement considering techno-economic benefits with load growth” International Journal of Electrical Power and Energy System, vol.54, pp.505-515, 2014.
- Khyati Mistry, Ranjit Roy, “Impact of demand response program in wind integrated distribution network” article in press for publication in International Journal of Electric Power System Research.

1.2. National Journals :

- Application of directional relay in an ungrounded power system to locate single line to ground fault, in the journal of CPRI, September-2011
- Voltage sag mitigation in a three-phase induction motor using DSTATCOM and AVR, in the journal of CPRI, September-2012

### 1.3 International Conference:

Sr. No.	Paper	Presented at	During
1.	Load Flow Solution for Ill-Condition Radial Distribution Network Including Static Load Model and Daily Load Values	Rome, Italy	2011
2.	A novel method for distribution system reconfiguration including static load model and daily load curve	American University of Sharjaha, UAE,	Nov-15-17, 2011
3.	Enhancement of voltage stability index of distribution system by network reconfiguration including static load model	Kollam, Kerala	Dec-1-3, 2011
4.	GSA based optimal capacity and location determination of distributed generation in radial distribution system for loss minimization	Greece	2012
5.	Evolutionary computation based size and capacity determination of distributed generation in radial distribution system for loss minimization	Turkey	2012
6.	An elitist artificial bee colony based size and location of distributed generation in radial distribution system for loss minimization	Turkey	2012
7.	CRPSO based Optimal Placement of Multi-Distributed Generation in Radial Distribution System	Malaysia	2012

### 1.4 National Conference:

Sr. No.	Paper	Presented at	During
1.	Design of dry type transformer using new insulating material (NOMEX)	Charotar institute of technology	12-13 September 2008
2.	Automatic generation Control of Interconnected Thermal-Hydro Power System integrated with SMES and Ultracapacitor	EED, S.V.N.I.T	22-23, March, 2012
3.	Application of Teaching Learning Based Optimization for Size and Location Determination of Distributed Generation in Radial Distribution System	BHU, Varanasi	December 12-14, 2012

### 1.5 Conference/Seminars Attended:

Sr. No.	Conference /Seminars	Organized By	Sponsor	During	Day	Weeks
1.	Design, Analysis and control of Advanced electrical machines	Nirma University, Ahmedabad		19 <sup>th</sup> -24 <sup>th</sup> march 2007	5	1

2.	Practical variable speed drives for instrumentation and control systems	IDC Technologies,pune		10 <sup>th</sup> -11 <sup>th</sup> march 2008	2	
3.	Energy,Environment and importance of power electronics	IIT ,Delhi	S.V.N.I.T	2 <sup>nd</sup> and 3 <sup>rd</sup> jan 2008	2	
4.	Induction training	S.V.N.I.T	S.V.N.I.T	21-23,Jan-2008	3	
5.	Pedagogy training	S.V.N.I.T	S.V.N.I.T	12-15, May-2008	4	
6.	Training in research methodology in engineering	S.V.N.I.T	S.V.N.I.T	16-17, may,2008		
7.	Advanced engineering optimization through intelligent techniques	S.V.N.I.T	S.V.N.I.T	30-4, July, 2008	5	1
8.	Recent trends in power electronics	EED, S.V.N.I.T	S.V.N.I.T	7-11, July, 2008	5	1
9.	Microcontrollers and their application	EED,S.V.N.I.T	S.V.N.I.T	14-18 Dec-2009	5	1
10.	C-16- Sustainable energy,	LBRCE, Mylavaram	S.V.N.I.T	5-9, July-2010	5	1

#### 1.6 Conference/Seminars Organized:

Sr. No.	Conference /Seminars	Organized By	Sponsor	During	Day	Weeks
1.	High voltage testing techniques-Co-coordinator	EED, S.V.N.I.T	S.V.N.I.T	21-25, Dec, 2009	5	1
2.	Modern electrical energy system-Co-coordinator	EED, S.V.N.I.T	S.V.N.I.T	25-29, Jan, 2010	5	1