

1 Name : Nilesh Rashmikant Pandya



2 Patent

	Patent title	Date	National / International	Awarded
9.1	Online Fault Sensor for Oil filled Transformers Patent no. 204691	24-5-2001	National	Yes

3 R&D Projects : Completed 13 R&D projects

	Project Title	Organization
10.1	To study electrical treeing phenomenon in XLPE cables.	CBIP
10.2	Comparative evaluation of Indigenous and Imported round enameled winding wires	IEEMA, Mumbai
10.3	To recommend a computerized and quicker method for thermal class evaluation of insulating materials.	CBIP, New Delhi
10.4	Development of Electrochemical Hydrogen sensor	ERDA, Vadodara
10.5	Degradation characteristics of outer sheath of cables due to environmental stresses.	ERDA, Vadodara
10.6	Development of hydrogen sensor for power transformer application.	ERDA, Vadodara
10.7	Effect of surges on Enameled Winding wires for motor application.	ERDA, Vadodara
10.8	Development of surge generator for enameled wire testing.	ERDA, Vadodara
10.9	Comparative evaluation of thermal class of four slot insulating materials.	BBL, Thane
10.10	Field trials of fault sensor	PGCIL +BSES +KPTCL +AEC
10.11	Online Condition monitoring of electrical cables installed in Nuclear Power Plant.	BRNS, Mumbai
10.12	Development of modified version of fault sensor	ERDA, Vadodara
10.13	Application of LPG sensor for sensing evolved hydrogen in transformer.	ERDA, Vadodara

4 Outstanding professional achievement / Awards / Rewards

	Award	Institute	Year
11.1	BEST PRESENTATION' award	4 th National seminar on Sensors' Vallabh Vidyanagar	1998
11.2	Dr. Vikram Sarabhai YOUNG SCIENTIST ' award	Govt. of Gujarat	2001
11.3	BEST PRODUCT' award for 'Online Fault Sensor' at International Exhibition	ELECRAMA -, Mumbai.	2002
11.4	N R D C' award	Govt. of India	2004
11.5	MAYLAVARAM' award for Excellence	ERDA	2005
11.6	3 rd Best Paper award	CABLEWIRE – 2011 international conference	2011
11.7	Best R&D project	ERDA	2005
11.8	Best House keeping	ERDA	2010
11.9	Incentives awards	ERDA	2001 to 2011
11.10	Long service award	ERDA	2008
11.11	Technical excellence	ERDA	2010