

Dr.Pampa Sinha

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Assistant Professor

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**INTERESTED RESEARCH AREAS:**

Power Quality

**ACADAMIC DETAILS :**

S.NO	DEGREE	INTITUTION NAME	YEAR OF PASSING
1	PhD.	Jadavpur University	Submitted
2	Master of Technology	University of Calcutta (Govt.)	2009
3	Bachelor of Technology	West Bengal University of Technology	2006

**EXPERIENCE:**

TEACHING: 8.2 years

**Ph.D AWARDED/SUBMITTED**

YEAR : Submitted (2016)	
S.NO	TITLE Power Quality Assessment of Distribution System under Stationary and Nonstationary Disturbances

**PUBLICATION:**

SELECTED PUBLICATIONS (SI INDEX) :

International Journals	Journal of publication	Page number and Volume number
A wavelet based novel method for the detection of harmonic Sources in Power System Electrical Power and Energy Systems (Elsevier) 40 (2012) 54-61	International Journal of Electric Power and Energy System, Elsevier	Page no. 40-54, vol. 61

Harmonic Source Identification in Distribution system using nonactive power quantities International journal of Power and energy conversion	International Journal of Power and Energy Conversion, Inderscience Publishers	In press
Identification of Harmonic Source Type in Distribution Network using Wavelet Decomposition Technique European Transaction of Electrical power	International Transactions on Electrical energy Systems, Wiley	DOI: 10.1002/etep.2219,2016.
Measurement and detection of harmonic sources for radial and nonradial distribution network	Journal of Electrical power system Engineering	In press

#### FULL PUBLICATION

<b>Title of the paper</b>	<b>Conference</b>	<b>Year</b>	<b>Page number and Volume number</b>
Assessment of power quality based on Fuzzy logic and Discrete wavelet transform for nonstationary disturbances	International conference on modeling, optimization and computing, NIT Durgapur	2010	AIP Conf. Proc. 1298, 664 (2010) <a href="http://dx.doi.org/10.1063/1.3516398">http://dx.doi.org/10.1063/1.3516398</a> Conference date: 28-30 October 2010 Location: West Bengal (India)
A new wavelet and fuzzy based power quality index for distribution systems under stationary and nonstationary disturbances	Michael Faradey IET International Summit	2015	DOI: 10.1049/cp.2015.1680 ISBN: 9781-78561-1186-5 Conference Date: 12-13 September, 2015 Location: Kolkata
Disturbing load identification in distribution system network	IEEE first International Conference on Control, Measurement and Instrumentation (CMI)	2016	DOI: 10.1109/CMI.2016.7413718 Page Number: 97-102 Conference Date: 8-10 January, 2016 Location: Kolkata

**M.Tech THESIS GUIDED:**

YEAR : 2014	
S.NO	TITLE
1	Determination of Dominant harmonic generating source using discrete Wavelet Transform
2	(2015) Title: Solid State circuit breaker
3	(2015) Title: Power Quality study using harmonic active power flow
4	(2016) Title:

**SUBJECTS TAUGHT:**

S.NO	SUBJECT CODE	SUBJECT NAME
1	EE2003	Network Analysis
2	EE 4003	Switch Gear and Protection
3		Power System
4		Power system Analysis
		Power Generation Economics