

Name: **RASHMI KAPOOR**

Designation: Asst. Professor

Department: EEE

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Experience (in years): Teaching: 5 years Research: 7 years Others(if any, specify): Nil



1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.E.	2004	Electrical Engineering.
2.	M.E.	2006	Power Electronics
3.	Ph.D.	2017	Power quality

2. Teaching and Learning:

2.1. Teaching Interests: Neural Networks, Power Electronics, Microprocessor

2.2. Novel Teaching & Learning Techniques adopted: moodle

2.3. Involvement in curriculum updating / Design: Nil

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Painting, cooking

3.2. CCA/ECA Organized: Nil

3.3. CCA/ECA participated: Nil

3.4. Counseling and Mentoring Activity: mentor for second year student

3.5. Committees involved in:

Department level: Nil

Institute Level: Nil

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted: Nil

4.2 Attended: 04

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Nil

5.2. Articles/Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

a) UG: 05

b) PG: 01

5.5. Research Interests: Power Quality

5.6. Ph.D students:

a) Enrolled: Nil

b) Submitted: Nil

c) Awarded: Nil

5.7. Papers published in reviewed journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Missing Sensor detection and restoration for a repetitive controlled DVR	International Journal of Applied Engineering research Vol.10 no. 20,2015	0973-4562		International
2	FPGA verification of modified	IJEET Vol.6, Issue 10 sept-oct 2015	2249-3085		International

	repetitive controller for a power quality conditioner				
3	Power Quality Improvement by a DFACT device using repetitive controller	International journal of Engineering Research and technology vol. 2 issue 5 May-13	22780181		International
4	A novel modified P-Q Theory to control PV UPQC under power quality issues in distribution system.	AJCT, Vol.4, No.2			International
5	Implementation of level shifted PWM and bee algorithm for cascaded multilevel inverters	International journal of engineering and technology Vol.7, no. 3			International
6.	A novel modified P-Q theory to control UPQC under power quality issues in distribution system	International Journal of applied Engg. Research. Vol. 13, no.10, 2018 (special issue)	0973-4562		International

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
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1	Sensor fault detection for a Repetitive controller based DFACT device	CARE, IEEE-2013	International	
2	Fault current control using a repetitive controller based DVR	ICACCE, IEEE-2015	International	
3	Online trained neuro controller for DC motor	NCPS June-2007	national	
4	Comparison of various BPA techniques for identification and control of a DC motor in MATLAB	NCPS June-2007	national	
5	Performance analysis of a new variable step size LMS, time variable LMS and NLMS algorithm for White Gaussian and co-related inputs	national conference on recent trends in Electronics and communication April-2008		
6	Performance Analysis of Adaptive Filtering Algorithms for system Identification	IETE zonal seminar, AWWC-08	national	
7	Simulation of line commutated AC to DC converter using MATLAB as a teaching tool	NCPS June-2007	national	

5.9. Sponsored research Projects: Nil

5.10 Consultancy Projects:

6. Awards / Honors received: Nil

7. Motto: Hard work