

Curriculum Vitae



1. **NAME** : **Dr. GIRISH PARMAR**
2. **FATHER'S NAME** : Sh. Dharam Singh
3. **DATE OF BIRTH** : May 30, 1975
4. **NATIONALITY** : Indian
5. **BASIC DISCIPLINE** : Electronics / Instrumentation Engineering
6. **SPECIALIZATION** : Measurement, Instrumentation & Control
7. **PRESENT DESIGNATION** : Assistant Professor
8. **PERMANENT ADDRESS** : S/o Sh. Dharam Singh
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9. **ADDRESS FOR COMMUNICATION** : D-7 Staff Colony, University College of Engineering, Rajasthan Technical University, Rawatbhata Road, Akelgarh, KOTA (Rajasthan), PIN-324 010
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10. **PASSPORT NO.** : B 3572989
11. **MEMBER OF PROFESSIONAL BODIES** : AMIE, LMSSI

12. EDUCATIONAL QUALIFICATIONS :

S. No.	Exam. Passed	Branch/ Discipline	Year	Institute/ University	% of Marks	Division/ Grade
1.	Matric	-	1990	Raj. Board	72.72 %	Ist
2.	10+2	-	1992	Raj. Board	68.00 %	Ist
3.	B. Tech.	Instrumentation & Control Engg.	1997	R.E.C. Jalandhar (Presently N.I.T. Jalandhar)	64.47 %	Ist
4.	M.E.	Measurement & Instrumentation (Electrical Engineering)	1999	Univ. of Roorkee (Presently I.I.T. Roorkee)	80.95 %	Ist (Hons.) (Gold Medal)
5.	Ph.D.	Electrical Engineering	2007	I.I.T. Roorkee	-	-

M. E. Thesis: Reduced Order Modelling with and without Time Delay.

Ph.D. Thesis: Model Order Reduction and its Application in Control System Design.

13. AWARDS, MEDALS & SCHOLARSHIP :

- **University Medal** in M.E. for standing First in First Class in Measurement & Instrumentation.
- **Dr. J. C. Mukhopadhyay Medal** in M.E. for obtaining highest marks in M.E. Courses in various specializations in Electrical Engineering.
- **Late Smt. Uma Goyal w/o Shri Udai Shanker Goyal Memorial Cash prize of Rs. 2500/-** in M.E. for obtaining highest marks in M.E. Electrical Final Year.
- Award of fellowship as **Senior Research Fellow (SRF)** to carry out research work on “Model Order Reduction and its Application in Design of Control System for Different Process” sponsored by **AICTE** in the Department of Electrical Engineering at University of Roorkee (Presently **IIT R**).

- **Certificate of Appreciation** for contributing immensely in organizing the 14th National Power Systems Conference (*NPSC-2006*), Indian Institute of Technology, Roorkee (**IIT R**), India, December 27-29, 2006.
- **Best Paper Presentation Award** in 32nd National Systems Conference (*NSC-2008*), Indian Institute of Technology, Roorkee (IIT R), India, December 17-19, 2008.
- **Financial Assistance by DST, Govt. of India** under **Young Scientist Category** to attend the 4th International Conference on Information Systems, Technology and Management, **ICISTM-2010** at **Bangkok, Thailand** during March 11-13, 2010.

14. PROFESSIONAL EXPERIENCE :

S. No.	From	To	Post Held	Organization
<u>Teaching</u>				
1.	12/07/2006	Contd.	Assistant Professor	Rajasthan Technical University, Kota
2.	12/07/2004	11/07/2006	Sr. Lecturer	Govt. Engineering College, Kota
3.	12/07/1999	11/07/2004	Lecturer	Govt. Engineering College, Kota
<u>Research</u>				
4.	July, 2004	July, 2007	QIP Research Scholar (on Deputation)	Indian Institute of Technology, Roorkee
5.	February, 1999	May, 1999	Senior Research Fellow (SRF)	University of Roorkee, Roorkee (presently IIT R)
<u>Industry</u>				
6.	17/06/1996	20/07/1996	Vocational Trainee	J K Industries Ltd., Udaipur
7.	19/06/1995	31/07/1995	Vocational Trainee	NTPC, Badarpur, New Delhi

Summary :

- **Teaching Experience** – 12.6 Years at Govt. Engineering College, Kota (presently Rajasthan Technical University, Kota; www.rtu.ac.in).
- **Research Experience** – 4 Years at Indian Institute of Technology, Roorkee (IIT R).

15. JOB RESPONSIBILITIES :

- Guided/Guiding projects & seminar to U.G. & P.G. students.
- Developed Curriculum Syllabus of M. Tech. (Control & Instrumentation).
- Lab In-charge of Computer Control Lab.
- Member of the anti-ragging squads.
- Member (*Library*) of the committee to assess the financial requirement of different section of the university in consultation with NIC.
- P.G. Coordinator of M. Tech. (Digital Communication).
- Co-cordinator of Examination, UCE, RTU, Kota.
- Officer In-Charge Time-Table of Department of Electronics Engg.
- Member of the Nodal Agency to co-ordinate with the State Govt. as well as with Govt. of India.
- Member of the inspection team to inspect various Engg./MBA Colleges regarding their affiliation with the RTU, Kota.
- Member of the Sub-committee (BOI) for the process of affiliation of colleges/Institutes.
- Member of the DRC, Department of Electronics Engg., RTU, Kota.

16. TRAINING PROGRAMMES/ SHORT TERM COURSES ATTENDED :

1. Attended one Short Term Course on '**Professional excellence & Ethics for Teachers**' at I.I.T. Roorkee (U.A.), India during January 31-February 04, 2005.

2. Attended one Short Term Course on **‘Knowledge Management for Effective Teaching’** at I.I.T. Roorkee (U.A.), India during May 23-27, 2005.
3. Attended one Short Term Course on **‘Personality Predisposition & Managerial Effectiveness’** at I.I.T. Roorkee (U.A.), India during June 26-30, 2006.
4. Attended one Workshop on **‘Applied Soft Computing (SOCO-2006)’** at Haryana Engineering College, Jagadhri (Haryana), India during July 11-15, 2006.
5. Attended one Short Term Course on **‘TCP/IP based Computer Networks’** at N.I.T.T.T.R. Chandigarh (Punjab), India during March 17-21, 2008.
6. Attended one Short Term Course on **‘FACTS Devices & Applications’** at M.A.N.I.T. Bhopal (M. P.), India during June 23-27, 2008.
7. Attended one Workshop on **‘Design, Fabrication and Testing of Microwave Integrated Circuits (FABMIC-2008)’** at Geetanjali Institute of Technical Studies (GITS), Udaipur (Rajasthan), India during September 27-29, 2008.
8. Attended one Short Term Course on **‘Comprehensive Electrocardiography: ECG Lead Systems, Signal Processing (Computer) Interpretation, Clinical Application’** at I.I.T. Roorkee (U.K.), India during October 18-22, 2008.
9. Attended one Workshop on **‘Soft Computing’** at Institute of Engineering & Technology (IET) Alwar, Alwar (Rajasthan), India during November 8-10, 2008.
10. Attended one Workshop on **‘DSP and CMOS Layout’** at Rajasthan Technical University, Kota (Rajasthan), India during December 19-21, 2008.
11. Attended one Short Term Course on **‘Challenges for Civil Engineers towards Development of the Nation (CCDN-2008)’ (Interdisciplinary Course)** at Rajasthan Technical University, Kota (Rajasthan), India during December 22, 2008-January 3, 2009.
12. Attended one Short Term Course on **‘Computer Animation’** at N.I.T.T.T.R. Chandigarh (Punjab), India during October 12-16, 2009.

13. Attended one Workshop on ‘**Digital Signal Processors, MSP 430 and their Applications**’ at Rajasthan Technical University, Kota (Rajasthan), India during January 28-30, 2011.
14. Attended one Workshop on ‘**Recent Trends in RF Technologies**’ at Rajasthan Technical University, Kota (Rajasthan), India during February 26-27, 2011.
15. Attended one Workshop on ‘**Advance Antenna Design Techniques & Microwave Engineering**’ at Rajasthan Technical University, Kota (Rajasthan), India during October 8-9, 2011.
16. Attended one Workshop on ‘**Microwave and RF Technologies**’ at Techno India NJR Institute of Technology, Udaipur (Rajasthan), India during November 25-27, 2011.

17. BOOKS PUBLISHED : 5

- ‘**Electronic Materials and Processes**’, Vardhan Publishers & Distributors, Jaipur.
- ‘**Electrical & Electronics Engineering**’, Vardhan Publishers & Distributors, Jaipur.
- ‘**Random Variables & Stochastic Processes**’, Vardhan Publishers & Distributors, Jaipur.
- ‘**Digital Signal Processing**’, Genius Publications, Jaipur.
- ‘**Digital Logic Design**’, Vardhan Publishers & Distributors, Jaipur.

18. CONFERENCES ATTENDED :

- National Conference on Machine Intelligence (NCMI-2008) at Haryana Engineering College, Jagadhri (Haryana), India during August 22-23, 2008.

19. SPECIAL ACHIEVEMENTS :

- **Co-chairman** of Technical Session on **‘Fuzzy Logic’** during the National Conference on Communication, Controls and Bio-informatics (NCCCB-2006) held during March 8-10, 2006 at Govt. Engineering College Kota (Rajasthan), India.
- Acted as **Reviewer** of one International Journal **‘Applied Mathematical Modelling’** Elsevier Science (Science Direct).
- Acted as **Reviewer** of one National Journal **‘Chhattisgarh Swami Vivekanand Technical University Research Journal’** (CSTUV Research Journal).
- Acted as **Reviewer** of **‘48th IEEE Conference on Decision and Control’** 2009.
- Delivered **expert lectures** on **‘Switching Theory, Automatic Control System and Matlab Fundamentals’** at BSA College of Engineering & Technology, Mathura (U.P.) during September 23-24, 2008.
- Delivered **expert lecture** on **‘Mathematical Modelling & its Applications’** in **AICTE sponsored** Short Term Course on **‘Challenges for Civil Engineers towards Development of the Nation (CCDN-2008)’** (Interdisciplinary Course) at Rajasthan Technical University, Kota (Rajasthan), India during December 22, 2008-January 3, 2009.
- Delivered **expert lecture** on **‘Digital Signal Processing’** at Geetanjali Institute of Technical Studies (GITS), Udaipur (Rajasthan), India during January 9-10, 2010.
- Delivered **expert lecture** on **‘Simulation and Modeling Techniques & their Applications’** in **Directorate of Technical Education, Bhopal (M.P.) sponsored** Short Term Training Program at Rustamji Institute of Technology (RJIT), BSF Academy, Tekanpur, Gwalior (M.P.) during May 3-7, 2011.
- Attended the training of **‘20 SIM software’** at **Bangkok, Thailand** during March 9-15, 2009.

- **Member of the Technical Committee** of the Workshop on **‘Future Trends in RF & Microwave Technologies’** at Ideal Institute of Technology, Ghaziabad (U.P.), India on March 27, 2010.
- **Member of the Advisory Committee** of the National Symposium on **‘New & Renewable Energy’** at Modern Institute of Technology & Research Centre, Alwar (Rajasthan), India during March 30-31, 2010.
- **Organizing Secretary** of the Workshop on **‘Digital Signal Processors, MSP 430 and their Applications’** at Rajasthan Technical University, Kota (Rajasthan), India during January 28-30, 2011.
- **Member of the Technical Committee** of the *1st National Conference on Electronics Development & Innovative Technologies (EDIT-2011)*, Gurukul Institute of Engineering & Technology, Kota, India, on February 6, 2011.
- **Member of the Technical Committee** of the Workshop on **‘Recent Trends in RF Technologies’** at Rajasthan Technical University, Kota (Rajasthan), India during February 26-27, 2011.
- **Member of the Organizing Committee** of the **National Conference on ‘Power and Energy Systems’ (NCPES-2011)** at Rajasthan Technical University, Kota, India during April 23-24, 2011.
- **Member of the Technical Advisory Committee** of the **National Conference on ‘Emerging Trends in Control, Communication and Computer Science-2011’ (ET3CS-2011)** at Vedant College of Engineering and Technology, Bundi (Rajasthan), India on March 26, 2011.
- **Member of the Advisory Council** of the **National Conference on ‘Artificial Intelligence’ (NCAI-2011)** at Rajasthan College of Engineering for Women, Jaipur (Raj.), India during May 13 -14, 2011.
- **Assistant Coordinator** of **EDUSAT** project at UCE, RTU, Kota.
- Taken the charge of **CAS** project on **Automatic Control Engineering** on 26/05/2008 in UCE, RTU, Kota.

20. COURSES TAUGHT SO FAR :

- Digital Electronics
- Circuit Theory
- Instrumentation System Reliability
- Electronic Devices & Circuits
- Telemetry & Telecontrol
- Control System
- Electronic Materials & Processes
- Communication Theory
- Random Variables & Stochastic Processes
- Digital Signal Processing (U.G. / P.G.)
- Measurement Systems & Error Analysis (P.G.)
- Signal Theory (P.G.)

21. RESEARCH INTERESTS : Process Instrumentation & Control, Optimization, Signal Processing, System Engineering and Model Order Reduction of Large scale systems.

22. Ph.D. – 5 (Ongoing) :

1. Neeraj Jain, Optimum tuning of various types of compensating networks and controllers using soft computing techniques.
2. Puneet Kr. Chaudhary, Automatic maximum peak power tracking of photovoltaic cells for high voltage applications.
3. P. S. Bhati, Soft computing based design of power system stabilizers.
4. Rita Saini, Order reduction and tuning of controllers using soft computing techniques.
5. Manish Gupta, Watermarking technique: An effective way to hide audio, image, and text files.

23. LIST OF PUBLICATIONS :

➤ International Journals

1. **G. Parmar**, S. Mukherjee and R. Prasad, “System reduction using factor division algorithm and eigen spectrum analysis”, *Applied Mathematical Modelling*, Elsevier, Vol. 31, pp. 2542-2552, 2007. [Impact Factor : 0.931]
2. **G. Parmar**, S. Mukherjee and R. Prasad, “System reduction using eigen spectrum analysis and Pade approximation technique”, *International Journal of Computer Mathematics*, Taylor & Francis, Vol. 84, No. 12, pp. 1871-1880, 2007. [Impact Factor : 0.308]
3. **G. Parmar**, R. Prasad and S. Mukherjee, “Order reduction of linear dynamic systems using stability equation method and GA”, *International Journal of Computer, Information, and Systems Science, and Engineering*, Vol. 1, No. 1, pp. 26-32, 2007.
4. **G. Parmar**, S. Mukherjee and R. Prasad, “Reduced order modelling of linear dynamic systems using particle swarm optimized eigen spectrum analysis”, *International Journal of Mathematics Sciences*, Vol. 1, No. 1, pp. 45-52, 2007.
5. **G. Parmar**, S. Mukherjee and R. Prasad, “Order reduction of linear systems using Genetic Algorithm”, *International Journal of Computer, Mathematical Sciences and Applications*, Vol. 1, No. 2-4, pp. 309-321, 2007.
6. **G. Parmar**, S. Mukherjee and R. Prasad, “Reduced order modelling of linear MIMO systems using Genetic algorithm” *International Journal of Simulation Modelling*, Vol. 6, No. 3, pp. 173-184, 2007.
7. **G. Parmar**, S. Mukherjee and R. Prasad, “Relative mapping errors of linear time invariant systems caused by particle swarm optimized reduced order model”, *International Journal of Computer, Information, and Systems Science, and Engineering*, Vol. 1, No. 2, pp. 83-89, 2007.

8. **G. Parmar**, S. Mukherjee and R. Prasad, “Reduced order modeling of linear multivariable systems using particle swarm optimisation technique”, *International Journal of Innovative Computing and Applications*, **Inderscience**, Vol. 1, No. 2, pp. 128-137, 2007.
9. **G. Parmar**, R. Prasad and S. Mukherjee, “Order reduction by least-squares methods about general point ‘a’ ”, *International Journal of Mathematical, Physical and Engineering Sciences*, Vol. 1, No. 1, pp. 26-33, 2008.

➤ **National Journals**

10. **G. Parmar**, R. Prasad and S. Mukherjee, “Reduction of linear dynamic systems using dominant pole retention method and modified Caue continued fraction”, *Journal of Computer Science (JCS)*, Vol. 1, No. 6, pp. 547-554, May-June 2006, Karpagam Publications, Coimbatore, India.
11. **G. Parmar**, S. Mukherjee and R. Prasad, “Relative mapping errors of linear dynamic systems caused by Genetically optimized reduced order model”, *Journal of Computer Science (JCS)*, Vol. 2, No. 3, pp. 231-237, Nov-Dec 2006, Karpagam Publications, Coimbatore, India.
12. **G. Parmar**, R. Prasad and S. Mukherjee, “A mixed method for large-scale systems modelling using eigen spectrum analysis and Caue second form”, *IETE Journal of Research*, Vol. 53, No.2, pp. 93-102, March-April, 2007, New Delhi, India.

➤ **International Conferences**

13. S. Mukherjee, R. N. Mishra and **G. Parmar**, ‘Order Reduction using Zero Spectrum analysis’, *Proc. International Conference on Computer Applications in Electrical Engineering, Recent Advances (CERA-01)*, Indian Institute of Technology Roorkee, Roorkee (India), pp. 450-454, February 21-23, 2002.

14. S. Mukherjee, R. N. Mishra and **G. Parmar**, ‘Model Reduction with Time Delay’, *Proc. International Conference on Computer Applications in Electrical Engineering, Recent Advances (CERA-01)*, Indian Institute of Technology Roorkee, Roorkee (India), pp. 483-485, February 21-23, 2002.
15. **G. Parmar**, R. Prasad and S. Mukherjee, “Reduced order Pade approximant with time delay”, *Proc. International Conference on Computer Applications in Electrical Engineering, Recent Advances (CERA-05)*, Indian Institute of Technology Roorkee, Roorkee (India), pp. 49-51, September 29-October 1, 2005.
16. **G. Parmar**, S. Mukherjee and R. Prasad, “Comparison of order reduction methods with time delay”, *Proc. International Conference on Computer Applications in Electrical Engineering, Recent Advances (CERA-05)*, Indian Institute of Technology Roorkee, Roorkee (India), pp. 52-56, September 29-October 1, 2005.
17. **G. Parmar**, R. Prasad and S. Mukherjee, “Reduced order modelling of linear multivariable systems using zero spectrum analysis and Pade approximation”, *Proc. ASIAN Conference on Intelligent Systems & Networks (AISN-2006)*, Centre for Advanced Technology, Haryana Engineering College, Jagadhri (Haryana), India, pp. 11-15, February 24-25, 2006.
18. **G. Parmar**, S. Mukherjee and R. Prasad, “Order reduction of linear multivariable systems using eigen spectrum analysis and Caue second form”, *Proc. ASIAN Conference on Intelligent Systems & Networks (AISN-2006)*, Centre for Advanced Technology, Haryana Engineering College, Jagadhri (Haryana), India, pp. 220-224, February 24-25, 2006.
19. **G. Parmar**, R. Prasad and S. Mukherjee, “Reduced order modelling of linear dynamic systems using stability equation method and Genetic algorithm”, *Proc. International Conference on Intelligent Systems & Networks (IISN-2007)*, Computational Intelligence Laboratory (CI-Lab), Jagadhri (Haryana), India, pp. 286-292, February 23-25, 2007.

20. **G. Parmar**, S. Mukherjee and R. Prasad, “Relative mapping errors of linear dynamic systems caused by particle swarm optimized reduced order model”, *Proc. International Conference on Intelligent Systems & Networks (IISN-2007)*, Computational Intelligence Laboratory (CI-Lab), Jagadhri (Haryana), India, pp. 371-377, February 23-25, 2007.
21. **G. Parmar**, “Application of Genetic Algorithm in system order reduction and a comparative study using ISE & IRE”, *Proc. 2nd International Conference on Soft Computing (ICSC-2008)*, Institute of Engineering & Technology (IET) Alwar, Alwar (Rajasthan), India, pp. 124-133, November 8-10, 2008.
22. **G. Parmar** and D. Kothari, “Application of particle swarm optimization technique in system order reduction and a comparative study using ISE & IRE”, *Proc. International Conference on Communication, Computers & Instrumentation (ICCCI-2009)*, Vivekanand Education Society's Institute of Technology (VESIT), Mumbai (Maharashtra), India, pp. 142-146, January 2-3, 2009.
23. **G. Parmar**, M. K. Pandey and V. Kumar, “System order reduction using GA for unit impulse input and a comparative study using ISE & IRE”, *Proc. International Conference on Advances in Computing Communication, & Control (ICAC³-2009)*, Fr. C. Rodrigues College of Engineering, Bandra (W), Mumbai (Maharashtra), India, pp. 3-7, January 23-24, 2009.
24. S. Kumar, **G. Parmar** and S. Mukherjee, “A new approach for deriving reduced order model for Squirrel-Cage three phase induction machine”, *Proc. International Conference on Recent Trends in Management, Technology and Environment*, S. D. College of Engineering & Technology, Muzaffarnagar, (U. P.), India, pp. 380-387, November 28-29, 2009.
25. Y. Misra, S. Mukherjee and **G. Parmar**, “Implementation of Fuzzy logic based automatic cane crushing mill controller in FPGA”, *Proc. International Conference on VLSI Design & Communication Systems*,

Meenakshi Sundararajan Engineering College, Chennai, India, pp. 108-111, January 8-10, 2010.

26. **G. Parmar**, M. K. Pandey and V. Kumar, “Linear multivariable system reduction using particle swarm optimization and a comparative study using relative integral square error”, *Proc. 4th International Conference on Information Systems, Technology and Management (ICISTM-2010)*, Bangkok, Thailand, , pp. 339-347, March 11-13, 2010.
27. M. K. Pandey, **G. Parmar** and S. Patsariya, “An effective way to hide the secret audio file using high frequency manipulation”, *Proc. International Conference on Advances in Computing Communication, & Control (ICAC³-2011)*, Fr. C. Rodrigues College of Engineering, Bandra (W), Mumbai (Maharashtra), India, pp.125-130, January 28-29, 2011.
28. Harish Sharma, M. Kumar and **G. Parmar**, “Reconfigurable tapered slot antenna for wireless applications”, *Proc. 6th International Conference on Industrial and Information Systems (ICIIS-2011)*, University of Peradeniya, Sri Lanka, pp.33, August 16-19, 2011.

➤ National Conferences

29. **G. Parmar**, S. Mukherjee and R. Prasad, “Model reduction with time delay using Caue second form”, *Proc. Second National Control Instrumentation System Conference (CISCON-2005)*, Manipal Institute of Technology (MIT), Manipal, India, pp. 150-153, November 11-12, 2005.
30. **G. Parmar**, R. Prasad and S. Mukherjee, “A mixed method for large-scale systems modelling using eigen spectrum analysis and Caue third form”, *CD-R Proc. 29th National Systems Conference (NSC-2005)*, Indian Institute of Technology Bombay, Bombay, India, December 16-17, 2005.
31. **G. Parmar**, S. Mukherjee and R. Prasad, “Large-scale systems modelling using zero spectrum analysis and Routh-Hurwitz array”, *CD-R Proc. 29th*

National Systems Conf. (NSC-2005), Indian Institute of Technology Bombay, Bombay, India, December 16-17, 2005.

32. **G. Parmar**, R. Prasad and S. Mukherjee, “Reduced order modelling of linear multivariable systems using eigen spectrum analysis and Pade approximation”, *CD-R Proc. National Conference on Communication, Control and Bioinformatics (NCCCB-06)*, Engineering College Kota, Kota (Rajasthan), India, March 08-10, 2006.
33. **G. Parmar**, R. Prasad and S. Mukherjee, “System reduction using dominant pole retention method and modified Caue continued fraction”, *Proc. National Conference on Mathematical Techniques (MATEIT-2006)*, D.D.U. College, University of Delhi, Delhi, India, pp. 204-208, March 22-25, 2006.
34. **G. Parmar**, R. Prasad and S. Mukherjee, “Mapping errors of linear dynamic systems caused by optimized reduced order model”, *CD-R Proc. 30th National Systems Conference (NSC-2006)*, National Institute of Oceanography, Goa, India, November 02-04, 2006.
35. **G. Parmar**, S. Mukherjee and R. Prasad, “Reduced order modelling of linear multivariable systems using Genetic algorithm”, *CD-R Proc. 14th National Power Systems Conference (NPSC-2006)*, Indian Institute of Technology Roorkee, Roorkee, India, December 27-29, 2006.
36. **G. Parmar**, and V. Soni, “Mapping errors of linear dynamic systems caused by genetically optimized reduced order model”, *CD-R Proc. National Conference on Advances in Video, Cyber Learning and Electronics (ADVICE-2008)*, National Institute of Technical Teachers’ Training & Research (NITTTR) Chandigarh, India, March 19-20, 2008.
37. V. Soni and **G. Parmar**, “Big, green steps to make a big difference”, *Proc. National Seminar on Environmental Pollution and Control Measures (EPCM-2008)*, Rajasthan Technical University, Kota, India, pp. 371-373, September 12-13, 2008.
38. **G. Parmar**, “One giant green step to stop green house gases”, *Proc. National Seminar on Environmental Pollution and Control Measures*

- (*EPCM-2008*), Rajasthan Technical University, Kota, India, pp. 385-387, September 12-13, 2008.
39. **G. Parmar** and M. Bhandari, “Reduced order modelling of linear dynamic systems using eigen spectrum analysis and modified cauer continued fraction”, *CD-R Proc. 32nd National Systems Conference (NSC-2008)*, Indian Institute of Technology Roorkee, Roorkee, India, December 17-19, 2008.
 40. R. P. Tripathi, R. Yadav, R. Saraswat and **G. Parmar**, “Status of women: a reality check”, *Proc. National Seminar on Women Empowerment: Myth or Reality*, Govt. Dungar College, Bikaner, India, pp. 15, January 22-24, 2009.
 41. R. P. Tripathi and **G. Parmar**, “Outcomes of women empowerment in Andhra Pradesh”, *Proc. National Seminar on Women Empowerment: Myth or Reality*, Govt. Dungar College, Bikaner, India, pp. 78, January 22-24, 2009.
 42. V. Soni, **G. Parmar** and V. Kumar, “WiMAX : Making ubiquitous high speed data services a reality”, *Proc. National Seminar on Radar Remote Sensing and its Applications (RRS-09)*, Indian Institute of Technology Roorkee, Roorkee, India, pp. 23, September 25-26, 2009.
 43. J. P. Sharma, S. Mukherjee and **G. Parmar**, “Energy losses, accounting and auditing in power distribution systems”, *Proc. 2nd National Conference on Energy*, Mody Institute of Technology & Science (Deemed University), Lakshmangarh, India, pp. 22, October 31-November 1, 2009.
 44. M. K. Pandey, **G. Parmar** and V. Kumar, “Registration errors in augmented reality and its use in treatment of psychological disorders”, *Proc. Sixth National Control Instrumentation System Conference (CISCON-2009)*, Manipal Institute of Technology (MIT), Manipal, India, pp. 114-118, November 6-7, 2009.
 45. M. K. Pandey, V. Soni and **G. Parmar**, “Noise pollution by pressure horns”, *Proc. National Conference on Environmental Health Hazards-*

- 2009 (*EHH -09*), Govt. J.D.B. Girls P.G. College for Women, Kota, India, pp. 95-96, December 17-18, 2009.
46. **G. Parmar** and R. P. Tripathi, "Types of medical waste: Handling and disposal", *Proc. National Conference on Environmental Health Hazards-2009 (EHH -09)*, Govt. J.D.B. Girls P.G. College for Women, Kota, India, pp. 96-97, December 17-18, 2009.
 47. S. Kumar, **G. Parmar** and S. Mukherjee, "Reduced order modelling of double cage induction machine", *Proc. 3rd National Conference on Conference on Mathematical Techniques (MATEIT-2010)*, D.D.U. College, University of Delhi, Delhi, India, pp. TS-2.3.1-TS-2.3.6, January 30-31, 2010.
 48. Jitendra Yadvendra, **G. Parmar** and R. Gupta, "Order reduction techniques for large scale systems: A review", *CD-R Proc. National Conference on Recent Advances in Electronic, Telecommunication and Computing Control Technologies (NCET-CCT 2010)*, Arya College of Engineering & I.T., Jaipur, India, November 22-23, 2010.
 49. Pranay Lahoty and **G. Parmar**, "Recognition of distorted fingerprints using multilayer perceptron", *CD-R Proc. National Conference on Recent Advances in Electronic, Telecommunication and Computing Control Technologies (NCET-CCT 2010)*, Arya College of Engineering & I.T., Jaipur, India, November 22-23, 2010.
 50. Jitendra Yadvendra, Usha Vyas and **G. Parmar**, "Moral education: Need for the society", *CD-R Proc. National Seminar on New Initiatives in Technical education for self Development (NITESD-2010)*, Maharishi Arvind International Institute of Technology, Kota, India, December 16, 2010.
 51. Pranay Lahoty, **G. Parmar** and V. Tak, "Basics of time management", *CD-R Proc. National Seminar on New Initiatives in Technical education for self Development (NITESD-2010)*, Maharishi Arvind International Institute of Technology, Kota, India, December 16, 2010.

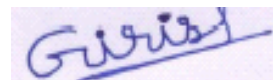
52. **G. Parmar**, P.Shukla and S. Chaturvedi, "Implementation of trigonometric functions using fractional Fourier transform", *Proc. Ist National Conference on Electronics Development & Innovative Technologies (EDIT-2011)*, Gurukul Institute of Engineering & Technology, Kota, India, February 6, 2011.
53. Pranay Lahoty and **G. Parmar**, "Fingerprint image enhancement and recognition using ANN and Crisp-K algorithm", *Proc. Ist National Conference on Electronics Development & Innovative Technologies (EDIT-2011)*, Gurukul Institute of Engineering & Technology, Kota, India, February 6, 2011.
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I hereby declare that the particulars given above are correct to the best of my knowledge and belief.



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