

## Vinesh Kumar Jain

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Ajmer, Rajasthan, India vineshjain1280@rediffmail.com

RESEARCH INTERESTS Internet of Things, Computer Network, Automata Theory, Compiler Construction, Malware Analysis

### EDUCATION

PhD (Pursuing) Computer Engineering  
**Malaviya National Institute of Technology Jaipur**, Jaipur, Rajasthan

- Area of Research: Internet of Things
- Advisor: M C Govil, Ph.D

M.Tech., Computer Engineering, June 2012  
**Malaviya National Institute of Technology Jaipur**, Jaipur, Rajasthan

- Area of Specialization: Computer Engineering
- Topic: *Hybrid Approach to access MAC under variable Network Load and Emulation with NS-3 Simulator*
- Advisor: M S Gaur, Ph.D

B.E., Computer Engineering , June 2004  
**Government Engineering College Ajmer**, Ajmer, Rajasthan

- Area of Specialization: Computer Engineering

### WORKING EXPERIENCE

Organization	Designation	From-To	Duration
Govt.Engineering College,Ajmer	Assistant Professor	September 2006 to till date	11 yrs
Govt.Engineering College,Ajmer	Guest Faculty	July 2005 to September 2006	14 Months

TEACHING INTERESTS Post Graduate and Graduate : Computer Network, Automata Theory, Compiler Construction, Fuzzy Systems

### GOOGLE SCHOLAR LINK

- Publications

### JOURNAL PUBLICATIONS

1. Sheetal Bairwa, Jyoti Gajrani, Vinesh Jain, “**Augmentation of the Classification Performance of Least Square support vector machine using Simple Particle Swarm Optimization for Phising Dataset**”, in IJETMAS Special Issue Nov 2015, ISSN 2349-4476.
2. Mohit Sharma, Meenu Chawla, Vinesh Jain, Jyoti Gajrani “**An Improved Feature Vector storage metric for fast Android Malware Detection Framework**”, in IOSR Journal of Computer Engineering (IOSR-JCE), eISSN: 2278-0661, Volume-17, Issue-4, July-Aug 2015.
3. Yash Pal Singh, Rakesh Rathi, Jyoti Gajrani, Vinesh Jain, “**Analysis of Searching Techniques And Design of Improved Search Algorithm for Unstructured Peer-to-Peer Networks**” in IJCNS , Volume 2,No.4, ISSN 2076-2739 , April-2010
4. Yash Pal Singh, Rakesh Rathi, Jyoti Gajrani, Vinesh Jain, “**Two Level TTL for Unstructured P2P Network using Adaptive Probablistic Search**” in IJSER, Volume 3, Issue 1 ISSN 2229-5518,January 2012).

PAPERS  
SELCTEDED IN  
CONFERENCES/  
WORKSHOPS

1. **“Performance Analysis of Localisation Algorithms Applied on Real Time License Plates of Different Countries, 978-1-4673-5986 3/13 31.00 2013 IEEE”** in International Conference on Information System and Computer Networks, March9-10 2013.
2. **“Image Ontology”** in 2013 IEEE International Conference on Emerging Trends in Computing, Communication and Nanotechnology(ICE-CCN2013) at Infant Jesus College Engg. and Tech., Tuticorn, Tamilnadu, March25-26 2013.
3. **“Bit Operations Based Rapid Pruning and Parallel Algorithm for Frequent Items Mining”** in Nirma University International Conference on Engineering, NUiCONE-2012 at Nirma University Ahemdabad, Dec6-8 2012
4. **“A Novel Technique For Secure Information Transmission in Videos using Salt Cryptograpy”** in Nirma University International Conference on Engineering, NUiCONE-2012 at Nirma University Ahemdabad, Dec6-8 2012.
5. **“Time Series Data Prediction Using Fuzzy data dredging”** in Nirma University International Conference on Engineering, NUiCONE-2012 at Nirma University Ahemdabad, Dec6-8 2012.
6. **“Link Layer Wireless LAN Security: Challenges and Solution”** in Emerging Trends in Electronics and Telecommunication: Vision 2020 Organised by JIET, Jodhpur, March 7-8, 2008.
7. **“Expert System in Real Worlds Organisation”** in Role of Computers and Electronics in Power System, Anita Choudhary, Rakesh Rathi, Jyoti Gajrani, Vinesh Jain Organised at JECRC, Jaipur, July 13-15, 2007
8. **“Malicious Cryptography Exposing Crypto virology”** in Emerging Trends and Application in Computer Engineering(NCETA-2007) at ECA, Ajmer, 13April 2007.

BOOKS  
PUBLICATIONS

1. **“Telecommunications Engineering and Fundamentals”**, Dr. S. C. Jain, Vinesh Jain, Jyoti Tilokchandani, Rakesh Rathi, Published By: RBD Publications, 2008
2. **“Computer System And Programming”**, Dr. S. C. Jain, Rakesh Rathi, Akhil Pandey, Vinesh Jain, Published By: RBD Publications, 2008

CONFERENCE/  
WORKSHOP/SHORT  
TERM TRAINING  
ORGANISED

1. Department of Science and Technology, Govt. of India sponsored workshop on “Awareness about Cyber Crime” at Govt.Engineering College, Ajmer as a Coordinator, March 16-18, 2017.
2. Workshop on “Promoting Excellence in Research” at Govt.Engineering College, Ajmer as a CoCordinator, 4th 8th Feb 2014.
3. National Conference on “Security in Computer Networks and Distributed System” Under AICTE TEQIP-II at Govt.Engineering College, Ajmer as a Co-Chair, Jan9-10 2014.
4. STC on “Open Source Technology and Tools” at Govt.Engineering College, Ajmer Under TEQIP-II as a Co-Coordinator,30 July-3 August, 2013.
5. “TCP/IP Based Computer Network” at ECA, Sponsored By NITTTR,June6-10 2013.

6. "The Role of Telemedicine and IT in the redevelopment of medical system" at ECA, Sponsored By TEQIP, March 8 2013.
7. "Linux Workshop, Spoken Tutorial project development" at ECA, Sponsored By IIT Bombay, August 18 2012.
8. "National Workshop on Statistical Software for Research" at ECA, Sept 8-10 2012.
9. "Recent Advancement in Engineering and Technology." at ECA, April 26 2008.
10. "Emerging Trends and Application in Computer Engineering (NCETA-2007)" at ECA, April 13 2007.

#### TRAINING ORGANISED

1. "CCNA 3-4 Training" as a Instructor at ECA, 28 Jan-28 March 2009.
2. "CCNA 1-2 Training" as a Instructor at ECA, 5 Sept 2008-10 Jan 2009.
3. "BPL SC Candidates Training" at Govt. Engineering College, Ajmer as a Co-Coordinator, 11 Feb-30 May 2008.
4. "Short Term Practical Training on VB.net Technology" at Govt. Engineering College, Ajmer as a Member, 20 June-5 Aug 2006.
5. "Development of College Websites" in 2006

#### WORKSHOPS/ FDP/ TRAININGS PARTICIPATED

1. Seminar on "Scientific and Technical Terminology" by Department of Higher Education, MHRD Delhi at Govt. Engineering College, Ajmer, Feb 5-6, 2014
2. "Open Source Technology" at GECA, 30 July-3 Aug 2013.
3. "TCP/IP Based Computer Network" at ECA, May 6-10 2013.
4. "Open Source Technology" at NITTR Chandigarh, Feb 18-22 2013.
5. "International Workshop on Radiation Hazards" at Department of ECE, GECA, Jan 28-29 2013.
6. "CCNA Module 3 and Module 4 Training" at CEG Jaipur, Jan 16-31 2008.
7. "CCNA Module 1 and Module 2 Training" at CRISP Bhopal, Jan 16-31 2008.
8. "Cisco Education City" at OTS Jaipur, Sept 20 2008.
9. "National Seminar on Information Security" at IIIM Jaipur, 31 Jan 2007.
10. "Multi Core Technologies and Platforms" at MNIT Jaipur, Sept 22-23 2006.
11. "IBM Tivoli Reach Training Program" by IBM at Govt. Engineering College, Ajmer in 2006.

#### MEMBERSHIPS

1. ISTE Life Time member
2. Member of International Association of Computer Science and Information Technology (IACSIT)

CERTIFICATIONS

1. **CISCO Certified Academy Instructor** 5484716CCNA
2. **CISCO Certified Network Associate** CSC011552904

MASTER'S THESIS  
GUIDED

1. S N Tazi, "Enhance Matching in Multi Dimensional Reconstruction using Stereo Image Sequences"
2. Anshuman Singh, "Time series data prediction using fuzzy data dredging"
3. Hemwati Kumawat, "Frequent Pattern Analysis For Weblog File To Improve Efficiency Of Web Usage Mining"
4. Dolly Uppal, "Exploring Behavioral Aspects of API Calls for Malware Detection and Classification"
5. Deepika Kumawat, "Part-Of-Speech Tagging Using Hidden Markov Model and Trigram Approaches in Hindi Language"
6. Garima Gupta, "Task Scheduling In Cloud Using Real Time Approach"
7. Santosh Singh, "Evaluating the Speech Quality in VOIP Network using E-Model", In Progress
8. Deepika Verma, "Edge detection by using firefly algorithm", In Progress

ADMINISTRATIVE  
RESPONSIBILITY

At College Level

- Board of Studies, Rajasthan Technical University, Kota (From 2017) Member
- QEEE Coordinator (From Jan 2017)
- Training and Placement (From July 2017) Member
- QEEE System Admin
- Library Committie Coordinator
- Campus Wide Network Committee Member
- Institute Attendance Management System Member
- Hostel Warden Warden
- Establishment of New Engineering College GWECA,ECJ committee Member
- Exam Section Committee Member
- Website incharge Coordinator
- Time Table Co Cocrdinator

At Department Level

- Exam Coordinator
- Library
- Guest Faculty Coordinator
- Seminar incharge
- Time Table

OTHER  
INFORMATION

- Successfully conducted online exams for RPSC Ajmer, NASSCOM, Railway Recruitment Board, TCS etc.
- Answer book evaluation: BCA, B.Tech, MCA, M.Tech for Rajasthan University, MDS University, Jai Narayan Vyas University Jodhpur, RTU Kota, Maharana Pratap University Udaipur.
- Question paper setting: BCA, B.Tech, MCA, M.Tech for Rajasthan University, MDS University, Jai Narayan Vyas University Jodhpur, RTU Kota, Maharana Pratap University Udaipur.

- Practical Examination: BCA, B.Tech, MCA, M.Tech for Rajasthan University, MDS University, Jai Narayan Vyas University Jodhpur, RTU Kota, Maharana Pratap University Udaipur, Bhagwant University.