List of publications by ECE/ ICE Department

2012

1. Pinki Nayak, Rekha Agarwal, Seema Verma, International Journal of Computer Applications has been accepted on "An Optimized Energy Aware Routing (OEAR) Scheme for Mobile Ad Hoc Networks using Variable Transmission Range" in International Journal of Computer Applications (IJCA), vol. 45, issue 12, May2012, pp 18-25.

2. Pinki Nayak, Rekha Agarwal, Seema Verma, International Journal "Energy Efficient Routing in Mobile Adhoc Networks based on AODV Protocol". Vol. 9, Issue No. 2, November 2012.

3. Pinki Nayak, Rekha Agarwal, Seema Verma, International Journal "Energy Aware Routing Scheme For Mobile Ad Hoc Network using Varible Range Transmission". Vol. 3, No. 4, August 2012.

4. Pinki Nayak, Bindu.E , Rekha Agarwal, Nitin Gupta, Sahil Sachdeva, Hitesh Malhotra, Ravi Goswami International Journal of Engineering and Science Research, on "Performance Comparison of Energy Consumption In AODV And DSR Routing Protocol Using On/Off Traffic" Vol.2, May 2012, pp 294-302.

5. Pinki Nayak, Bindu.E Nitin Gupta, Sahil Sachdeva, Hitesh Malhotra, Ravi Goswami, paper has been published on "Routing Schemes in Mobile Ad Hoc networks" INDIACom 2012, 23, 24 Feb, 2012, BVCIAM, New Delhi.

6. Pinki Nayak, Rekha Agarwal, Seema Verma, "An Overview of Energy Efficient Routing Protocols in Mobile Ad Hoc Network" in Journal of Research and review in Ad Hoc Networks (IJRRAN), vol. 2, No 1(2012).

7. Leena Singh, S.Tripathi, et.al, "Mouse movement using Face and Eye Tracking via Webcam to provide Computer Access for people with Severe Disabilities" International Journal of Computing, Vol-2, Issue January 2012, pp 55-58.

8. Deepak Gambhir and Mr. Navin Rajpal, paper has been accepted- March 15-17, 2012, IEEE International Conference at ISM Dhanbad, Title "Fuzzy Edge Detector Board Adoptive Quantization Image Coding: FuzzAQC". Recent Advances in Information Technology (RAIT), Mar. 2012 P-P. 101-106.

9. Deepak Gambhir and Mr. Navin Rajpal, paper has been accepted at ICCSEA-2012 to be held in May 25-27 Delhi, on "Intensity Based Adaptive Fuzzy Image Coding method: IBAFC". Advances in Computer Science Engineering & Applications, Volume 166, 2012 P.P 1013-1022.

10. **Sanjeev Kumar** et. al. paper has been published on "MEMS: Area of its Application" INDIACom 2012, 23, 24 Feb, 2012, BVCIAM, New Delhi

11. **Soumi ray, attended** 2nd International Conference on Computer, Communication, Control and Information Technology (C3IT 2012),Feb 2012 on "Error Propagation and uncertainty Evaluation for Automatic Control- A neglected part of Engineering Education".

12. **Shilpam Saxena**, Rajat Srivasthava National Conference in recent Advances in Communication , Control and Computing Technology,Surat, India, on "Recent developments in Defected Microstrip Structure", 29-30 March, 2012

13. **Shilpam Saxena**, Rajat Srivasthava, paper has been published on "Developments in Defected Microstrip Structure with variations and applications" Fervour 2012, BVCOE, New Delhi, 13 March 2012, India, 29-30 March, 2012.

14. **Nidhi Sindhwani Manchanda**, Manjeet Singh, Sanjay Sharma international conference on Communication and Electronics, KIET , Ghasiabad, 19-20 Oct 2012 on "Comparison of Variopus QPSK Schemes for space time trellis code over mimo channel".

15. **Nidhi Sindhwani Manchanda**, Manjeet Singh, Sanjay Sharma 6 International conference on advanced computing and communication technologies at APIIT SD Panipat, 3-Nov, 2012 on "An Improved Design for Space Time Trellis Code over MIMO channel".

16. **Nidhi Sindhwani, Rashmi Vashisth** , Gourav Khulbe, Mayank Jain, Gaurav Kapoor, Shivam Dhall international conference on Communication and Electronics, KIET , Ghasiabad, 19-20 Oct 2012 on "RF ID system based toll bridge"

2011

1. Vivek Singh Kushwah, paper has been accepted on "Analysis and Design of microstrip high pass filters using Artificial neural network" in the International Journal of Computer Information system and Industrial management (1JC1S1M). Paper is scheduled for the issue in volume 3.

2. Pinki Nayak, Dr. Rekha Agarwal, Seema Verma," Effect of Mobility on Energy Consumption in DSR and AODV Protocols in Mobile AdHoc Networks " International Journal of Computer science and Engineering, vol2, Issue2,October 2011.

3. Shivani Verma and Sanjay Sharma," An FPGA Realization of Simplified Turbo Decoder Architecture", International Journal of the Physical Sciences ,Vol. 6(10), pp. 2338–2347, 18 May, 2011.

4. "A Laser Diffractometer Set Up for Traceable Grating Pitch Measurement", presented in 7th International Conference on Advances in Metrology (AdMET-2009). 2. "Parameter Extraction of ECG by detecting QRS complex based on LabVIEW", presented at International Conference of Intelligent Healthcare (ICIT-2011). The paper is promised to be published in Interscience Open Access Journals.

5. Mr. Deepak Gambhir, paper has been accepted on "Design of optimized Neuro-Wavelet Based Hybrid Model for Image Compression, "Mr. Deepak Gambhir, Mr. Navin Rajpal & Mr. Vipula Singh" presented at DPPR-2011, CCIS-205, pp-96-67 2011.

6. Yugnanda et.at "Optimization of super dense WDM Systems for Capacity Enhancement" International Journal of Light and Electron Optics , December 2011.

7. Yugnanda et.al, "192 Gbps Transmission over 30km G.652 standard Fiber Using 192/to/12Gbps demultiplexer" CICN 2011, at Gwalior 6-7 Oct 2011.

8. **Rachana Nagal**, Vaibhav Narula et. Al "Assessment of Variants of LMS Algorithms for Noise Cancellation in Low and Medium frequency Signals" Proceedings of IEEE International conference on Recent Advancements in Electrical, Electronics and Control Engineering, 15-17 December 2011 , ISBN 978-1-4577-2147-2, pp 51-55.

9. **Sudhanshu Tripathi** Vaibhav Narula et. al, "Real-Time Active Noise Cancellation with Simulink and Data Acquisition Toolbox", ACEEE International Conference on Advances in Electrical and Electronics (AET-AEE,2011),), 20-21 December2011, Noida

2010

1. Vivek Singh Kushwah, paper published & presented on "performance evaluation of ANN model for the analysis of microstrip bandpass bittu" in IEEE international conference CICN-2010, R.G.P.V., Bhopal(MP), November 26-28, 2010.

2. Vivek Singh Kushwah paper published on "Design of microsoft filters using Neural Network in 2010, International conference on communication software and Networks (ICCSN 2010), February 26-28, 2010, Singapore.

3. Anurupa Lubana, presented a paper on "correlation between nRV & Respiration frequency". A renew in Beats-2010. NIT, Jalandhar, Panjab. 2010 (International conference) 17th to 19th December.

4. Manjula Vijh published a paper " Comparative study of 6T and 9T SRAM cell" in National Conference on VLSI, MEMS and NEMA (VMN-2010), 23-24 September 2010.

5. Bindu E, Pinki Nayak, Rekha Agarwal " Effect of Mutual couping Linear & Circular Antena Anay used in CDMA receiver", proceeding of Internation conference on Date Management (ICDM 2010), IMT Ghaziabad, 11-12th March 2010.

6. Bindu E, Rekha Agarwal, Pinki Nayak " Impact of sectocezation on interference & capacity in cellular CDMA system", proceedings Mobile & Enabeled Technology conference (MECON 2010), Amity University, UP 11-12th March 2010, pp 102-104.

7. Yugananda "Investigation of Effect of Narrow Channel Spacing on BER and Eye Pattern in DWDM, System for high data rates" presented in national conference in marginal trends in Elec & Comm." On 24-25 Dec, 2010 at Bhawani (Haryana).

8. Yugananda "Compressting spectral loss variation in EDFA for different modulation formats" Accepted and In press in optic-International Journal on light & electron optics August 2010.

9. Shivani Verma, Ruchi PAsriche, Sanjay Sharma & Shivani Pasriche, " Memory less Non Linear Modelling of power Amplifier" International Journal of electronic Engineering, 2(1), 2010, pp-55-58.

10. Shavani Paschriche, Sanjay Sharma, "An FPGA Redization of simplified tubo decoder Achitacture", IEEMS journal of computers and electronics, vol. 5, pp 44-53, March 2010.

2009

1. Dr. Rekha Agarwal, Bindu E., Pinki Nayak and B.V.R Reddy "On Performance of Linear Multi UseDetectors for Wireless Multi media Applications" in CCIS series-31 published by Springer, 2009, pp301 - 311.

2 Dr. Rekha Agarwal, Bindu E. and Pinki Nayak published a paper "Influence of Hot Spots in CDMA Macro Cellular Systems" in CCIS series-31 published by Springer, 2009, pp354 -355.

3　Ms. Nidhi Sindhwani, published a paper "Speech Perception & Analysis of Fluent Digits Strings Using Level by Level Time Alignment" on 19th March 2009 in the International Journal of Information Technology & Knowledge Management (IJITKM) at Kurukshetra University.

4　Mr. Rohan Gupta, published a paper on "Neural Network Based Intrusion Detection System" in the International Conference on Innovative Technologies (ICIT-09) at PDM College of Engineering & Technology Bhadurgargh from 18th-19th June 2009.

5　Shivani Pasricha and Sanjay Sharma, "FPGA based design of reed solmon codes" IJST, vol. 2 No.4 (March 2009) pp- 48-52.

6　Mr. Vivek Singh Kushwah, Ms. Nidhi Sindhwani published and presented a paper on "Connected Digits Recognition Using Distance Calculation at Each Digit" at IEEE Ist International Conference on Computational Intelligence, Communication Systems and Networks, at Hotel Lemon Tree Indore, from 23rd -25th July 2009.

7　Mr. Vivek Singh Kushwah, Ms. Shilpam Saxena Published a paper on "Design of Microstrip Patch Antennas Using Neural Network" in The ICFAI University Journal of Science & Technology, Vol 5, No. 2, pp. 59-71, June 2009.

8　Ms. Nidhi Sindhwani published a peper on RFID card reader in National Conference at Jamia Millia Islamia, Delhi.

9　Pinki Nayak, Rekha Agarwal, Bindu E "An approach to minimize the residual MAI in MMSE Multi user deketion". RJIT, (ISSN: 2041-3114), Maxwell science publication, volume, issued, Aug 2009, pp 13-16.

2008

1.　S. Tripathi, "Modelling and Simulation of a Real Time Path Planner" in "IEEE Conference TENCON 2008" held at University of Hyderabad, during 18-21 Nov, 2008.

2　R. Nagal, M. Saini, and R.Jain, "Optimal Real Time DSP Implementation of Extended Adaptive Multirate Wide Band (AMR-WB+) SpeechCodec" in proceedings of TENCON 2008, 18-21 Nov.2008.

3　S. Tripathi, et. al, "Performance Optimization of neural networks based face localization" proc. of 3rd International Conference on Advance Computing & Comm. Technology (ICACCT-08), PP. 435-439, Nov. 8-9, 2008.

4　S. Tripathi, et.al, "DSK 6713 used through MATLAB for pitch estimation", proc. of ICACCT -08 pp- 638-642, Nov. 8-9, 2008

5　N. Sindhwani, "Enhancement in video Compression" in National Conference on "Emerging Trends In software Engineering", 5-6 September 2008.

6　S.Tripathi, et.al, "PC interfaced wireless robotic moving arm" Proc. of National Seminar on emerging trends in software engineering, Sep. 5-6, 2008.

7   S. Tripathi, et.al, "An Intelligent control system for real time traffic signal using genetic algorithm" ,Proc. of National Seminar on emerging Trends in software engineering ,India, Sept.5-6, 2008.

8   Nidhi Sindhwani "Quantitative analysis of wireless network sensors" In 2nd IEEE national conference on wireless & optical comm. at pecchandel graph.

9   S. Tripathi, et.al, "Performance Optimatization for face localization using artificial neural network" Proc. of National Seminar on Artificial Intelligence and soft computing, Aug. 29-30, 2008.

10 R. Joshi et.al, "Device control through speech recognition," in proceedings of National Conference on Technology for Rural India: Challenges and Perspectives, May 31- June 1, 2008 at NSIT, Delhi.

11 V. Kushwah et al., "Calculation of Resonating frequency of a rectangular microstrip antenna using artificial Neural Network", in the Proceedings of International Conference on microwave and millimeter wave technology, ICMMT-2008.

12 S. Mishra et al., "Generation of Polarized Optical Orthogonal Codes for Multiuser Fibre Optic Networks," in proceedings of 2nd National Conference on Mathematical Techniques: Emerging paradigms for Electronics and IT Industries (MATEIT-2008).

13 Nidhi Sindhwani "Multimedia communication system based upon DSS" in 2nd IEEE national conference on wireless & optical comm. at PEC Chandigarh.

14 Ruchi Pasricha,Sanjay Sharma,Puneeet Sandhu,Shivani Verma,"Digital Predistortion in WCDMA Power Amplifier using Embedded Processor", Proceedings of *International Conference on Wireless Networks & Embedded Systems*(WECON-2008),pp 261-264, 18th – 19th October,2008.

List of Research Publications by CSE/IT Department

2012

1. Mandeep Mittal and Jaggi Chandra K (2012) "Retailer ordering policy for deteriorating items with initial inspection and allowable shortage under the condition of permissible delay in payments", *International Journal of Applied Industrial Engineering* (*IJAIE*), Vol. 1, No. 1, pp. 46-79.

2. Mandeep Mittal, Jaggi Chandra K, Khanna A. (2012), "Effects of inspection on retailer's ordering policy for deteriorating items with time-dependent demand under inflationary conditions', International Journal of Systems and Science (IJSS). (Impact Factor=0.991), Publisher : Taylor & Francises.

3. Mandeep Mittal Paper entitled "Pricing and Replenishment Policies for imperfect Quality Deterioring Items under Inflation and Permissible Delay in Payments" has been chosen to be included in a book entitled "Managed Theories and Strategic for Decision Making" that will be published by IGI Global, USA.

4. **Mandeep Mittal,** Jaggi Chandra K, Khanna A. (2012) "An EOQ model for imperfect deteriorating items with time-dependent demand under inflationary conditions"*, **International Journal of Systems and Science** (**IJSS**).*

5. **Mandeep Mittal, Jaggi Chandra K and Goel S.K.** (2012), "Credit financing in economic ordering policies for imperfect quality items with allowable shortages", communicated for publication in Applied Mathematics and Computation (AMC), Elsevier.

6. Rajesh Mehta, et.al "Watermarking of Grayscale Images in DCT Domain Using Least-Squares Support Vector Regression", International Journal of Machine Learning and Computing Vol. 2 No. 6 2012 pp. 725-728.

7. Vivek Sharma and Bashir Alam, "Unicaste Routing Protocols in Mobile ad-hoc Networks: A Survey" International Journal of computer Applications, USA, Vol.51, No. 14, pp-9-18.

8. Abhijit Kumar, Paper submitted/ communicated to IEEE International conference 2012, 2nd IEEE International conference on parallel, Distributed and grid computing Title:- "A Weighted approach for MPR selection in OLSR protocol".

9. Abhijit Kumar and Dr. Lavit Rawtani, paper presented "Question Answering System using Artificial Intelligence and Fuzzy System".

10. Shardha Porwal and Rajeev Agrawal, "An Optimum Memory Management Technique for Smart Card Applications".

11. **Vivek Sharma and Bashir Alam,** "Unicaste Routing Protocols in Mobile ad-hoc Networks: A Survey" International Journal of computer Applications, USA, Vol.51, No. 14, pp-9-18.

12. **Leena Singh,** et.al, "Mouse movement using Face and Eye Tracking via Webcam to provide Computer Access for people with Severe Disablties" International Journal of Coputing, Vol-2, Issue January 2012, pp 55-58.

2011

1. Jaggi, C.K., Goel, S.K., Mittal, M., (2011), "Economic order quantity model for deteriorating items with imperfect quality and permissible delay on payment", International Journal of Industrial Engineering Computations, Vol. 2, No. 2, pp-237-248.

2. Jaggi, C.K., Mittal, M., (2011), "Economic Order quantity model for deteriorating items with imperfect quality", Investigación Operacional. (Accepted)

3. Chandra K. Jaggi, Satish K. Goel and Mandeep Mittal , "Credit Financing in Economic Ordering Policies for Imperfect Quality Items with Allowable Shortages ",ICPQROM 2011, Feb. 6-7

4. Chandra K. Jaggi, Khanna Aditi and Mandeep Mittal , "Retailer's ordering policy for deteriorating imperfect-quality items with inflation induced demand under trade credit policy ", ICPQROM, 2011, Feb. 6-7.

5. Amar Arora Got Oracle Certified Profexximal (OCJP) Java SE 6, Programmer on September 30, 2011.

6. Abhijit Kumar, Dr. Lavit Rawtani, "Question Answering System using AI and Fiuzzy System", International conference at MES Journal of Technology & Managemnet. 12-15, May 2011.

7. Mr. Mandeep Mittal attended Seminar on "Knapsack Problem- A thrust area of Mathematics under the domain of operations research" at AUUP, Noida 28th May 2011.

8. **Mandeep Mittal,** Jaggi Chandra K and Khanna A. (2011) "Credit financing for deteriorating imperfect-quality items under inflationary conditions", *International Journal of Services Operations and Informatics (IJSOI)*, Vol. 6, No. 4, pp. 292-309.

9. **Mandeep Mittal,** Jaggi Chandra K and Goel K.S. (2011), "Pricing and replenishment policies for imperfect quality deteriorating items under inflation and permissible delay in payments", *International Journal of Strategic Decision Sciences (IJSDS)*, Vol. 2, No. 2, pp. 20-35.

10. S.Punitha,"Adaptive hybrid Repition system for caching in Manet" CIIT International journal of Wireless Communication vol.2,No.7,March 2011.

11. Bhawna ahuja,Suyash Gupta," ARMLIVE: An application utilising BeagleBoard" in national conference on Emerging trends in Mobile Technologies and Security(ETMTS-11) held at MDU,pp.62-65 on 29th   March 2011.

12. Bhawna ahuja,Suyash Gupta, Purushotam Chauhan,Indona Vinita, Luv Shorey "BlueARMStreamer-A real time streaming approach" IEEE Conference on Computational Intelligence and communication Networks held at Gwalior,pp. 1,Oct 2011.

13. Vikas Chaudhary,Anurag Mishra, Rajesh Mehta, Rampal Singh and Navin Rajpal, "Watermarking of grayscale images in DCT Domain Using Least-Squares Support Vector Regression", in IEEE International Conference on Machine Learning and Computing, in Singapore, pp.292-295, 2011.

14. Mandeep Mittal, Chandra K. Jaggi and Anuj Sharma,"A Fuzzy Inventory Model for deteriorating Items with Initial Inspection and Allowable Shortage under the Condition of   Permissible Delay

in Payment", International Conference on Applied Mathematics and Statics, December, 16-18, 2011.

15. Mandeep Mittal, Vivek Gupta and Naveen Kumar "An Economic Order Quantity Model with Defective Items and Shortages using Genetic Algorithm" National Conference on Advancements in Convergence of Technologies (NCACT), September, 8-9, 2011 at Amity University Haryana.

16. Virendra P. Vishwakarma, Sujata Pandey and M. N. Gupta , " A New Learning Algorithm for Single Layer Feedforward Neural networks", International Journal of Intelligent Systems (Under Process)

17. Virendra P. Vishwakarma, Sujata Pandey and M. N. Gupta, "Illumination Normalization using Fuzzy Filter in DCT Domain for Face Recognition", IEEE Transactions on System Man and Cybernetics (Under Process)

18. **Mandeep Mittal** and Jaggi Chandra K (2011), "Economic order quantity model for deteriorating items with imperfect quality", *Revista Invetigacion Operacional* (*RIO*), Vol. 32, No. 2, pp. 107-113.

19. **Mandeep Mittal,** Jaggi Chandra K and Khanna A. (2011) "Credit financing for deteriorating imperfect-quality items under inflationary conditions", *International Journal of Services Operations and Informatics* (*IJSOI*), Vol. 6, No. 4, pp. 292-309

2010

1. Rajesh Mehta, Anurag Mishra, Rampal Singh and Navin Rajpal, "Digital Watermarking in DCT Domain Using Finite Newton Support Vector Regression", in IEEE International Conference on Intelligent Information Hiding and Multimedia Signal Processing IIH-MSP, Oct. 2010 in Germany.

2. S.Punitha, "Hybrid Cooperative Caching Strategy for MANETs" in CIIT International journal on wireless communication, July 2010 (Accepted)

3. S.Punitha, "Binary Watermarking for Visual Cryptography" in proc. IEEE International conference NCCCT ,Oct 2010(Accepted)

4. Rajesh Mehta, Anurag Mishra, Rampal Singh and Navin Rajpal, "HVS Based Digital Image Watermarking Algorithm Implemented using Back propagation Neural Networks", in International Conference on Data Management 2010, March 11-12, 2010, Ghaziabad, India.

5. Vasuda Tiwari, Rajesh Mehta," VIDEO CONTENT AUTHENTICATION AND COPYRIGHT PROTECTION", Accepted for publication National Conference on Emerging Trends in Computer Science & Information Technology-2010, April 24, 2010, Faridabad, India

6. Vasuda Tiwari, Rajesh Mehta and Navin Rajpal, " Authentication of video data using secure hash algorithm and Digital signature scheme"--- National conference on emerging technologies and advancement in computing on May 13,2010 at Apeejay college of engg. , Sohna

7. S.Punitha "Security Policies for Mobile Programs" in Journal of Electronics and Communication, 2010(Accepted)

8. Vivek Sharma and Mohit Juneja and Priyanka Mittal and Ganesh Gupta, "Performance Model for Campus Area Network based on Mac Protocol," National Conference held at Gurgaon Institute of Engg & Technology march 2010.

9. Jaggi, C.K., Goel, S.K., Mittal, M., (2010), "Pricing and replenishment policies for imperfect quality deteriorating items under inflation and permissible delay in payments, International Journal of Strategic Decision Sciences.(Accepted).

10. Priyanka Vashisth, Anju Sharma, "Decentralised P2P Grid Resource Discovery Model in LC-Trie Structure Overlays" Proc. IEEE Conference on Parallel, Distributed and Grid Computing, (PDGC-2011), 315-318.

2009

1. Virendra P. Vishwakarma, Sujata Pandey and M. N. Gupta, "Adaptive Histogram Equalization and Logarithm Transform with Rescaled Low Frequency DCT Coefficients for Illumination Normalization," International Journal of Recent Trends in Engineering, 2009 (Accepted).

2. Ms. Yogita, "Rules + Exceptions: Automated Discovery of Comprehensible Decision Rules", in Proc. IEEE International Advance Computing Conference, 2009 (Accepted).

3. Leena Singh, et.al ," Time optimization for traffic Signal Control using Genetic Algorithm", International Journal of Recent trends in Engineering, Vol. 2, No. 2, November 2009.[ISSN: 1797-9617], Academy Publishers, Finland.

4. Mittal, M, Jaggi, C.K., "Retailer Ordering Policy for Deteriorating Items with Initial Inspection under inflation and Permissible Delay in Payments when Demand is Price Sensitive", International Conference on Quality, Reliability and Infocom Technology (ICQRIT 2009), Delhi University, Delhi on 18th Dec 2009.

5. Priyanka Vashisht, "Comparison of Various Resource Discovery Techniques in Grid Computing", International Conference as Quality, Reliability and Inpocom Technology (ICQRIT, 2009) Dec.-2009.

2008

1. Rajesh Tyagi, Anil Ahlawat and Sujata Pandey, "A new two dimensional C-V model for prediction of maximum frequency of oscillation (fmax) of deep submicron AlGaN/GaN HEMT for microwave and millimeter wave applications,"Microelectronics Journal,Vol 39, Isssue 12,pp. 1634-1641, December 2008.

2. Rajesh Tyagi, Anil Ahlawat and Sujata Pandey, "An Analytical noise model for sub quarter micrometer AlGaN/GaN microwave power HEMTs," IEEE Journal of Semiconductor Technology and Science (communicated).

3. Rajesh Tyagi, Anil Ahlawat and Sujata Pandey, " Modeling of Nanoscale GaN FET in a compact 2-D model with gate stack effects," in Proc. 26th International conference on Microelectronics(MIEL-2008), pp 229-232, Nis, Serbia, 11-14 May 2008.

4. Rajesh Tyagi, Anil Ahlawat and Sujata Pandey, "Noise analysis of 120-nanometer AlGaN/GaN microwave power HEMTs", in Proc. 2nd National Conference on mathematical techniques: emerging paradigms for electronics industries (MAIET-2008), Deen Dayal Upadhyaya College, University of Delhi, Sep. 26-28, 2008.

5. Rajesh Tyagi, Anil Ahlawat and Sujata Pandey, "An analytical 2-D compact model of sub quarter micrometer AlGaN/GaN microwave power HEMTs", in Proc. 2nd National Conference on mathematical techniques: emerging paradigms for electronics industries (MAIET-2008),Deen Dayal Upadhyaya College, University of Delhi, Sep 26-28, 2008.

6. Rajesh Tyagi, Anil Ahlawat and Sujata Pandey, "An analytical HEMT model to predict short circuit current gain by using Y-parameter of deep submicron AlGaN/GaN based microwave power HEMTs", in Proc. 3rd International Conference on Advance Computing & Communication Technologies, Panipat (Haryana), pp. 627-631, 08-09 Nov. 2008.

7. Poonam Bansal, Anuj Kant, Sumit Kumar, Akash Sharda, Shitij Gupta, "Improved Hybrid Model of HMM/GMM for Speech Recognition", Information Technologies and Knowledge, Vol. 2, pp. 69-74, 2008.

8. Poonam Bansal, Amita Dev, Shail Bala Jain, "Robust Cepstral Features Extraction in Autocorrelation Domain for Speech Recognition", Journal of Computing and Information Technology (in Press).

9. Akhilesh Tiwari, "Efficient Algorithm for Mining Association Rules Using Prime Representation" International Conference on Pervasive Computing and Governance 2008.

10. Poonam Bansal, Shail Bala Jain , Amita Dev "Optimum HMM combined with Vector Qantization for Hindi Speech word recognition", IETE Journal of Research Vol. 54 (4), 239-243, 2008.

11. Poonam Bansal, Amita Dev, Shail Bala Jain, "Normalized Autocorrelation-based features for robust speech recognition in context with noisy environment" Sadhana, Springer (Communicated).

12. Poonam Bansal, Amita Dev, Shail Bala Jain, "EFV- Better frequency domain approach for spotting of words", in Proc. International conference on advanced computing and Communication Technologies, Nov 8-9 2008, pp.344-347.

13. Virendra P. Vishwakarma, Sujata Pandey and M. N. Gupta, "An Illumination Invariant Accurate Face Recognition Using DCT Coefficients Re-scaling," Computer Vision and Image Understanding, 2008 (Communicated).

14. Virendra P. Vishwakarma et. al., "Illumination Invariant Face Recognition using Supervised and Unsupervised Learning Algorithms", in Proc. World Academy of Science, Engineering and Technology, vol. 33, pp. 595-600, Sep. 2008.

15. Virendra P. Vishwakarma, Sujata Pandey and M. N. Gupta, "Illumination Normalization under Varying Illumination Conditions using Artificial Neural Network", in Proc. 3rd International Conference on Advance Computing & Communication Technologies, Panipat (Haryana), pp. 455-460, 08-09 Nov. 2008.

16. Virendra P. Vishwakarma, Sujata Pandey and M. N. Gupta, "Pose Invariant Face Recognition using Virtual Frontal View Generation," in Proc. International Conference on Computing, Communication and Networking (ICCCN), Karur, India, 18-20 Dec. 2008.

17. Virendra P. Vishwakarma, Sujata Pandey and M. N. Gupta, "Spatial Dimension Reduction and Illumination Normalization for Accurate Face Recognition under Varying Illumination Conditions", International Journal of Computer Science, 2008 (Communicated).

18. Jaspreeti Singh: Quality Related Tool Support in Data Warehousing-A Review. National Conference ICCDE'08 , May 2008.

19. Leena Singh, "Real Time Traffic Signal Control Strategy using Genetic Algorithm", SSPCCIN, pp 167-171, Jan. 2008.

20. Parul Kalra, Amrit Nath Thulal, "Implementation of Privacy Right Mangement (PRM) using Open Digital Right Language (ODRL)", in Proc. 4th International Conference on Technology, Knowledge and Society, 18-20, January 2008.

21. Leena Singh, et.al "Performance Optimization for face localization using artificial Neural Network", in Proc. National Seminar on Artificial Intelligence and Soft Computing, August 29-30, 2008.

22. Leena Singh, et.al "An Intelligent Control System For Real Time Traffic Signal Using Genetic Algorithm", in Proc. National Seminar on Emerging Trends in Software Engineering, September 5-6, 2008.

23. Jaspreeti Singh, "Ensuring Quality in Data Warehouse Development", in Proc. National Conference on Challenges and Opportunities in IT, March 2008, pp 47-51.

24. Leena Singh, et.al "Performance Optimization of Neural Networks Based Face Localization", in Proc. 3rd International Conference on Advanced computing & Communication Technologies (ICACCT-08), pp.435-439, November 8-9, 2008.

25. Aakanksha Pandey, et al "Researching FPGA implementation of Baseband MIMO algorithms using AccelDSP", in Proc. National Conference on Recent Research Trends in Information Technology, India, March 7-8, 2008.

26. Ms. Yogita, "Some Interesting Knowledge Structures for Discovery of Decision Rules with Exceptions and Hierarchies" in Proc. International Conference Advanced Computing Technologies (ICACT2008) on 26- 27 December, 2008.

27. Vivek Sharma and Udyan Gosh, "Query Processing in distributed database System," National Conference held at IMT Gazibad 2008.

2007

1. Anil Ahlawat and Sujata Pandey, "Microwave analysis of a 70 nm InGaAs PHEMT on InP substrate for nanoscale digital IC application," Microwave Optical Technology Letter, pp. 2462-2470, vol. 49, No. 10, July 2007.

2. Anil Kumar and Sujata Pandey, "A variant of Back-propagation Algorithm for multi layer feed-forward network", in Proc. Int. Conference on Information Research & Applications (iTech 2007), June 2007 , pp 390-395.

3. Poonam Bansal, Amita Dev, Shail Bala Jain, "Enhanced feature vector set for VQ recognizer in isolated word recognition" in Proc. International conference on Information Research & Applications (iTech 2007), June 2007 , pp 390-395.

4. Poonam Bansal, Amita Dev, Shail Bala Jain, "Automatic speaker identification using vector quantization ", Asian Journal of Information Technology 6(9) 938-942, 2007.

5. Amrit Nath Thulal, T.P.Tiwari, Parul Kalra, "The Impact of Digital Right Management on digital resources in open learning environment", in Proc. International Conference on Open and Distance Education: Frontiers, Collections and Strategies, 23-25 August, 2007.

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5. Pankaj Kumar Singh, G.P.Singh, A.Aggarwal and Manander Singh, "Study of Mechanical Properties (Structure & Hardness) of Plasma Nitrided AISI 304 & AISI 316 Stainless Steel".

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3. Mr. Puran Singh "Just In Time Manufacturing and Inventry Management. & Taguchi's technique-An approach for identifying optimum surface roundness performance in CNC turning operation at M.B.U., Himachal.
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