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**Journals:**

1. V.K. Mago, P Sharma, A. Mago, J. Mago, 'Fuzzy Logic Based Expert System for the Treatment of Mobile Tooth', 'Software Tools and Algorithms for Biological Systems in Advances in Experimental Medicine and Biology, Springer, Germany'. Impact factor 2.02.
2. J. Mago, R Minhas, 'Improving Web Search Results using Explicit Measurements', 'Apeejay Journal of Computer Science and Applications', Jalandhar.
3. J. Mago, S Mago, P.S. Sandhu, 'Modelling the Protocols for an Intelligent Healthcare System', Apeejay Journal of Computer Science and Applications, Jalandhar, India, 2011, pp 19-23.
4. N. Mago, S Kakkar, J. Mago, 'An Efficient Density Based Incremental Clustering Algorithm in Data Warehousing Environment', 'Apeejay Journal of Computer Science and Applications', Jalandhar, India, 2011, pp 14-16.
5. P. Kaur, D. Thakur, J. Mago, 'Comparative Study of Derivatives Based Edge Detectors in Medical Imaging', 'Apeejay Journal of Computer Science and Applications', Jalandhar, India, 2011, pp 231-234.
6. Fuzzy Expert System to Evaluate the Quality of Service Provider in the Implementation of E-Government, {*Volume 67/Number 18 (ISBN: 973-93-80874-18-3)*}. Year of Publication: 2013. Authors: Munish Gupta, Jagmohan Mago (Impact Factor 0.814).
7. Analysis of Quality of the Design of the Object Oriented Software using Fuzzy Logic, (*iRAFIT/Number 2 (ISBN: 973-93-80867-12-4)*). Year of Publication: 2012 Authors: Jagmohan Mago, Parwinder Kaur (Impact Factor 0.814).
8. J. Mago, S. Kaur, S. Kumar (2012), 'Fuzzy Model to Analyze and Interpret Object Oriented Software Design', 'International Journal of Electrical, Electronics and Computer Engineering' 1(1), ISSN No. (Online): 2277-2626, Pg. 41-46.
9. J. Mago, P.S. Sandhu (2012), 'Analysis and Interpretation of Factors Influencing Comprehensive Quality of Students using Analytic Hierarchy Process', 'International Journal for Science and Emerging Technologies with Latest Trends' 4(1), ISSN No. (Online): 2250-3641, Pg. 59-66.
10. J. Mago, D. Kumar (2016), 'Performance Evaluation of an Academician using Fuzzy Logic: Student's Perspective', 'Journal of Computer Technology & Application' 7(1), ISSN No. 2229-6964 (online), Pg. 35-50.

11. J. Mago, N. Mago (2017), 'Fuzzy Logic Techniques for Interpreting and Evaluating Pedagogy of Teacher Behavior and Capability to Transform Knowledge into Practice', Research Cell: An International Journal of Engineering Sciences 26(1), ISSN: 2320 0332 (Online), Pg. 24-37.

#### **Refereed International Conferences:**

1. J. Mago, B. Prasad, VK Mago, K Singh, 'Formalizing the Protocols for a Multi Agent System in Health Care', International Conference on Enterprise Information Systems and Web Technologies (EISWT-08), Florida, USA, 2008, pp 198-204.
2. J. Mago, P.S. Sandhu, N Chawala, 'Bayesian Network Based Intelligent Pediatric System', 'World Academy of Science, Engineering and Technology' 49 2011, Pg. No 756-760. E-ISSN: 2010-3778.
3. J. Mago, M. Gupta, N. Chawala, 'Fuzzy Model to Analyze and Interpret Design Quality of Object Oriented Software', 'International Conference on Role of Technology in Enhancing the Quality of Higher Education' (ICRT-12), Kanya Maha Vidyalaya, Jalandhar.
4. J. Mago, P. Dhillon 'Analysis of Quality of the Design of the Object Oriented Software using Fuzzy Logic', 'International Conference on Recent Advances and Future Trends in Information Technology' (iRAFIT2012), proceedings published in the International Journal of Computer Applications (IJCA), Pg. 21-25.
5. J. Mago, P. S. Sandhu, 'Cross Fuzzy Model to Evaluate Education System in India: Teacher Student Perspective', 2<sup>nd</sup> International Conference on Computing Sciences, Elsevier, Pg. 332-337.

#### **National Conferences/Seminars/Workshops:**

1. J. Mago, P. Dhillon, 'A Novel Approach to Edge Detection using Cellular Automata', UGC sponsored National Seminar on High Performance Computing: Design, Analysis and its Applications, March 3, 2012, B.D. Arya College, Jalandhar.
2. J. Mago, 'Analysis of Time/Space Complexity of AES and DES Algorithms', UGC sponsored National Conference on Emerging and Challenging Trends in IT, February 20, 2009, M.G.S.M Janta College Kartarpur, Jalandhar.

#### **Invited Talks:**

1. Delivered a talk on 'Technology Entrepreneurship' at an Entrepreneurship Awareness Camp for the students at Apeejay Institute of Management, Jalandhar on 30<sup>th</sup> Oct. 2014.
2. Delivered a talk on 'Technology Entrepreneurship' at an Entrepreneurship Awareness Camp for the students at GNDU, College, Jalandhar on 8<sup>th</sup> Nov. 2014.

3. Delivered a talk on 'Technology Entrepreneurship' at a Faculty Development Programme at the Apeejay College of Fine Arts, Jalandhar on 1<sup>st</sup> Jan. 2015.
4. Delivered a talk on 'Technology Entrepreneurship' at a Faculty Development Programme on 'Entrepreneurship' at GNDU College Jalandhar on 20<sup>th</sup> December 2014.
5. Delivered a talk on 'Technology Entrepreneurship' at the Entrepreneurship Awareness Camp for the students at Layallpur Khalsa College, Jalandhar on 4<sup>th</sup> April, 2015.

**Books:**

1. A Gupta, N.S. Dhillon, J. Mago, A. Sharma, 'Fundamentals of DBMS' and Lakhanpal Publications, ISBN 81-89510-20-7.

**Editor Research Books:**

1. J. Mago, M. Gupta and 'Apeejay Journal of Computer Science and Applications', indexed in the Indian Science Abstracts, ISSN No.: 0974-5742.

**Grants:**

1. Grant of Rs. 2,00,000/- sanctioned by the University Grants Commission, New Delhi, has been utilised for the research work titled 'Analyzing and Interpreting Object Oriented Metrics using Soft Computing'.
2. Grant of Rs. 1,10,000/- sanctioned by the University Grants Commission, New Delhi, has been utilised for organising a National Workshop titled 'National Conference on Communication and Computing Technologies'.

**Workshops Attended:**

1. National Workshop on 'Computer Networks and Computing Technologies' (CCNT-2011), organised by the Apeejay College of Fine Arts, Jalandhar (December 22-28, 2011).
2. Faculty Development Programme (FDP) on the 'Emerging Trends of Wireless Networks in Medical Field: Issues, Challenges and Tools', sponsored by the Punjab Technical University, organised by AIMTC, Jalandhar, May 14-18, 2012.
3. Attended a two-week FDP on 'Entrepreneurship Development' organized by the GNDU College, Jalandhar at GNDU College (December 2013).
4. Attended a two-week FDP on 'Entrepreneurship Development' organised by the GNDU College, Jalandhar at Apeejay College of Fine Arts, Jalandhar (30<sup>th</sup> December, 2014 to 10<sup>th</sup> January 2015).
5. Attended a one-week 'National Workshop on Research Trends on Computations Techniques' organised by the DAV College, Jalandhar (16<sup>th</sup> April, 2015 to 22<sup>nd</sup> April, 2015).