

Dr. Suresh Jain

Dean and Professor, Computer Science & Engineering, Medi-Caps University, Indore

Ph.D. (Computer Science) M. E. (Computer Engineering), and B.E. (Civil Engineering)



Research Interests

Machine Learning, Information Retrieval, Natural Language Processing, Computer Vision

Education

B.E. (Civil Engineering), 1986, Maulana Azad National Institute of Technology, Bhopal,

M.E. (Computer Engineering), 1988, Shri G.S. Institute of Technology & Science, Indore

Ph.D. (Computer Sc.), March 2007, (Machine Learning: Investigations on Language Learning methods), Devi Ahilya University, Indore

Personal Traits:

Honesty, Integrity, Interpersonal skills. Team Builder, Courageous.

Academic Experience: (34 Years)

- Professor, Computer Sc. & Engineering (Medi-Caps University, Indore (since 01/01/2018)
- Director & Professor Computer Engineering (Prestige Institute of Engineering Management & Research, Indore (27/10/2014 – 31/12/2017) [3 Year]
- Director & Professor Computer Engineering (Sushila Devi Bansal College of Engineering, Indore (17/08/2013 – 27/10/2014) [1 Year]
- Director & Professor Computer Engineering (Sushila Devi Bansal College of Engineering, Indore (01/04/2008 – 26/07/2010, 21/12/2010 – 16/08/2013) [5 Year]
- Professor & Head Computer Engineering (Institute of Engineering & Technology, Devi Ahilya University, Indore (17/8/2007- 31/03/2008, 27/07/2010 – 20/12/2010) [1 Year]
- Reader & Head Information Technology, Institute of Engineering & Technology, Devi Ahilya University, Indore (16/05/2000- 16/8/2007) [7 Year]
- Lecturer, School of Computer Science, Devi Ahilya University, Indore (12/07/1988- 15/5/2000) [12 Year]

Awards & Scholarships

- Professor with huge potential in Engineering, Council of Academic Research and Education Organisation, 2023.
- M.P. Merit Scholarship, M.P. Government, 1981.
- Garmin Pratibhawan Scholarship, M.P Government, 1978.

Students Guided:

- PhD Students Guided: 15
- PhD Students Under Guidance: 8
- M.E./M.Tech. Students Guided: 52

Membership:

- Senior member, Computer Society of India.
- Life member, Indian Society for Technical Education.
- Life member, The Institution of Engineers (India)

Services

Member of Program Committees of Conferences

- Organizing Committee Chair, ICANI (Springer) 2018
- Program Committee Member, ISPC-08
- Convener, Computing-2005, National Conference on IT for Transforming Dreams into Reality (Computer Society of India, May 2005).
- Program Committee Member, INCA 1993.

Miscellaneous

- Dean - Faculty of Engineering, Medi-Caps University, Indore.
- Project Coordinator, Automation of Examination, IET-DAVV
- Professor i/c Student Club, IET-DAVV

Invited Papers/Talks

- “How to do research in Computer Science”, Institute of Computer Science & IT, Devi Ahilya University, Indore, 21 March 2018
- “Machine Learning Techniques & Applications”, Workshop on Machine Learning Techniques & System Biology, School of Computer Science, Devi Ahilya University, Indore, Nov 2008.
- “Information Security: Attack and Defence Mechanism”, National Conference on Information Security: Practices & Challenges, ISPC-08, G.G. University, Bilaspur, Feb 2008.
- “Multimedia Systems & Applications”, National Workshop on Recent Trends in Multimedia & Animation, Ujjain Engineering College, 16-17 April 2007.
- “Applications of Neural Networks” Mahakal Institute of Technology, Ujjain AICTE Sponsored National Seminar on Engineering Applications and Network Security using Neural Networks and Fuzzy Logic, 16-18 August 2006

Publications:

Google Scholar:

- H-index: 10 ([Link](#))
- i10-index: 11 ([Link](#))

Refereed Journals

1. Sachin Solanki, Suresh Jain, Optimized Sequence to Sequence Model for Summarizing Unstructured Text, Computer Integrated Manufacturing Systems, Vol. 28 Issue 12, pp 705-718, Dec 22. (Scopus Indexed).
2. K.C. Chandra Bandhu, R. Litoriya, P. Lowanshi, M. Jindal, L. Chouhan, Suresh Jain; Making drug supply chain secure traceable and efficient: a Blockchain and smart contract-based implementation, Multimedia Tools and Applications, Nov. 22, <https://doi.org/10.1007/s11042-022-14238-4> (Springer)
3. D. Sharma, Suresh Jain, A Model for Context-Based Similarity Measurement of Opinions by Using Dynamic Weighting Scheme, International Journal of Emerging

Trends in Engineering Research, Volume 8. No. 7, July 2020.

4. Dharmendra Sharma, Suresh Jain, Harish Nagar, "Evaluation of Pre-Processing Techniques for Information Storage and Retrieval System", Journal of Emerging Technologies and Innovative Research, Volume 5, Issue 8, August 2018.
5. Pushpraj Singh Chauhan, Sarvottam Dixit, Suresh Jain "An Enhanced Integrated Approach To increase The Hit Ratio In Web Usage Mining" International Journal of Emerging Technologies and Innovative Research, Volume 5 Issue 11, November-2018.
6. Pushpraj Singh Chauhan, Sarvottam Dixit, Suresh Jain "Concept of Prefetching and Caching in Web Usage Mining," International Journal of Computer Sciences and Engineering, Volume-6, Issue-11, Nov 2018.
7. D. Sharma, Suresh Jain, H Nagar, "Query Knowledge Optimization by using Domain Lexeme", International Journal of Research in Advent Technology, Vol.5, No.1, January 2017.
8. Sachin Patel, Suresh Jain, "Mobile Product Ranking Using Opinion Mining", International Journal of Computer & Mathematical Science, Volume 6, Issue 8, Mumbai, India, Aug2017, ISSN 2347-8527.
9. Ritesh Kumar Shah, and Suresh Jain. "Model for Information Extraction and Information Retrieval Based on Cascaded Support Vector Machine and Feature Vector Optimization" International Journal of Advance Research and Innovative Ideas in Education Volume 3 Issue 5 2017 Page 1911-1918.
10. Pushpraj Singh Chauhan, Asheesh Shah, Suresh Jain "An Integrated Approach to Predict User's Behaviour from Web transactions", International Journal of Advance Research in Science and engineering, Volume No. 6, Special Issue No. (01) Nov 2017, GKU ICRISAEM-17.
11. D. Sharma, Suresh Jain, "Recall Improvement in Information Storage and Retrieval System by Enhancing Query Knowledge", International Journal of Scientific Research in Science Engineering and Technology, page 149-152, Volume 1, Issue 3, Bangalore, India, 2015.
12. Antima Jain, Suresh Jain, "A Study of Novel Congestion control with load balancing using AOMDV routing in MANET", International Journal of Emerging Technology and Innovative Engineering Volume I, Issue 4, April 2015, ISSN: 2394 – 6598.
13. D. Sharma, S. Jain, "Evaluation of Stemming and Stop word Techniques on Text classification problem", International Journal of Scientific research in Computer science and Engineering, Issue 2, Volume 3, India 2015.
14. Antima Jain, Suresh Jain, "Congestion Control Ability of AODV and AOMDV Routing Protocols in MANET", International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 2 Issue X, October 2014, ISSN: 2321-9653.
15. Ritesh Shah and Suresh Jain. 2014. Ontology-based information extraction: An overview and a study of different approaches. International journal of computer Applications 87, 4 (2014).
16. Bhawna Nigam, Sanjiv Tokekar and Suresh Jain, Recommendations for Improving Performance and Usability of Website by Mining Weblogs, International Journal of Artificial Intelligence and Knowledge Discovery, print ISSN 2231-2021, e-ISSN 2231-0312, Vol. 4, No. 1, pp 1-6, 2014.
17. Ritesh Shah and Suresh Jain. "Ontology-based information extraction: An overview and a study of different approaches", International Journal of Computer Applications Volume 87, No. 4, 2014.
18. Bhawna Nigam, Sanjiv Tokekar and Suresh Jain, Predicting the Next Accessed Web Page Using Markov Model and Page Rank, International Journal of Data Mining and

Emerging Technologies, Print ISSN 2249-3212. Online ISSN 2249-3220, Vol. 3, No. 2, pp. 73- 80, 2013.

19. Ramesh Thakur, Suresh Jain, and Narendra S. Chaudhari “User Behavior Analysis Using Alignment Based Grammatical Inference from Web Server Access Log”. In International Journal of Future Computer and Communication (IJFCC 2013) Vol.2 (6) ISSN: 2010-3751 DOI: 10.7763/IJFCC. 2013.V2.223 pp 543-547 2013.
20. Ramesh Thakur, Suresh Jain, Narendra S. Chaudhari. “Incremental Discovery of Sequential Pattern from Semi-structured Document Using Grammatical Inference” In Proceedings Distributed Computing and Internet Technology (ICDCIT 2012) Lecture Notes in Computer Science LNCS 7154, Springer-Verlag Berlin Heidelberg ISSN 0302-9743 ISBN 978-3-642-28072-6 p 269, 2012.
21. Bhawna Nigam, Suresh Jain and Sanjeev Tokekar. Mining Association Rules from Web Logs by Incorporating Structural Knowledge of Website. International Journal of Computer Applications, Foundation of Computer Science, New York, USA, ISSN 0975 – 8887, vol. 42 No. 11, pp. 17-23, 2012.
22. N. Tapaswi and S. Jain, “Parsing Sanskrit Sentences Using Lexical Functional Grammar”, Elsevier India, 2012.
23. N. Tapaswi and S. Jain, “Treebank Based Deep Grammar Acquisition and Part-Of-Speech Tagging for Sanskrit Sentences”, Elsevier India, 2012.
24. N. Tapaswi and S. Jain, “Morphological-based Using Lexical Analysis Grammatical Constructs of Sanskrit Sentences”, International Journal IJCC, IFRSA, vol 2, issue2, pp 353-358, April 2012.
25. N. Tapaswi and S. Jain, “Morphological-Based Spellchecker for Sanskrit Sentences” , International Journal IJSTR, Vol.1, Issue 3, pp 1-4 , April 2012.
26. Hemant Makwana, Sanjay Tanwani and Suresh Jain, “Axes Re-Ordering in Parallel Coordinate for Pattern Optimization.” International Journal of Computer Applications 40(13):42-47, February 2012. Published by Foundation of Computer Science, New York, USA.
27. Ramesh Thakur, Narendra S. Chaudhari & Suresh Jain “Information Extraction from the Semi-Structured Document using Grammatical Inference”. In International Journal of Computer and Electronics Engineering(IJCEE) Vol.3 No.2 ISSN : 0975-4202 pp 131-138, 2011.
28. S.K. Shandilya and S. Jain, “An Efficient Text Analysis Algorithm for Opinion Mining”, International Journal of Advanced Engineering & Applications (IJAEA), Italy, Jan. 2011.
29. N. Tapaswi and S. Jain, “Morphological and lexical analysis of the Sanskrit sentences”, International Journal, MIT, Moradabad, vol. 1, pp. 28-31, Jan 2011.
30. Dashore P. and Jain S., “Fuzzy Metagraph and Hierarchical Modeling”, International Journal of Computer Science and engineering (IJCSE), Vol.3, No.1, pp. 435-439, Jan. -2011.
31. Dashore P. and Jain S., “Fuzzy Rule Based Expert System to Represent uncertain Knowledge of E-Commerce”, International Journal of Computer Theory and Engineering, Singapore, IJCTE, Vol.2, No.6, Dec.2010.
32. Dashore P. and Jain S. and Dashore R., “Fuzzy Metagraph and Rule Based System for Decision Making in share market”, International Journal of Computer Application (IJCA)USA, Vol.6, No.02,pp.10-13,Sep.2010.
33. S. K. Shandilya and S. Jain, “Opinion Extraction and Mining Techniques for www”, International Journal of Advanced Engineering & Applications, Italy, Vol. 4, No. 2, 2010.
34. S. Jain, S. K. Shandilya, and S. Saxena, “A Comprehensive Survey of Opinion Mining

- in Web Documents”, International Journal of Emerging Technologies and Application in Engineering, Technology and Sciences, pp.170-179, 2010.
35. Suresh Jain and N.S. Chaudhari. “Learning DFA from Characteristic Sample using Augmented Prefix Tree Automaton”, *Journal of CSI*, Vol. 36, No.3, pp. 55-64, 2006.
 36. Suresh Jain and N.S. Chaudhari. “An Incremental Algorithm for Learning DFA from Characteristic Sample”, *International Journal of Computational Intelligence Research*. ISSN 0973-1873 Vol. 3, No.4, pp. 297–312, 2007.
 37. Suresh Jain and N.S. Chaudhari. “Inference of Context Free Languages Using Positive Structural Samples”, *Varahamir Journal of Computer and Information Sciences*, Vol. 1, No. 1, pp. 183-191, 2006.

Conference/Workshops:

1. Ms. Antima Jain, Dr. Suresh Jain, Kapil Sharma, Abhishek Gaur, “Congestion Control Multipath Routing base Buffer Management Technique in MANET”, Sixth International Conference on Communication Systems and Network Technologies, 978-1-4673-9951-7/16 , 2016, IEEE, DOI 10.1109/CSNT.2016.
2. Sachin Patel, Suresh Jain, “Effective Product Ranking Using Opinion Mining”, International Conference on Advanced Computing Networking and Informatics (ICANI 18), , Technically Sponsor by Springer at Medi-Caps University, Indore. Feb 22-24, 2018.
3. D. Sharma, S. Jain, “Context-based Weighting for Vector Space Model to Evaluate the Relation between Concept and Context in Information Storage and Retrieval System”, IEEE International Conference on Computer, Communication and Control, MGI Indore, India, September 10-12, 2015.
4. D. Sharma, S Jain, “Content Sharing in Information Storage and Retrieval System Using Tree Representation of Documents”, IEEE International Conference on IT in Business, Industry and Government, Indore, India, 2014.
5. N. Tapaswi and S. Jain, Knowledge Representation of Grammatical Constructs of Sanskrit Language and Modular Architecture of ParGram”, IEEE Xplore, International Conference, ICATE 2013, Mumbai, India, January 2013.
6. N. Tapaswi and S. Jain, “Tree-Bank based deep Grammar Acquisition and Sanskrit Language to English and Hindi Language Translation through Rule Based Machine Translation Approach”, 28th M.P. Young Scientist award, 2013.
7. Tiwari, A., Jain, S., Mishra, A., & Mishra, V. (2012, September). Traffic light control by using GIS and estimated traffic load in an area. In Software Engineering (CONSEG), 2012 CSI Sixth International Conference on (pp. 1-5). IEEE.
8. N. Tapaswi and S. Jain, “Treebank Based Deep Grammar Acquisition and Part-Of-Speech Tagging for Sanskrit Sentences”, International Conference on Systems and Informatics, ICSAI 2012 Elsevier India, 2012.
9. Ramesh Thakur, Suresh Jain, Narendra S. Chaudhari, Rahul Singhai “ Information Extraction from the Un-Structured Document using Grammatical Inference and Alignment Similarity”. In Proceedings 2nd International Conference on Computer, Communication, Control and Information Technology(C3IT-2012) Sciencedirect Procedia Technology 4 (2012) Published by Elsevier Ltd. ISSN 2212-0173, pp 365 –369, 2012.
10. Ramesh Thakur, Suresh Jain, Narendra S. Chaudhari. “Incremental Discovery of Sequential Pattern from Semi-structured Document Using Grammatical Inference” In Proceedings Distributed Computing and Internet Technology (ICDCIT 2012) Lecture Notes in Computer Science LNCS 7154, Springer-Verlag Berlin Heidelberg ISSN 0302-9743 ISBN 978-3-642-28072-6 DOI: 10.1007/978-3-642-28073-3 p 269, 2012.
11. N. Tapaswi and S. Jain, Parsing Sanskrit Sentences Using Lexical Functional Grammar” IEEE Xplore, International Conference, ICSAI2012, China, pp 2636-2640, May 2012.
12. D. Sharma, S Jain, “Information Retrieval: Overview”, National Conference on Intelligent Systems”, NCIS 2012.

13. Ramesh Thakur, Narendra S. Chaudhari & Suresh Jain. "Information Extraction from the Semi-Structured Document using Grammatical Inference." In Proceedings National Conference on Emerging Research Trends in Computer Science and Engineering NCERTCSE-11 SVCE Indore, pp 32, 2011.
14. Hemant Makwana, Suresh Jain, "Clutter Reduction through Pattern based Clustering", 3rd International Conference on Computer Modeling and Simulation (ICCMS 2011) held in Mumbai (January 7-9, 2011).
15. P. Shukla, S. Tokekar, S. Jain, "A Fuzzy Deduction Graph Model for Computing with Words," IEEE-Fourth International Conference on Emerging Trends in Engineering & Technology, Mauritius, November 18-20, 2011.
16. P. Shukla, S. Tokekar, S. Jain, "Finding of FRP in Transportation Network with Fuzzy Deduction Graphs," International Conference on Computational Vision and Robotics (ICCV-2011), Bhubaneswar, August 2011, pp no. 113-118.
17. P. Shukla, S. Tokekar, S. Jain, "Online Algorithm for finding Fuzzy Reasoning Path using Parallel CYK Algorithm on a PRAM model," NCERT CSE-11, National Conference on Emerging Research Trends in Computer Science and Engineering, pp. 4-36, 18-19 November 2011.
18. P. Shukla, S. Tokekar, S. Jain, "Finding Fuzzy Reasoning Path using CYK Algorithm," IEEE International Conference on Intelligent Computing and Integrated System, ICISS 2011, October 24-26, Guillin, China.
19. Rakhi Jain, Ruhee Karve, Sonam Wadhwani, Bhawna Nigam and Suresh Jain, Focused Web Crawler for Sophisticated User, International Conference on Intelligent System and Data Processing (ICISD), G H Patel College of Engineering & Technology, Vallabh Vidyanagar, Gujarat State, India., 2011.
20. Rishabh Jain, Aprajita Pandey, Pramod Duraphe, B.Nigam, S. Jain, Performance Evaluation of PSVM Using Various Combination of Kernel Function for Intrusion Detection System, 3rd International Conference on Computer Modeling and Simulation, ICCMS, Mumbai, India, ISBN 978-81-8489-540-7, 2011.
21. Tiwari, A., Jain, S., & Mishra, A. (2011, November). Improvement in spatial queries by using fuzzy control system in spatial measurement. In Internet (AH-ICI), 2011 Second Asian Himalayas International Conference on (pp. 1-6). IEEE.
22. Bhawna Nigam and Suresh Jain, Analysis of Markov Model on Different Web Prefetching and Caching Schemes, IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), Tamilnadu College of Engineering Coimbatore, ISBN: 978-1-4244-5965-0, pp. 1-6, Dec-2010.
23. Tiwari, A., Jain, S., & Mishra, A. (2010, December). Calculating GPS Data through Base Station Transceiver. In National Conference on Software Engineering and Information Security (NCSEIS10). Acropolis Institute of Technology and Research, Indore.
24. S. K. Shandilya and S. Jain, "Automatic Extraction and Classification of Opinions of Product Reviews from Web Documents", In Proc. of Fourth International Doctoral Theses Conference, IBS University, Hyderabad, 2010.
25. Hemant Makwana, Praveen Karma, Suresh Jain, "Radial Axes- Based Visualization using HexaGlyph" IHCI 2010: Second IEEE International Conference on Intelligent Human Computer Interaction (IHCI)(Jan 15-17, 2010).
26. Tiwari, A., Jain, S., & Mishra, A. (2010, December). GIS Information Embedded with IPv4 Address. In Nation Conference on Emerging Technologies and Practices in e-Governance. C. V. Raman University, Bilaspur, Chhattisgarh.
27. Bhawna Nigam and Suresh Jain, "Generating a new model for predicting the next accessed web page in web usage mining", International Conference on Emerging Trend in Engineering & technology, ICETET, Birla Institute of Technology and Science, Pilani-K K Birla Goa Campus, ISBN: 978-0-7695-4246-1, pp. 485 – 490, Nov-2010.

28. N. Tapaswi and S. Jain, Morpheme and lexical analyzer of the Sanskrit sentences”, in National Conference, MITM, Indore, 2010.
29. P. Dashore and S. Jain, “Fuzzy Logic for Handling Uncertainty, Vagueness and Imprecision in Share Market for Decision Making” In Proc. of Conference on Software Engineering and Information Security (SEIS’09), Acropolis Institute Indore, 23-24, Oct. 2009.
30. Part of speech tagger for Sanskrit sentences “ , National Conference by BIT, Durg, C.G.,2009.
31. S. K. Shandilya and S. Jain, “Automatic Opinion Extraction from Web Documents”, In Proc. of International Conference on Computer and Automation Engineering, ICCAE '09. pp. 351–355. Digital Object Identifier 10.1109/ICCAE.2009.15, indexed by IEEE & ACM, March 2009.
32. S. K. Shandilya and S. Jain, “Opinion Extraction & Classification of Reviews from Web Documents”, In Proc. of IEEE International Advance Computing Conference, 2009, IACC 2009. pp. 924–927. Digital Object Identifier 10.1109/IADCC.2009.4809138, indexed by IEEE, March 2009.
33. Ramesh Thakur, Suresh Jain. “Automatic Learning of Structure of Technical Article in form of Semi-Structure Document”. In Proceeding of 5th national conference on Information Technology issues & Challenges Pioneer Institute of Professional Studies, Indore, 2008.
34. Suresh Jain “Information Security: Attacks and Defence Mechanisms”. In In Proceedings of the National Conference on Information Security: Practices & Challenges (ISPC-08), Guru Ghasidas University, Bilaspur, February 2008.
35. Suresh Jain and Vinod Mahor. “An Efficient Algorithm for Mining Frequent Itemsets in Streaming Environment”. In Proceedings of National Conference of Shanti Swarup Bhatnagar Award Winners, Devi Ahilya Vishwavidyalaya, Indore, March 2007.
36. Suresh Jain, Ramesh Thakur and N.S. Chaudhari. “Discovery of Sequential Pattern from Text Document”. In Proceedings of the National Conference on Intelligent Information Retrieval & Processing (NCIIRP-2006), CSI Surat Chapter Bardoli, Surat, April 2006.
37. Suresh Jain, Rajiv Dharaskar and N.S. Chaudhari. “Inference of Regular Languages Using Characteristics Samples”. In Proceedings of the National Conference on Cyber Security, Data Mining and ICT for the Society, Guru Ghasidas University, Bilaspur, January 2006.
38. Suresh Jain. “Implementation of Efficient Regular Grammar Learning Algorithm”. In Proceedings of the National Conference on IT for Transforming Dreams into Reality, Computing 2005, Computer Society of India, May 2005.
39. Kiran Patil, Suresh Jain, and J. Dholakiya, “Document Image Analysis of Printed Gujarati Text”. In Proceedings of the National Conference on IT for Transforming Dreams into Reality, Computing 2005, Computer Society of India, May 2005.
40. Kirti Mathur and Suresh Jain. “ANUGYA SAHAYAK: A Paperless e-Governance in Indore Municipal Corporation, Indore”. In Proceedings of the National Conference on IT for Transforming Dreams into Reality, Computing 2005, Computer Society of India, May 2005.
41. Suresh Jain and G. Prajapati. “Computational Learning of Context Free Languages”. In Proceedings of the National Conference i-Maze 03, IIPS, Devi Ahilya Vishwavidyalaya, Indore, Dec. 2003.
42. Suresh Jain, Computer Imaging and its applications in Biology, National Symposium on Bioinformatics”, TIPANASA, Indore, 1999.
43. Hemant Sharma and Suresh Jain. “Implementation of faster image warping algorithm for giving special effects in Movies”. In Proceedings of the National Seminar on Modern Trend in Computer Technology, Computer Society of India, 1995.
44. Deepak Padliya and Suresh Jain. “Interactive Modeling of Curves and Surfaces”, In Proceedings of National Seminar on Distributed System, Computer Society of India, 1995.
45. Suresh Jain and S.K. Chital, “Recent Trend in Geographical Information System”, In Proceedings of the Regional Workshop on Advancement in Cartography and their Social Utility, INCA 1993.
46. Suresh Jain. “Parallelism in Computer Graphics”, In Proceedings of Seminar on Parallel Computing, CSI Indore Chapter, Dec.1991.

Books:

- Introduction to Programming in Pascal - II, Nakoda Publisher, 2000.

Book Chapter:

- S. K. Shandilya and S. Jain, “Opinion Mining and Information Retrieval: Techniques for E-Commerce Handbook of Research on Ambient Intelligence and Smart Environments: Trends and Perspective”, Nak-Young Chong Japan Advanced Institute of Science and Technology, Japan Fulvio Mastrogiovanni University of Genova, Italy

Patents

- IOT BASED SYSTEM TO CONTROL AND MONITOR THREE PHASE ALTERNATING CURRENT SUBMERSIBLE MOTOR PUMP USING BLYNK APP CLOUD, Patent Office Journal No. 09/2022 Dated 04/03/2022, Government of India.

PhD Supervision (Completed)

1. Pankaj Dashore: “Representation of Uncertain Knowledge using Fuzzy Logic and Metagraph”, Computer Engineering (Faculty of Engineering), Research Center: IET, DAVV, Indore. (Supervisor), (July 2012).
2. Shishir Kumar Shandilya: “Opinion Extraction and Semantic Classification of Product Reviews from Web Documents”, Computer Engineering (Faculty of Engineering), Research Center: IET, DAVV, Indore. (Supervisor). (July 2012).
3. Ratnesh Jain: “Methodologies for Pattern Discovery from the Web Transactions”, Computer Science & Applications, Doctor Hari Singh Gour University, Sagar. (Co-supervisor) (January 2011).
4. Pragya Shukla: “Study of Optimization Algorithms using Fuzzy Approaches and their Applications”, Computer Engineering (Faculty of Engineering), Research Center: IET, DAVV, Indore. (Co-supervisor), (2014).
5. Ramesh Thakur: “Information Extraction from Semi-structured and Unstructured Data using Grammatical Inference”, Computer Engineering (Faculty of Engineering), Research Center: IET, DAVV, Indore. (November 2014).
6. Alok Tiwari: “Methodologies for Handling Spatial Queries in Three-dimensional spatial databases”, Computer Science (Faculty of Engineering Sciences), Research Center: SCS, DAVV, Indore (May 2015)
7. Ms. Namrata Tapaswi, “Knowledge Representation of Sanskrit Grammatical Constructs for Machine Translation”, Computer Science & Engineering, NIMS, University Jaipur, Rajasthan, (August 2015).
8. Hemant Makwana: “Improving the Effectiveness of Visualization Techniques for Multi-Dimensional Data Sets” Computer Engineering (Faculty of Engineering), Research Center: IET, DAVV, Indore. (2017).
9. Dharmendra Sharma, “Performance Enhancement and Customization of Information Storage and Retrieval System”, Department of Computer Science & Engineering, Faculty of Engineering & Technology, Mewar University, Chittorgarh. (July 17).
10. Bhawna Nigam: “Models for Analysis of User Behavior from User Navigation Session”, Computer Engineering (Faculty of Engineering), Research Center: IET, DAVV, Indore. (2017)
11. Sachin Patel, Opinion Extraction and Semantic Classification of Product Reviews from Web Documents, Department of Computer Science & Engineering, Faculty of Engineering & Technology, Mewar University, Chittorgarh. (March 2019).

12. Pushpraj Singh Chouhan, “An analytical study of Web Transaction Methodology for user’s behavior prediction”, Department of Computer Science & Engineering, Faculty of Engineering & Technology, Mewar University, Chittorgarh. (June 2019).
13. Antima Jain, “A Novel Congestion control with load balancing using AOMDV routing in MANET”, Department of Computer Science & Engineering, Faculty of Engineering & Technology, Mewar University, Chittorgarh. (Nov 2020)
14. Ritesh Kumar Shah, “Semantic Web Mining: Using Ontology for effective Extraction and Retrieval of Information”, Department of Computer Science & Engineering, Faculty of Engineering & Technology, Mewar University, Chittorgarh. (Feb 2021)
15. Rajesh Shah, “Utility based Web Content Mining Approaches”, Department of Computer Applications. Faculty of Computer Science & System Studies, Mewar University, Chittorgarh. (Jan 2022)

References

Dr P.K Chande, Ex Director - Narsee Monjee Institute of Management Studies, Indore - NMIMS (Deemed to be University), (Contact No. 9425012972)

Dr. N.S. Chaudhari, Professor, IIT Indore, (9422802961)

Dr. D. K. Patnaik, Vice-Chancellor, Medi-Caps University, Indore (Contact No. 9437035891)

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