Dr. Archana Thakur

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Education

- Doctor of Philosophy (Computer Science under the Guidance of Dr. Raj Kamal) from School of Computer Science & IT, Devi Ahilya Vishwavidyalaya, Indore.
- Master of Technology in Computer Science from School of Computer Science & IT, Devi Ahilya Vishwavidyalaya, Indore with 78.4%.
- Master of Science in Computer Science from School of Computer Science & IT, Devi Ahilya Vishwavidyalaya, Indore with 72.70%.

Experience

- As Senior Lecturer at School of Computer Science & IT, Devi Ahilya Vishwavidyalaya, Indore, since October 2012.
- As Lecturer at School of Computer Science & IT, Devi Ahilya Vishwavidyalaya, Indore from October 2007 to September 2012
- As Contractual Lecturer at School of Computer Science & IT, Devi Ahilya Vishwavidyalaya, Indore from August 2004 to October 2007.

Specialization

- Artificial Intelligence
- Machine Learning
- ERP
- Software Engineering
- Database technologies

Responsibilities

- Reviewer – Elsevier Journals
- Examination conduction
- Preparation of assignments for subjects taught
- Project Guide for M.Tech, MCA, M.Sc. and BCA students

- Facilitated conduction of Comprehensive Viva Voce in University examinations
- Paper setter and reviewer in University examinations

Award(s) and achievements

- Best paper presentation award for Machine learning classification techniques: A comparative study, presented in International Conference on Advances and Development in Engineering and Technology (ICADET) organized by Institute of Research and Development (IRD) India at Malwa Institute of Technology, 8th -9th of February, Indore, 2013. (Paper online in International Journal on Advanced Computer Theory and Engineering).

Strengths

- Learner
- Positive attitude
- Great zeal to acquire new knowledge
- Event management

Important Publications

- **Archana Chaudhary**, Savita Kolhe, Raj Kamal, 2016. An improved Random Forest Classifier for multi-class classification. **Elsevier Journal Information Processing in Agriculture, Volume 3, Issue 4, Pages 215-222.**
- **Archana Chaudhary**, Savita Kolhe, Raj Kamal, 2016. A hybrid ensemble for classification in multiclass datasets. **Elsevier Journal Computers and Electronics in Agriculture, Volume 124 Issue C, Pages 65-72**.
- **Archana Chaudhary**, Savita Kolhe, Raj Kamal, "Machine learning classification techniques: A comparative study", International Conference on Advances and Development in Engineering and Technology (**ICADET**) organized by Institute of Research and Development (IRD) India at Malwa Institute of Technology, 8th -9 th of February, Indore, 2013. (Awarded Best paper presentation) (Also in International Journal on Advanced Computer Theory and Engineering)
- **Archana Chaudhary**, Savita Kolhe, Raj Kamal, "Comparative Study of Machine learning techniques using WEKA", **IEEE** sponsored National Conference on Mechtronics and Computing Technology & Management (**RAMCTM-2013**) organized by Indore Institute of Science & Technology , **IEEE and VIRSA Wave Simtech**, 16th June, Indore, 2013.
- **Archana Chaudhary**, Savita Kolhe, Raj Kamal, " Performance of Machine learning techniques in teaching learning process", **IEEE** sponsored National Conference on Innovative Trends in Soft Computing (**ITSC – 2013**) organized by Oriental University, 25th – 26th of October, Indore, 2013.

- **Archana Chaudhary**, "Aspect Oriented Software Testing: A study" International Conference on Computer Science and Engineering (**ICCSE 2012**), organized by Institute for Research and Development, 28th -30th of June, Pune, 2012.
- **Archana Chaudhary**, "Usability Issues in ERP Systems", International Conference on Computer Science and Engineering (**ICCSE 2012**), organized by Institute for Research and Development, 28th -30th of June, Pune, 2012.
- **Archana Chaudhary**, Savita Kolhe, Rajkamal, "Machine learning techniques for Mobile Intelligent Systems: A study" **IEEE** International conference on Wireless Optical Communications Network (**WOCN**), organized by IIT Indore, 20th -22nd September, Indore, 2012.