



Dr. Vikas Kumar

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Publications

- 2019 **Pattern Recognition**, *Vikas Kumar, Arun K Pujari, Venkateswara Rao Kagita, and Vineet Padmanabhan*, Group Preserving Label Embedding for Multi-label Classification, *90*, pages 23–34.
- 2019 **Applied Soft Computing**, *Sowmini Devi V., Arun K Pujari, Vineet Padmanabhan, and Vikas Kumar*, A Matrix Factorization & Clustering based Approach for Transfer Learning, *85*.
- 2019 **Pattern Recognition Letters**, *Venkateswara Rao Kagita, Arun K Pujari, Vineet Padmanabhan, and Vikas Kumar*, Skyline Recommendation with Uncertain Preferences, *125*, pages 446–452.
- 2019 **CoRR**, *Venkateswara Rao Kagita, Arun K Pujari, Vineet Padmanabhan, and Vikas Kumar*, Committee Selection with Attribute Level Preferences, *arXiv:1901.10064*.
- 2019 **CoRR**, *Prasad Bhavana, Vikas Kumar, and Vineet Padmanabhan*, Block based Singular Value Decomposition Approach to Matrix Factorization for Recommender Systems, *arXiv:1907.07410*.
- 2019 **MLNLP**, *Arun K Pujari, Ansh Mittal, Anshuman Padhi, Anshul Jain, Mukesh Jadon, and Vikas Kumar*, Debiasing Gender-biased Hindi Words with Word-Embedding, Accepted.
- 2019 **ICAICE**, *Rasmikanta Pati, Vikas Kumar, and Arun K Pujari*, Gradient-Based Swarm Optimization for ICA, *Volume 1 (2019)*, pages 222–235..
- 2019 **ICMLDS**, *Nitesh Sukhwani, Venkateswara Rao Kagita, and Vikas Kumar*, Efficient computation of top-k skyline objects in data set with uncertain preferences (Accepted).
- 2019 **ECAI**, *Venkateswara Rao Kagita, Arun K Pujari, Vineet Padmanabhan, and Vikas Kumar*, Inductive Conformal Recommender System (Submitted).
- 2018 **Expert Systems with Applications**, *Vikas Kumar, Arun K Pujari, Vineet Padmanabhan, Sandeep Kumar Sahu, and Venkateswara Rao Kagita*, Multi-label Classification Using Hierarchical Embedding, *91*, pages 263–269.
- 2017 **Information Sciences**, *Venkateswara Rao Kagita, Arun K Pujari, Vineet Padmanabhan, Sandeep Kumar Sahu, and Vikas Kumar*, Conformal Recommender System, *405*, pages 157–174.

- 2017 **Pattern Recognition Letters**, *Vikas Kumar, Arun K Pujari, Sandeep Kumar Sahu, Venkateswara Rao Kagita, and Vineet Padmanabhan*, Proximal Maximum Margin Matrix Factorization for Collaborative Filtering, *86*, pages 62–67.
- 2017 **Information Sciences**, *Vikas Kumar, Arun K Pujari, Sandeep Kumar Sahu, Venkateswara Rao Kagita, and Vineet Padmanabhan*, Collaborative Filtering Using Multiple Binary MMMFs, *380*, pages 1–11.
- 2016 **PRICAI**, *Salman K. H, Arun K Pujari, Vikas Kumar, and Sowmini Devi V.*, Combining Swarm with Gradient Search for Maximum Margin Matrix Factorization, pages 167–179.
- 2016 **PRICAI**, *Venkateswara Rao Kagita, Arun K Pujari, Vineet Padmanabhan, Vikas Kumar, and Sandeep Kumar Sahu*, Threshold-based Direct Computation of Skyline Objects for Database with Uncertain Preferences, pages 193–205.
- 2015 **NCVPRIPG**, *Sandeep Kumar Sahu, Arun K Pujari, Vikas Kumar, Venkateswara Rao Kagita, and Vineet Padmanabhan*, Greedy Partitioning based Tree Structured Multiclass SVM for Odia OCR, pages 1–4.
- 2015 **ICIT**, *Sandeep Kumar Sahu, Arun K Pujari, Venkateswara Rao Kagita, Vikas Kumar, and Vineet Padmanabhan*, GP-SVM: Tree Structured Multiclass SVM with Greedy Partitioning, pages 142–147.

Experience

Assistant Professor, *Department of Computer Science*, Central University of Rajasthan, Rajasthan (January 22, 2018 - July 10, 2018).

Assistant Professor, *Department of Data Science and Analytics*, Central University of Rajasthan, Rajasthan (July 11, 2018 - July 9, 2019).

Assistant Professor, *Department of Data Science and Analytics*, Central University of Rajasthan, Rajasthan (July 11, 2019 - September 27, 2019).

Assistant Professor, *Department of Data Science and Analytics*, Central University of Rajasthan, Rajasthan (September 28, 2019 - till now).

Education

2014 – 2019 **Ph.D. in Computer Science**, *University of Hyderabad*, Hyderabad.

2011 – 2014 **Master of Computer Applications**, *Pondicherry University*, Puducherry.

2007 – 2010 **Bachelor of Computer Applications**, *IGNOU*, Patna.

2004 – 2006 **Intermediate**, *SDS College*, Kaler, PCM (Physics, Chemistry, Math).

2003 – 2004 **SSC**, *R.K.N.H.S*, Shamshernagar.

Computer skills

Good	Matlab, Python, C, C++	Passable	Octave, Java
Concepts	Machine Learning, Data Mining	Platforms	Linux, Windows

Awards and Achievements

- 2016 **Awarded Jindal Jubilee Gold Medal for Outstanding Performance in MCA.**
- 2014 **Qualified for UGC NET-JRF (Computer Science and Applications).**
- 2014 **Qualified for Graduate Aptitude Test in Engineering (Computer Science Engineering).**
- 2014 **Secured first rank in academics, MCA, Pondicherry University, Puducherry.**
- 2011 – 2014 **Received merit scholarship in academics, MCA, Pondicherry University, Puducherry.**
- 2011 **Secured 48th rank in IIT-JAM.**

Journals/Conferences Invited Reviewer

Transactions on Big Data.
Transactions on Internet and Information Systems.
Information Sciences.
International Journal of Approximate Reasoning.
Knowledge Based System.
Artificial Intelligence Review.
IEEE Access.
IEEE Intelligent Systems.
ICACIE.

References

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