Dr. Pragya Dwivedi

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Welcome to my homepage! I am an Assistant Professor in the CSE department at MNNIT Allahabad. My main research interests are in Web Personalization applications. Amongst the application domains, I am interested in E-learning Recommender Systems and Social Network Systems.

Teaching

Courses Taught:

Current Courses:

- CS 1301:Data Structure

Past Courses:

- Secure E-Commerce
- Data Mining & Warehousing
- CS702: Multimedia: July- December 2013

- CA3303: Soft Computing: July- December 2013
- CS603 E-Commerce: January-May 2013
- CS404: Unix & Shell Programming: January-May 2013

Biography:

Education

Undergraduate

- B.Tech: 7.61/10 (CSA University) B.S. Dr.Bheem Rao Ambedkar Institute of Agricultural & Technology, Etawah, Uttar Pradesh-285001

Postgraduate

- M.Tech: 8.64/9 , School of Computer & Systems Science, Jawaharlal Nehru University, , New Delhi, Delhi- 211006

Ph.D : School of Computer & Systems Science, Jawaharlal Nehru University, New Delhi, Delhi- 211006

Appointments Held

- October 19, 2012 till present Assistant Professor, Department of Computer Science & Engineering, Motilal Nehru National Institute of Technology Allahabad, India.

Others

Role & Responsibility:

- Member of Time-Table Committee
- Member of DMPC
- Hostel Warden

Area of Research Interest

The areas of my research interest include:

- Machine Learning
- Information Retrieval
- Computational Web Intelligence

Publications

Journal Papers:

Dwivedi,P and Bharadwaj, K. K. (2015). e-Learning Recommender System for a Group of Learners Based on the Unified Learner Profile Approach. *Expert System (SCIE), Wiley* Publishing, Vol. 32 (2), pp 264–276.

Kant, V and Dwivedi, P. (2015). An Evidential Trust Model for Web Services Based on Fuzzy Sets. *Procedia Computer Science*, **Elsevier**, Vol.57, pp 537–544.

Dwivedi, P and Bharadwaj, K. K. (2013). Effective Trust-aware E-learning Recommender System Based on Learning Styles and Knowledge Levels. **Journal of** *Educational Technology & Society (SSCI)*, **IEEE Educational Forum**, 2013, 16(4), 201-216.

Dwivedi, P and Bharadwaj, K. K. (2012). Group Recommender System for Learners Based on Learning Styles and Knowledge Levels. **Global Journal of Technology**, 347-352.

Book Chapters:

Parveen, R., Kant, V., Dwivedi, P. and Jaiswal, A.K. (2015). Enhancing Accuracy of Multi Criteria Recommendation Systems Using Genetic Algorithm. *Lecture Notes in Artificial Intelligence, Springer* (Accepted)

Dwivedi,P and Kamal K. Bharadwaj (2013), A Fuzzy Approach to Multidimensional Context-Aware e-Learning Recommender System, *Lecture Notes in Artificial Intelligence*, 8284,**Springer**, 600-610.

Conference Proceedings:

Kant, V and Dwivedi, P. (2015). A Fuzzy Bayesian Approach to Integrate User and Item based Collaborating Filtering for Enhanced Recommendations. In: Proc. of the IIWAS-2015, ACM, DBLP, (Accepted)

Dwivedi, P and Kamal K. Bharadwaj (2012), e-Learning Recommender System for Learners in Online Social Networks Through Association Retrieval. In: Proc. of the CUBE 2012, ACM ICPS, 678-681.

Dwivedi, P and Kamal K. Bharadwaj (2011), Effective Resource Recommendations for E-learning: A Collaborative Filtering Framework Based on Experience and Trust, In: Proc. of the CIIT, CCIS, 250, Springer-Verlag, Berlin, 166-170.

Workshop\ Conference\ Short Term course Attended:

- Attended the "*3rd International Conference on Recent Trend in Computing*"(Held at SRM-Modinagar, India, March 2015)
- Attended the "*International Workshop on Soft Computing and Applications*"(Held at South Asian University , New Delhi, India, March 2015)
- Attended the "*Eleventh International Multi Conference on Information Processing*" (Held at Visvesvaraya College of Engineering, Bangalore, India, August 2015)
- Attended the "*Short Term Training Program on Research Methodology*" (Held at MNIT-Jaipur, India, October 2015)

Reviewers:

- Review paper of Expert System Journal
- Review papers of ICCCT conference MNNIT

Thesis Supervised

M.Tech

Ashish Paul Tigga (SW): A Recommender System based on Social Factors.

Abhinav Tomar (CSE): Enhanced Multicriteria Recommender System through Interestingness measures: A similarity based Approach,

Ashwani Rathore(IS): A Multidimensional Framework for Group Recommender System.

Lokendra Pal (IS): A Collaborative Filtering Framework for Group Recommender System Using Trust and Reputation.

Mandheer Singh (CS): A Personalized Context-Aware Recommender System based on User-Item Preferences.

Manish Jaiswal (CS): Enhanced Multi-Criteria Recommender System based on AHP Approach.