

## Anjali Thukral

### **Published Research Papers:**

#### **Publications in Journals**

- Bedi, P., Thukral, A., & Banati, H. (2012). Focused Crawling of Tagged Web Resources using Ontology. *Computers and Electrical Engineering*, Elsevier, 39(2), 613–628. <http://dx.doi.org/10.1016/j.compeleceng.2012.09.009>, ISSN: 0045-7906. IF: 3.818
- Bedi, P., Thukral, A., Banati, H., Behl, A., & Mendiratta, V. (2012). A multithreaded semantic focused crawler. *Journal of Computer Science and Technology*, Springer, 27(6), 1233-1242, E-ISSN: 1860-4749 ISSN: 1000-9000 IF: 1.571
- Thukral, A., Bedi, P., & Banati, H. (2011). Ranking tagged resources using social semantic relevance. *Int. Journal of Information Retrieval Research, IGI Global*, 1(3), 15-34, ISSN: 2155-6377, E-ISSN: 2155-6385
- Thukral, A., Bedi, P., & Banati, H. (2011). Architecture to organize social semantic relevant web resources in a knowledgebase. *Int. Journal of e-Education, e-Business, e-Management and e-Learning, AIEEE*, 1(1), 45-51.

#### **Publications in Peer Reviewed Conferences**

- Thukral A, Jain A, Aggarwal M and Sharma M. (2018) Semi-automatic ontology builder based on relation extraction from textual data. 1<sup>st</sup> int. Conference on Advanced Computational and Communication Paradigms-2017 (pp. 343-350). Sikkim, India: Springer.
- Thukral, A., Datta, S., Banati, H., & Bedi, P. (2012). Informal eLearning using multi agent systems. *12th Int. Conference on Intelligent Systems Design and Application* (pp. 213-217). Kochi, India:IEEE.
- Thukral, A., Mendiratta, V., Behl, A., Banati, H., & Bedi, P. (2011). FCHC: a social semantic focused crawler. *Int. Conference on Advances in Computing and Communications* (pp. 273-284). Kochi, India: Springer.
- Thukral, A., Bedi, P., & Banati, H. (2011). Automatic organization of web resources in ontologies for Learning purpose. *Second International Conference on e-Education, e-Business, e-Management and E-Learning (IC4E 2011)* (pp. 38-44). Mumbai, India: IEEE.
- Bedi, P., Banati, H., & Thukral, A. (2010). Social semantic retrieval and ranking of eResources. *2nd Int. Conference on Advances in Recent Technologies in Communication and Computing*, (pp. 343 - 347). Kerala, India: ACEEE.
- Bedi, P., Banati, H., & Thukral, A. (2010). Use of ontology for reusing web repositories for eLearning. *In K. Elleithy et al (Ed.), Technological Developments in Networking, Education and Automation* (pp. 97-101). Netherlands: Springer.

- Thukral, A., Sharma, R., Banati, H., & Bedi, P. (2007). Modeling Roles in E-learning: MoRel. *International Conference on Advances in Computer Vision and Information Technology* (pp. 612-620) Aurangabad, India.

**Project:**

**Innovation project, COMMUNITY RADIO EXECUTIVE (CRXEC) (2016-17)**

Status: Successfully completed and submitted

About:

- Developed an automated system for Delhi University Community Radio Transmission and Management, and assessed its implementation.
- The project was awarded a grant of Rs. 5 lakhs by the University of Delhi.
- The team comprised of 3 more Project Investigators and 10 students.