

DATA FOR WEBSITE

Name: Dr. Manju Lata Joshi

Designation: Associate Professor

Specialization: Natural Language Processing(NLP), Machine Learning, Information Retrieval(IR), Ontologies, Text Mining

Experience: 16 Years

e-mail: manjulata.joshi@icfia.org

1. Publications

a. International Journals:

1. Joshi, M. L. & Kanoongo N. (2022, February). Depression detection using emotional artificial intelligence and machine learning: A closer review, *Materials Today: Proceedings Journal (SCOPUS & WoS Indexed, Q2)*, ISSN 2214-7853, 58, pp 217-226, <https://doi.org/10.1016/j.matpr.2022.01.467>.
2. Joshi, M. L., Mittal N. & Joshi N. (2021). Improving Performance of semantic Graph based Keyword Extraction and Text Summarization using Fuzzy Relations in Hindi WordNet. *Journal of Intelligent & Fuzzy Systems (SCIE, SCOPUS, WoS Indexed, Q2)*, 43(3), pp. 3771-3778, DOI: 10.3233/JIFS-212603, ISSN No. 1875-8967.
3. Joshi, M. L., Mittal N. & Joshi N.(2021, September). SGATS: Semantic Graph-based Automatic Text Summarization from Hindi Text Documents. *ACM Transactions on Asian and Low Resource Language Information Processing (SCIE, SCOPUS & WoS Indexed, Q2)*, 20(6), pp. 1-32, ISSN: 2375-4699.
4. Joshi, M. L., Mittal, N., & Joshi, N. (2021, July). SGAKE: Semantic Graph-based Automatic Keyword Extraction from Hindi Text Documents. *International Journal of Computing and Digital System. (SCOPUS, Q3)*, doi: <https://dx.doi.org/10.12785/ijcds/120130>, ISSN: 2210-142X, 12(1), pp. 367-381.
5. Joshi M. L. & Agarwal S. (2021, December). Facial Emotion Recognition using Deep Learning: A Survey. In *OORJA: An International Journal of Management & IT. ISSN: 0974-7869* 19(1). pp 7-15.
6. Joshi M. L. & Goyal D. (2019, April). Sentiment Analysis of Hindi Text: A Review. In *"RESEARCH JOURNEY" International Multidisciplinary E- Research Journal (UGC Approved)*, Special Issue 178, pp 161-164, ISSN: 2348 – 7143.
7. Joshi, M. L. (2015). A Review on Semantic Graph based Text Mining. *International Research Journal of Computers and Electronics Engineering (IRJCEE)*, Vol.3, Issue 1.
8. Sharan, A., & Joshi, M. L. (2010). An algorithm for finding document concepts using semantic similarities from WordNet ontology. *International Journal of Computational Vision and Robotics*, Inderscience Publishers, 1(2), 147-157 **(SCOPUS Indexed, Q4)**.
9. Sharan, A., & Joshi, M. L. (2010). An insight into semantic similarity aspects using WordNet. *International Journal of Information and Communication Technology*, Inderscience Publishers, 2(4), 331-341 **(SCOPUS, Q4)**.

b. National Journals

1. Bansal G. & Joshi M. L. (2021, September). Deepfake: A Systematic Review. *Kalyan Bharti (UGC-CAREList GROUP-I Journal)*. ISSN: 0976-0822 vol.36 issue VIII, pp. 71-79, Impact Factor 5.90.

c. Papers published in Conference Proceedings

i. International Conferences:

1. Mittal, N., Sharma, D., & Joshi, M. L. (2018, December). Image sentiment analysis using deep learning. In *2018 IEEE/WIC/ACM International Conference on Web Intelligence (WI)* (pp. 684-687), DOI 10.1109/WI.2018.00-11 IEEE (**SCOPUS & WoS Indexed**).
2. Joshi, M. L., Mittal, N., & Joshi, N. (2017). An Insight into Role of Wordnet and Language Network for effective IR from Hindi Text Documents. In *FIRE (Working Notes)* (pp. 158-163) (**SCOPUS**).
3. Yadav, C. S., Sharan, A., & Joshi, M. L. (2014, February). Semantic graph based approach for text mining. In *2014 International Conference on Issues and Challenges in Intelligent Computing Techniques (ICICT)* (pp. 596-601), IEEE (**SCOPUS & WoS Indexed**).
4. Sharan, A., Joshi, M. L., & Pandey, A. (2011, March). Exploiting ontology for concept based information retrieval. In *International Conference on Information Systems for Indian Languages* (pp. 157-164). Springer, Berlin, Heidelberg (**SCOPUS & WoS Indexed**).
5. Sharan, A., Imran, H., & Joshi, M. (2008, July). A trainable document summarizer using Bayesian classifier approach. In *2008 First International Conference on Emerging Trends in Engineering and Technology* (pp. 1206-1211). IEEE (**SCOPUS**).

Google Scholar Citations: <https://scholar.google.co.in/citations?user=0PwgYqQAAAAJ&hl=en>

Scopus Author Page: <https://www.scopus.com/authid/detail.uri?authorId=36456653700>

Web of Science Page: <https://www.webofscience.com/wos/author/record/AAA-3855-2019>

Vidwan Profile page: <https://vidwan.inflibnet.ac.in/profile/385896>

Education:

- Ph.D. Computer Science (2021) from Banasthali Vidyapith
- M.Tech. (Computer Science) (2008) from Banasthali Vidyapith
- M.Sc. (IT) (2005) From AAI-DU
- 'B' Level (Equivalent to MCA) (2005), from DOEACC Society

Awards & Associations

a. Awards & Achievements

- Research Supervisor, Rajasthan Technical University, Kota
- Awarded with Certificate of Appreciation for Reviewer's contribution in FICTA 2022, NIT Mizoram, India.
- Have undergone Innovation Ambassador Training (Advanced Level) conducted by MoE's Innovation Cell & AICTE Year 2021.
- Member, Organizing Committee, Women in Information Retrieval (WIRE – 2020), Conducted by IIT Kharagpur, Collocated with Forum for Information Retrieval 2020 Evaluation 2020 (FIRE – 2020).
- Member, Women in Information Retrieval (WIRE) group, IIT Kharagpur.

- Member of Board of Studies in Jaipur National University for M.Tech. (Computer Science) programme (2008-09).

b. Professional Memberships

- Member Soft Computing Research Society(SCRS)
- Special Member of BOS IIS (deemed to be University), Jaipur
- Member Secretary, Grievance Committee, ISIM, Jaipur
- Member, Technical Programme Committee, FICR-TEAS 2022, India.
- Member Technical Programme Committee, DATA'21, University of Bahrain, Bahrain.
- Member Technical Programme Committee, ANTIC-21, BHU, Varanasi, India.
- Member, Reviewer Committee, IJCDS (International Journal of Computational Digital Systems) SCOPUS indexed, Since 2020 to till now.
- Member, Technical Programme Committee, MISP 2021, NIT Arunachal Pradesh.
- Member, Reviewer Committee, Transaction on Knowledge and Data Engineering, 2019, (A Journal of IEEE Transactions on Knowledge and Date Engineering).