

List of Supervisors for the Academic Year 2020-21

Department of Computer Science

University of Delhi, Delhi-110007

| S.NO. | Name of the Supervisor | Broad Area of Research | Related Readings |
|--------------|-------------------------------|--|--|
| 1 | Dr. Archana Singhal | Text summarization, Word Sense Disambiguation (WSD) | |
| 2 | Dr. Harmeet Kaur | Identifying domain specific features from text data like tweets, feedbacks, etc. along with positive and negative words specific to that domain. | This knowledge can be used to identify improvements that users expect in the features of the domain. |
| 3 | Dr. Hema Banati | Information Retrieval | |
| 4 | Dr. Neeraj Sharma | Trust and Reputation Systems | [1]. Koutrouli E., Tsalgatidou A., "Reputation Systems Evaluation Survey", ACM Computing Surveys, Vol. 48, Issue 3, No. 35, 2016. [2]. Hoffman K., Zage D., and Nita-Rotaru C., "A Survey of Attack and Defense Techniques for Reputation Systems", ACM Computing Surveys, Vol. 42, Issue 1, 2010. [3]. Sharma NK, Gaur V. and Bedi P., "Safeguarding Buyers with Attack-Resilient Reputation Parameters". Journal of Theoretical and Applied Electronic Commerce Research, Vol. 11, Issue 1, pp. 46-66, 2016. [4]. Sharma NK, Gaur V. and Bedi P., "Distributed Multi-agent Reputation Framework for Interactions in e-market", IEEE International Conference on Fuzzy Systems 2013 (FUZZ-IEEE, 2013), Hyderabad, India: IEEE. pp. 1-8, 2013. [5]. Granatr J., Botelho A., Lessing O.R., Scalabrin E.E., Barthes J.P. and Enembreck F., "Trust and Reputation Models for Multiagent Systems", ACM Computing Surveys, Vol 48, No. 2, 2015. |
| 5 | Dr. Priti Sehgal | Block Chain Technology in Image Processing | |
| 6 | Prof. Vasudha Bhatnagar | Multi-layer Networks | |