

Address:

Dr. Tribikram Pradhan
Assistant Professor
Department of Computer Sc. and Engineering
Tezpur University
Napaam - 784 028, Tezpur, Assam, India
e-mail: tribikram14@gmail.com | tpradhan.rs.cse16@iitbhu.ac.in
Phone: +91-8887625504 | +91-8765631236

Areas of Interest:

- Recommender System
- Information Retrieval
- Knowledge Graph
- Social Network Analysis
- Data Mining
- Natural Language Processing

Qualification:

- Ph. D. in Computer Science and Engineering from Indian Institute of Technology (BHU), Varanasi, Uttar Pradesh-India in 2020
- M. Tech in Software Technology from VIT University, Vellore, Tamil Nadu-India in 2013
- B. Tech in Computer Science & Engineering from Biju Patnaik University of Technology (BPUT), Raurkela, Odisha-India in 2010

Professional Experience:

- Assistant Professor at Manipal Institute of Technology Manipal, Manipal Academy of Higher Education (MAHE) from July 2013 to January 2022

Publications:**Journals:**

- **Tribikram Pradhan**, Abhinav Kumar, Sukomal Pal. HASVRec: A modularized Hierarchical Attention-based Scholarly Venue Recommendation. In Knowledge-Based Systems, volume-204, pages-106181, 2020 (**SCI, IF 8.038**)
- **Tribikram Pradhan**, Sukomal Pal. A multi-level fusion based decision support system for academic collaborator recommendation. In Knowledge-Based Systems, volume-197, pages-105784, 2020 (**SCI, IF 8.038**)
- **Tribikram Pradhan**, Chaitanya Bhatia, Sukomal Pal. A deep neural architecture based meta-review generation and final decision prediction of a scholarly article. In Neurocomputing, volume-428, pages-218-238, 2021 (**SCI, IF 5.719**)

- **Tribikram Pradhan**, Sukomal Pal. CLAYER: An integrated framework of convolutional layer, bidirectional LSTM with attention mechanism based scholarly venue recommendation. Information Sciences, volume-559, pages-212-235, 2021 (**SCI, IF 6.795**)
- **Tribikram Pradhan**, Suchit Sahoo, Utkarsh Singh, Sukomal Pal. A Proactive Decision Support System for Reviewer Recommendation in Academia. In Expert Systems with Applications, volume- 169, pages-114331, 2021 (**SCI, IF 6.954**)
- **Tribikram Pradhan**, Sukomal Pal. A hybrid personalized scholarly venue recommender system integrating social network analysis and contextual similarity. In Future Generation Computer Systems, volume-110, pages: 1139--1166, 2020 (**SCI, IF 7.187**)
- **Tribikram Pradhan**, Sukomal Pal. CNAVER: A Content and Network-based Academic VEnue Recommender system. In Knowledge-Based Systems, volume-189, pages-105092, Elsevier, ISSN: 0950-7051, 2019 (**SCI, IF 8.038**)

Book Chapters:

- Swati Choudhary, Angkirat Singh Sandhu, **Tribikram Pradhan**. Genetic algorithm based correlation enhanced prediction of online news popularity. In Computational Intelligence in Data Mining, Advances in Intelligent Systems and Computing, volume-556, pages=133–144. (**Springer: Scopus Indexed**)
- Saakshi Gusain, Kansal Kansal, **Tribikram Pradhan**. Genetic Algorithm Based Suggestion Approach for State Wise Crop Production in India. In International Symposium on Intelligent Systems Technologies and Applications, Advances in Intelligent Systems and Computing, volume-530, pages=771–787, 2017. (**Springer: Scopus Indexed**)
- Mayank Khandelwal, Jayant Prakash, **Tribikram Pradhan**. A Novel Approach for Performance Analysis and Optimal Selection of Players in Indian Premier League Auction. In International Conference on Emerging Research in Computing, Information, Communication and Applications, volume-3, pages=347–365, Springer, New Delhi. (**Springer: Scopus Indexed**)
- Prajwal Rao, Ritvik Sachdev, **Tribikram Pradhan**. A Hybrid Approach to Rainfall Classification and Prediction for Crop Sustainability. In International Conference on Advances in Signal Processing and Intelligent Recognition Systems, Advances in Intelligent Systems and Computing, volume-425, pages=457–471, 2015. (**Springer: Scopus Indexed**)
- Ritika Chadha, Shubhankar Mayank, Anurag Vardhan, **Tribikram Pradhan**. Application of data mining techniques on heart disease prediction: a survey. In International Conference on Emerging research in computing, information, communication and applications, volume-2, pages=413–426. (**Springer: Scopus Indexed**)
- Mayank Khandelwal, Jayant Prakash, **Tribikram Pradhan**. An Analysis of Best Player Selection Key Performance Indicator: The Case of Indian Premier League (IPL). In International Conference on Intelligent Systems Technologies and Applications, Advances in Intelligent Systems and Computing, volume-384, pages=173–190, 2015. (**Springer: Scopus Indexed**)

- **Tribikram Pradhan**, Harsh Anand and Akul Goyal. A Rule Mining using THA-Hybrid Approaches of Rough Set Theory, Genetic Algorithm and Boolean Algebra. In Proceedings of the Second International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA), volume-13, pages=144–149. (**Elsevier Publications ISBN: 9789351072638**)
- **Tribikram Pradhan**, Ankit Yadav and Santosh S. Patil. An Error Detection and Correction Technique Based on Graceful Code for Data Transfer. In Proceedings of the Second International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA), volume-2, pages=159–164. (**Elsevier Publications ISBN: 9789351072638**)

Conferences etc.:

- Chaitanya Bhatia, **Tribikram Pradhan**, Sukomal Pal. MetaGen: An academic meta review generation system. In 43rd International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR 2020), Xi'an, China, 25-30 Jul 2020, pp. 1653–1656. ISBN 9781450380164 (**CORE Ranking: A***)
- Ashwini Kumar Singh, Lakshmanan Kailasam, **Tribikram Pradhan**, Deepti Gupta. Context-Aware Influential Nodes Tracking in Online Social Networks. In Pacific Asia Conference on Information Systems (PACIS) Proceedings. 12-14 July, 2021 (**CORE 2018 Ranking: A**)
- Anubhav Apurva, Aditya Singh Verma, **Tribikram Pradhan**. Relevance Feedback Based Citation Recommendation for Scholarly Publications. In International Conference on Electronics, Computing and Communication Technologies, (CONECCT), Bangalore, India, 2020, pp. 1-6. (**IEEE: Scopus Indexed**)
- Aman Chopra, Ashray Dimri, **Tribikram Pradhan**. Prediction of factors affecting amlodipine induced pedal edema and its classification. In International Conference on Advances in Computing, Communications and Informatics (ICACCI), pages=1684–1689. (**IEEE: Scopus Indexed**)
- Aakash Bhattacharya, Khatri, Riju **Tribikram Pradhan**. Prediction of factors affecting amlodipine induced pedal edema and its classification. In International Conference on Advances in Computing, Communications and Informatics (ICACCI), pages=1519–1524, 2017. (**IEEE: Scopus Indexed**)
- Anubhav Apurva, Aditya Singh Verma, **Tribikram Pradhan**. Relevance Feedback Based Citation Recommendation for Scholarly Publications. In International Conference on Electronics, Computing and Communication Technologies, (CONECCT), Bangalore, India, 2020, pp. 1-6. (**IEEE: Scopus Indexed**)
- Vignesh R, **Tribikram Pradhan**. Merge sort enhanced in place sorting algorithm. In International Conference on Advanced Communication Control and Computing Technologies (ICACCCT), pages=698–704, 2016. (**IEEE: Scopus Indexed**)
- Siddharth Sahay, Suruchi Khetarpal, **Tribikram Pradhan**. Hybrid data mining algorithm in cloud computing using MapReduce framework. In International Conference on Advanced Communication Control and Computing Technologies (ICACCCT), pages=507–511, 2016. (**IEEE: Scopus Indexed**)
- KR Sai Vineeth, and Pandey, Ayush, **Tribikram Pradhan**. A novel approach for intelligent crime pattern discovery and prediction. In International Conference on

Advanced Communication Control and Computing Technologies (ICACCCT), pages=531–538. **(IEEE: Scopus Indexed)**

- Mayank Khandelwal, Jayant Prakash, **Tribikram Pradhan**. Evaluation of IPL teams and players using association, correlation and classification rules. In International Conference on Computer, Communication and Control (IC4), pages=1–6. **(IEEE: Scopus Indexed)**
- Shivani Jakhmola, **Tribikram Pradhan**. A computational approach of data smoothening and prediction of diabetes dataset. In Proceedings of the Third International Symposium on Women in Computing and Informatics, pages=744–748, 2015. **(ACM: Scopus Indexed)**
- Shivani Jakhmola, **Tribikram Pradhan**. A new approach of controlled binning for data smoothening. In Proceedings of the Michael Faraday IET International Summit, pages=107-112. **(IET: Scopus Indexed)**
- Satvik Sachdev, Aparna Nayak, **Tribikram Pradhan**. Data hiding in halftone images using mathematical morphology and conjugate ordered dithering. In International Conference on High Performance Computing and Applications (ICHPCA), pages=1–7. **(IEEE: Scopus Indexed)**
- Arjun Chaudhary, Satvik Sachdev, **Tribikram Pradhan**. Improving performance of MANET via cooperative communication with selective cooperation method considering dynamic traffic pattern using NS2. In International Conference on High Performance Computing and Applications (ICHPCA), pages=1–5, 2014. **(IEEE: Scopus Indexed)**
- **Tribikram Pradhan**, Vaibhav Walia, Rohini Kapoor, Sameer Saran. Optimizing land use classification using decision tree approaches. In International Conference on Data Mining and Intelligent Computing (ICDMIC), pages=1–5. **(IEEE: Scopus Indexed)**
- **Tribikram Pradhan**, Satya Ranjan Mishra, Veerendra Kumar Jain. An effective way to achieve excellence in research based learning using association rules. In International Conference on Data Mining and Intelligent Computing (ICDMIC), pages=1–4. **(IEEE: Scopus Indexed)**
- **Tribikram Pradhan**, Akash Israni, Manish Sharma. Solving the 0–1 Knapsack problem using Genetic Algorithm and Rough Set Theory. In International Conference on Advanced Communications, Control and Computing Technologies, pages=1120–1125. **(IEEE: Scopus Indexed)**
- Amit Bakshi, Sudhanshu Pandey, **Tribikram Pradhan**, Ratnadip Dey. ASIC implementation of DDR SDRAM memory controller. In International Conference ON Emerging Trends in Computing, Communication and Nanotechnology (ICECCN), pages=74–78. **(IEEE: Scopus Indexed)**