

Saprativa Bhattacharjee

CC-401, CFILT Lab
Department of CSE, IIT Bombay
<https://www.cse.iitb.ac.in/~saprativa>

Education

Indian Institute of Technology Bombay PhD in Computer Science & Engineering CPI: 8.71	2023 - present
Assam University, Silchar Masters in Information Technology CPI: 8.77, Gold Medalist	2011 - 2013
Bachelors in Information Technology Grade: 82.06%, Gold Medalist	2007 - 2011
Kendriya Vidyalaya Masimpur Standard XII	2005
Grade: 83.8%, Second Rank in School Standard X	2003
Grade: 89.6%, First Rank in School	

Experience

Government Polytechnic Daman Lecturer in Information Technology HoD of Information Technology	2017 - present 2019
Sikkim Manipal Institute of Technology Assistant Professor of Information Technology	2013 - 2017
National Institute of Technology Sikkim Visiting Assistant Professor, ECE Department	2015
Indian Statistical Institute, Kolkata Research Trainee, CVPR Unit	2012 - 2013

Grants Received

1. Travel grant for attending IndoML at Goa	2024
---	------

Publications

- [1] T. Ghosal, S. K. Das, and S. Bhattacharjee, "Sentiment analysis on bengali horoscope corpus," in *2015 Annual IEEE India Conference (INDICON)*, pp. 1–6, 2015.
- [2] S. Bhattacharjee, A. Das, U. Bhattacharya, S. K. Parui, and S. Roy, "Sentiment analysis using cosine similarity measure," in *2nd IEEE International Conference on Recent Trends in Information Systems, ReTIS 2015, Kolkata, India, July 9-11, 2015*, pp. 27–32, IEEE, 2015.
- [3] T. Ghosal, V. Edithal, T. Saikh, S. Bhattacharjee, A. Ekbal, and P. Bhattacharyya, "Novelty detection in community question answering forums," in *Proceedings of the 36th Pacific Asia Conference on Language, Information and Computation, PACLIC 2022, Manila, Philippines, October 20-22, 2022* (S. Dita, A. O. Trillanes, and R. I. Lucas, eds.), pp. 525–532, De La Salle University, 2022.
- [4] A. Kumar, T. Ghosal, S. Bhattacharjee, and A. Ekbal, "Investigations on meta review generation from peer review texts leveraging relevant sub-tasks in the peer review pipeline," in *Linking Theory and Practice of Digital Libraries - 26th International Conference on Theory and Practice*

of Digital Libraries, *TPDL 2022, Padua, Italy, September 20-23, 2022, Proceedings* (G. Silvello, Ó. Corcho, P. Manghi, G. M. D. Nunzio, K. Golub, N. Ferro, and A. Poggi, eds.), vol. 13541 of *Lecture Notes in Computer Science*, pp. 216–229, Springer, 2022.

- [5] R. Verma, T. Ghosal, S. Bhattacharjee, A. Ekbal, and P. Bhattacharyya, “Revival: Towards automatically evaluating the informativeness of peer reviews,” in *Annual International ACM SIGIR Conference on Research and Development in Information Retrieval in the Asia Pacific Region, SIGIR-AP 2023, Beijing, China, November 26-28, 2023* (Q. Ai, Y. Liu, A. Moffat, X. Huang, T. Sakai, and J. Zobel, eds.), pp. 95–103, ACM, 2023.
- [6] S. Bhattacharjee, K. Shinde, T. Ghosal, and A. Ekbal, “A multi-task learning approach for summarization of dialogues,” in *Proceedings of the 15th International Conference on Natural Language Generation: Generation Challenges* (S. Shaikh, T. Ferreira, and A. Stent, eds.), (Waterville, Maine, USA and virtual meeting), pp. 110–120, Association for Computational Linguistics, July 2022.
- [7] A. Kumar, T. Ghosal, S. Bhattacharjee, and A. Ekbal, “Towards automated meta-review generation via an nlp/ml pipeline in different stages of the scholarly peer review process,” *International Journal on Digital Libraries*, pp. 1–12, 2023.

Presentations and Talks

1. Presented the paper titled “Novelty Detection in Community Question Answering Forums” in the 36th Pacific Asia Conference on Language, Information and Computation (PACLIC 36) at Manila, Philippines on 21 October 2022 [Online].
2. Presented the paper titled “Investigations on Meta Review Generation from Peer Review Texts Leveraging Relevant Sub-tasks in the Peer Review Pipeline” in The 26th International Conference on Theory and Practice of Digital Libraries (TPDL 2022) at Padua, Italy on 21 September 2022 [Online].
3. Presented the shared task paper titled “A Multi-Task Learning Approach for Summarization of Dialogues” in 15th International Natural Language Generation Conference (INLG 2022) at Maine, USA during 18-22 July 2022 [Online].
4. Conducted a hands-on session titled “Using Hugging Face Transformers for NLP Tasks on Google Colab” at Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Madhya Pradesh, India on 27 June 2022 [Online].
5. Presented the extended abstract titled “ArguMeet: An Argument Diagramming Schema for Meeting Conversations” in the Workshop on Argumentation Knowledge Graphs at AKBC 2021 on 7 October 2021 [Online].
6. Presented the paper titled “Sentiment analysis using cosine similarity measure” in the 2nd IEEE International Conference on Recent Trends in Information Systems (ReTIS 2015) at Jadavpur University, Kolkata, India during 9-11 July 2015.

Services to the Community

Reviewer

ACL Rolling Review (ARR)	2024
WIESP at AACL	2022
IEEE ICACCP	2017
Autosoft Journal	2015

References

Prof. Pushpak Bhattacharyya
 CSE Department, IIT Bombay
 pb@cse.iitb.ac.in

Prof. Biplab Banerjee
 CSRE, IIT Bombay
 bbanerjee@iitb.ac.in

Prof. Ujjwal Bhattacharya
CVPR Unit, ISI Kolkata
ujjwal@isical.ac.in

Prof. Sudipta Roy
CSE Department, Assam University, Silchar
sudipta.roy@aus.ac.in