Saprativa Bhattacharjee

CC-401, CFILT Lab
CSE Department, IIT Bombay
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Education

Indian Institute of Technology Bombay 2023 - present
PhD in Computer Science & Engineering
CPI: 8.71

Assam University, Silchar
Masters in Information Technology 2011 - 2013
CPI: 8.77, Gold Medalist
Bachelors in Information Technology 2007 - 2011
Grade: 82.06%, Gold Medalist

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 2017 - present
HoD of Information Technology 2019

Sikkim Manipal Institute of Technology 2013 - 2017
Assistant Professor of Information Technology

National Institute of Technology Sikkim 2015
Visiting Assistant Professor, ECE Department

Indian Statistical Institute, Kolkata 2012 - 2013
Research Trainee, CVPR Unit

Grants Received

1. Travel grant for attending Machine Learning Summer School at Dakar, Senegal 2025

2. ACM's travel grant for attending Pingala Interactions in Computing at Mysore, India 2024

3. Goa Government's travel grant for attending IndoML at Goa, India 2024

Publications

1. Sharath Naganna*, **Saprativa Bhattacharjee***, Biplab Banerjee, and Pushpak Bhattacharyya. 2025. "My life is miserable, have to sign 500 autographs everyday": Exposing Humblebragging, the Brags in Disguise. In Findings of the Association for Computational Linguistics: ACL 2025, pages 3838–3858, Vienna, Austria.

2. **Saprativa Bhattacharjee**, Kartik Shinde, Tirthankar Ghosal, and Asif Ekbal. 2022. A Multi-Task Learning Approach for Summarization of Dialogues. In Proceedings of the 15th International Conference on Natural Language Generation: Generation Challenges, pages 110–120, Waterville, Maine, USA.

3. **Saprativa Bhattacharjee**, Anirban Das, Ujjwal Bhattacharya, Swapan K. Parui, and Sudipta Roy. 2015. Sentiment analysis using cosine similarity measure. In Proceedings of the 2nd IEEE

International Conference on Recent Trends in Information Systems: ReTIS 2015, pages 27–32, Kolkata, India.

4. Rajeev Verma, Tirthankar Ghosal, **Saprativa Bhattacharjee**, Asif Ekbal, and Pushpak Bhattacharyya. 2023. Revival: Towards automatically evaluating the informativeness of peer reviews. In Proceedings of the Annual International ACM SIGIR Conference on Research and Development in Information Retrieval in the Asia Pacific Region: SIGIR-AP 2023, pages 95–103, Beijing, China.

5. Asheesh Kumar, Tirthankar Ghosal, **Saprativa Bhattacharjee**, and Asif Ekbal. 2024. Towards automated meta-review generation via an NLP/ML pipeline in different stages of the scholarly peer review process. International Journal on Digital Libraries, 25(3):493–504.

6. Tirthankar Ghosal, Vignesh Edithal, Tanik Saikh, **Saprativa Bhattacharjee**, Asif Ekbal, and Pushpak Bhattacharyya. 2022. Novelty detection in community question answering forums. In Proceedings of the 36th Pacific Asia Conference on Language, Information and Computation: PACLIC 2022, pages 525–532, Manila, Philippines.

7. Asheesh Kumar, Tirthankar Ghosal, **Saprativa Bhattacharjee**, and Asif Ekbal. 2022. Investigations on meta review generation from peer review texts leveraging relevant sub-tasks in the peer review pipeline. In Proceedings of the 26th International Conference on Theory and Practice of Digital Libraries: TPDL 2022, pages 216–229, Padua, Italy.

8. Tirthankar Ghosal, Sajal K. Das, and **Saprativa Bhattacharjee**. 2015. Sentiment analysis on bengali horoscope corpus. In Proceedings of the 2015 Annual IEEE India Conference: INDICON 2015, pages 1–6, New Delhi, India.

Presentations and Talks

1. Delivered an invited lecture on "A brief history of Natural Language Processing" in the AI/ML Summer School organized by Sumpin Technology Pvt. Ltd. on 16 July 2025 [Online].

2. Gave a lightning talk on our NLP for Depression work in Pingala Interactions in Computing at Mysuru, India on 25 February 2025.

3. Presented our 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].

4. Presented our 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].

5. Presented our 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].

6. Conducted a hands-on session titled "Using Hugging Face Transformers for NLP Tasks on Google Colab" at Rajiv Gandhi Proudyogiki Vishwavidyalaya, Madhya Pradesh, India on 27 June 2022 [Online].

7. Presented our 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].

8. Presented our 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 on 10 July 2015.

Services to the Community

Reviewer

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

References

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Prof. Sudipta Roy
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Last updated on: August 7, 2025