

Paramita Das, Ph.D.

📍 WB, India ✉ dasparamita1708@gmail.com ☎ +91-9038877509 in Paramita Das 🌐 paramita das

Skills

Research Interest: Machine Learning, Deep Learning, Natural Language Processing, Generative AI, Responsible AI, Algorithms.

Programming Languages: Python, Java, SQL, PySpark

Frameworks: PyTorch, TensorFlow, Keras, Scikit-Learn

Education

Indian Institute of Technology Kharagpur

Jan 2019 — March 2025

Ph.D. in Computer Science and Engineering

- **Thesis title**— Collaborative Challenges in Wikipedia and Wikidata: Striking a balance between Quality and Quantity
- **Supervisor:** Prof. Animesh Mukherjee

Indian Institute of Engineering Science & Technology Shibpur

Aug 2016 – Jun 2018

M.Tech in Computer Science and Engineering

- **CGPA:** 8.26 out of 10.0
- **Dissertation topic:** Computational Data Science

Maulana Abul Kalam Azad University of Technology, West Bengal

Aug 2011 – Jun 2015

B.Tech in Computer Science and Engineering

- **CGPA:** 9.05 out of 10.0

Higher Secondary Examination

2011

- **GPA:** 88.4%

Work Experience

Research Associate

Sept 2024 - Present

Indian Institute of Technology Kharagpur

- Working on addressing key challenges in detecting and reducing social biases in SOTA Vision-Language Models (VLMs), such as CLIP, LLaVA.

Research Intern

Apr 2022 – Jun 2022

Wikimedia Foundation

- Proposed a language-agnostic predictive model for assessing the quality of Wikipedia articles across multiple languages.
- Created a large dataset of language-agnostic features and predicted quality scores for approximately 2 billion article revisions across over 300 language editions of Wikipedia, covering revisions up to the end of 2022, using the proposed model. [🔗](#)

Project Linked Person

Sept 2018 - Dec 2018

Indian Statistical Institute, Kolkata

- Worked on addressing research challenges in Image Processing.

Publications

- **Social Biases in Knowledge Representations of Wikidata separates Global North from Global South:** *Paramita Das*, Sai Keerthana Karnam, Aditya Soni, Animesh Mukherjee, **WebSci 2025**. (Core B) [🔗](#)
- **On the effective transfer of knowledge from English to Hindi Wikipedia:** *Paramita Das*, Amartya Roy, Ritabrata Chakraborty, Animesh Mukherjee, **COLING 2025**. (Core B) [🔗](#)
- **Language-Agnostic Modeling of Wikipedia Articles for Content Quality Assessment across Languages:** *Paramita Das*, Isaac Johnson, Diego Saez-Trumper, Pablo Aragón, **ICWSM 2024**. (Core A) [🔗](#)

- **Diversity matters: Robustness of bias measurements in Wikidata:** *Paramita Das*, Sai Keerthana Karnam, Anirban Panda, Bhanu Prakash Reddy Guda, Soumya Sarkar, Animesh Mukherjee, *WebSci 2023*. (Core B) [↗](#)
- **Quality Change: Norm or Exception? Measurement, Analysis and Detection of Quality Change in Wikipedia:** *Paramita Das*, Bhanu Prakash Reddy Guda, Sasi Bhusan Seelaboyina, Soumya Sarkar, Animesh Mukherjee, *CSCW 2022*. (Core A) [↗](#)
- **When expertise gone missing: Uncovering the loss of prolific contributors in Wikipedia:** *Paramita Das*, Bhanu Prakash Reddy Guda, Debajit Chakraborty, Soumya Sarkar, Animesh Mukherjee, *ICADL 2021*. (Core A) [↗](#)
- **Mining the online infosphere: A survey:** S Adak, S Chakraborty, *Paramita Das*, M Das, A Dash, R Hazra, B Mathew, P Saha, S Sarkar, A Mukherjee, *Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery 2022*. (Impact Factor- 10.30) [↗](#)
- **REVerSum: A Multi-staged Retrieval-Augmented Generation Method to Enhance Wikipedia Tail Biographies through Personal Narratives:** Sayantan Adak, Pauras Mangesh Meher, *Paramita Das*, Animesh Mukherjee, *COLING 2025*. (Core B) [↗](#)
- **Accessibility metric for characterizing the relevance of conference papers:** *Paramita Das*, Agniv Adhikari, Abhik Mukherjee, *IEEE Region 10 Symposium (TENSYP) 2019*. [↗](#)
- **Generating a representative keyword subset pertaining to an academic conference series:** Agniv Adhikari, *Paramita Das*, Abhik Mukherjee, *Scientometrics 2019*. (Impact Factor- 3.8) [↗](#)

Other Skills

Achievements:

- Received research fellowship from MHRD, India, as financial assistance for pursuing the Ph.D.
- Qualified UGC-NET for Assistant Professor in 2018.
- Awarded scholarship by the Government of India for outstanding performance in the Higher Secondary Examination (2011).
- Elected member of the Student Senate at IIT Kharagpur for 2020 and 2021.

Teaching Experience: Social Computing, Information Retrieval, Complex Networks, Theory of Algorithms.

Extracurricular Activities: Painting, Reading books, Solving puzzles.

Reference

[Prof. Animesh Mukherjee](#) [↗](#)

Professor

Department of CSE, IIT Kharagpur

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[Diego Sáez Trumper](#) [↗](#)

Senior Research Scientist

Wikimedia Foundation

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Data and Applied Scientist 2

Microsoft IDC

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