

MEGHA SUNDRIYAL

PhD Candidate, IIIT-Delhi, India

✉ meghas@iiitd.ac.in

🐦 [@meghas_15](https://twitter.com/meghas_15)

in [/sundriyalmegha](https://www.linkedin.com/in/sundriyalmegha)

<https://scholar.google.com/citations>

(+91) 96500-28300

Career Objective

I am a dedicated final-year PhD candidate with a strong background in natural language processing research. I am committed to advancing AI through innovative research and community service. I aim to leverage my experience to tackle real-world problems while fostering the next generation of researchers. I seek to contribute to impactful projects that benefit the academic community and society.

Education

- 2020–Present **PhD, Computer Science & Engineering**, *Indraprastha Institute of Information Technology Delhi*, India.
Thesis: Genesis and Spread of Online Claims in the Context of Misinformation
Advisors: Dr Tanmoy Chakraborty and Dr Md Shad Akhtar
- 2018–20 **Master of Science, Computer Science**, *Dept of Computer Science*, University of Delhi, India.
Thesis: Fake Profile Identification in Online Social Media
Advisor: Prof. Punam Bedi
CGPA: 9.07/10
- 2015–18 **Bachelor of Science, Computer Science**, *Indraprastha College for Women*, University of Delhi, India.
CGPA: 9.09/10
- 2015 **Higher Secondary Examination**, *Central Board of Secondary Education*, Kendriya Vidyalaya Noida, India.
Percentage: 95.25%
- 2013 **Secondary Examination**, *Central Board of Secondary Education*, Kendriya Vidyalaya Noida, India.
CGPA: 10/10

Experience

- Dec'22– June'23 **Visiting Researcher**, *Mohamed bin Zayed University of Artificial Intelligence*, United Arab Emirates.
Project: Normalizing and standardizing claims in social media posts to improve fact-checking.
Advisor: Prof Preslav Nakov

Publications

Conference Proceedings

- 2023 **Megha Sundriyal**, Tanmoy Chakraborty, and Preslav Nakov. From chaos to clarity: Claim normalization to empower fact-checking. In *Findings of the Association for Computational Linguistics: Empirical Methods in Natural Language Processing (EMNLP 2023)*, pages 6594–6609, 2023.
- 2023 Shubham Mittal, **Megha, Sundriyal**, and Preslav Nakov. Lost in translation, found in spans: Identifying claims in multilingual social media. In *Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing (EMNLP 2023)*, pages 3887–3902, 2023.

- 2022 **Megha Sundriyal**, Ganeshan Malhotra, Md Shad Akhtar, Shubhashis Sengupta, Andrew Fano, and Tanmoy Chakraborty. Document retrieval and claim verification to mitigate COVID-19 misinformation. In *Proceedings of the Workshop on Combating Online Hostile Posts in Regional Languages during Emergency Situations*, Dublin, Ireland, May 2022.
- 2022 **Megha Sundriyal**, Atharva Kulkarni, Vaibhav Pulastya, Md Shad Akhtar, and Tanmoy Chakraborty. Empowering the fact-checkers! automatic identification of claim spans on twitter. In *Proceedings of the 2022 Conference on Empirical Methods in Natural Language Processing (EMNLP 2022)*, pages 7701–7715, 2022.
- 2021 **Megha Sundriyal**, Parantak Singh, Md Shad Akhtar, Shubhashis Sengupta, and Tanmoy Chakraborty. DESYR: Definition and syntactic representation based claim detection on the web. In *Proceedings of the 30th ACM International Conference on Information & Knowledge Management (CIKM 2021)*, pages 1764–1773, Online, November 2021.
- 2021 Shreya Gupta, Parantak Singh, **Megha Sundriyal**, Md. Shad Akhtar, and Tanmoy Chakraborty. LESA: Linguistic encapsulation and semantic amalgamation based generalised claim detection from online content. In *Proceedings of the 16th Conference of the European Chapter of the Association for Computational Linguistics (EACL 2021)*, pages 3178–3188, Online, April 2021.

Journals

- 2024 **Megha Sundriyal**, Harshit Choudhary, Tanmoy Chakraborty, and Md Shad Akhtar. Crowd intelligence for early misinformation prediction on social media. *IEEE Transactions on Knowledge and Data Engineering (IEEE-TKDE)*. (Under Review), 2024.
- 2023 **Megha Sundriyal**, Md Shad Akhtar, and Tanmoy Chakraborty. Leveraging social discourse to measure check-worthiness of claims for fact-checking. *IEEE Transactions on Artificial Intelligence (TAI)*. (Revision Submitted), 2023.
- 2023 Mohit Bhardwaj, **Megha Sundriyal**, Manjot Bedi, Md Shad Akhtar, and Tanmoy Chakraborty. Hostilenet: Multilabel hostile post detection in hindi. *IEEE Transactions on Computational Social Systems (TCSS)*. IEEE, 2023.

Achievement & Awards

- 2022–Present **Senior Research Fellowship (SRF)** from University Grants Commission (UGC), Ministry of Education, Government of India.
- 2020–22 **Junior Research Fellowship (JRF)** from University Grants Commission (UGC), Ministry of Education, Government of India.
- 2024 Shortlisted for **Research Week with Google, India** 2024.
- 2023 Recipient of **ACM/IARCS Travel Grant** to attend EMNLP 2023.
- 2022 Recipient of **Google Travel Grant** to attend EMNLP 2022.
- 2022 Shortlisted for **Research Week with Google, India** 2022.
- 2021 Recipient of **SIGIR Travel Grant** to attend CIKM 2021.
- 2019 Qualified **UGC-NET (University Grants Commission - National Eligibility Test)** Examination in Computer Science & Application with 99.94 percentile.
- 2015 Recipient of **CBSE Merit Scholarship** for meritorious girl students.
- 2013 Recipient of **Certificate of Merit and Monetary Prize** from Kendriya Vidyalaya Sangathan for securing 10 CGPA.

Teaching Assistantship

- Winter'22 **CSE641: Deep Learning**, Indraprastha Institute of Information Technology, Delhi, India.
- Monsoon'22 **CSE556: Natural Language Processing**, Indraprastha Institute of Information Technology, Delhi, India.

Monsoon'24 **CS90: Social Network Analysis**, National Programme on Technology Enhanced Learning (NPTEL), India.

Positions of Responsibility

- 2024 **Outreach Head**, *Shodh Club*, Indraprastha Institute of Information Technology Delhi, India.
- 2023 **Shared Task Organizer**, *CLAIMSCAN - Uncovering Truth in Social Media through Claim Detection and Identification of Claim Spans.*, FIRE 2023, Goa, India.
- 2018-20 **Class Representative**, *MCS'18*, Dept. of Computer Science, University of Delhi, India.
- 2016-17 **Union Member**, *Indraprastha College for Women*, University of Delhi, India.
- 2016-17 **Website In-charge**, *Indraprastha College for Women*, University of Delhi, India.
- 2016-17 **Campus Ambassador**, *Date with Development (DwD)*, Leaders for Tomorrow Foundation, Delhi, India.
- 2015-16 **Creative Team Head**, *IPCW-Leaders for Tomorrow Foundation*, Delhi, India.
- 2014-15 **Publication Captain**, *Kendriya Vidyalaya Noida*, India.
- 2012-13 **Discipline Captain**, *Kendriya Vidyalaya Noida*, India.

Community Service

Reviewer, Served as a reviewer for several prestigious conferences, including EACL, CIKM, EMNLP, ACL, etc.

Volunteer, Volunteered at several prominent conferences, including EACL 2021, CIKM 2021, ICON 2022, and EMNLP 2022.

Mentorship, Supervised nine undergraduate and one master's thesis.