Suman **Adhya**

Ph.D. in NLP, Indian Association for the Cultivation of Science

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🏛 Education

Starting **Oct 2020**	**Indian Association for the Cultivation of Science** Ph.D. from the School of Mathematical & Computational Sciences (SMCS)	**Kolkata, INDIA**
Aug 2018 **Jul 2020**	**Indian Association for the Cultivation of Science** M.Sc. in Mathematics & Computing from SMCS	**Kolkata, INDIA**
2015 **2018**	**University of Calcutta** B.Sc.(Hons.) in Mathematics from Serampore College	**Kolkata, INDIA**

📄 Publications   C=Conference, W=Workshop

[C] Do Neural Topic Models Really Need Dropout? Analysis of the Effect of Dropout in Topic Modeling
Suman Adhya, Avishek Lahiri, and Debarshi Kumar Sanyal
[Just Accepted] European Chapter of the Association for Computational Linguistics   **[EACL'23]**

[C] Improving Neural Topic Models with Wasserstein Knowledge Distillation
Suman Adhya and Debarshi Kumar Sanyal
[Just Accepted] European Conference on Information Retrieval   **[ECIR'23]**

[C] Improving Contextualized Topic Models with Negative Sampling
Suman Adhya, Avishek Lahiri, Debarshi Kumar Sanyal, and Partha Pratim Das
[Just Accepted] International Conference on Natural Language Processing   **[ICON'22]**

[W] What Does the Indian Parliament Discuss? An Exploratory Analysis of the Question Hour in the Lok Sabha [%]
Suman Adhya and Debarshi Kumar Sanyal
Workshop on Natural Language Processing for Political Sciences, LREC, Marseille, France   **[PoliticalNLP @ LREC'22]**

💬 Talks

> ICON 2022 Paper Presentation 📄   December 2022   (IIIT-Delhi, New Delhi, INDIA)
> PoliticalNLP @ LREC 2022 Poster Presentation   June 2022   (Remote)

🏆 Honours and Awards

Innovation in Science Pursuit for Inspired Research (INSPIRE), DST, 2015 [◉] : Awarded for pursuing higher education in science.

▤ Teaching Assistant

Laboratory - Numerical methods (PHS4211), IACS Kolkata   *Teaching Assistant*   January - June, 2021
> Responsibilities included setting and evaluating lab assignments.

</> Open Source Contributions

> **Do Neural Topic Models Really Need Dropout? Analysis of the Effect of Dropout in Topic Modeling**: [⌂]
> **Improving Neural Topic Models with Wasserstein Knowledge Distillation**: [⌂]
> **Improving Contextualized Topic Models with Negative Sampling**: [⌂]

👥 Academic Service

Reviewer	ACL'23, EMNLP'22
PC member	PoliticalNLP'22 [◉]

❝ References

> Dr. Debarshi Kumar Sanyal .... *Assistant Professor, IACS, INDIA* [◉]
> Dr. Partha Basuchowdhuri .... *Assistant Professor, IACS, INDIA* [◉]
> Dr. Rajarshi Ray .... *Assistant Professor, IACS, INDIA* [◉]