

Sahinur Rahman Laskar




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Education

- 2019 – present  **Ph.D., CSE** National Institute of Technology, Silchar, India
Field of Study: Machine Translation, *Natural Language Processing*.
Current Status: Thesis submitted on 31st January 2023. Likely to be awarded on 18th July, 2023.
Supervisor: Dr. Partha Pakray, Assistant Professor, NIT Silchar, India. Co-Supervisor: Prof. Sivaji Bandyopadhyay, (Former Professor & Director, NIT Silchar), Professor, Jadavpur University, Kolkata India.
- 2013 – 2015  **M.Tech., IT (7.76)** Assam University Silchar, India
Field of Study: Information Retrieval, *Natural Language Processing*.
- 2007 – 2011  **B.E., CSE (65.32%)** Assam Engineering College, Guwahati, India

Research Interest

Machine Translation, Natural Language Processing, Deep Learning, Machine Learning.

Programming Skills

Python, Java, C, C++, HTML, JavaScript, PHP, MySQL.

Work Experience and Responsibility

- Working as an Assistant Professor in SoCS, UPES (NIRF#52), Dehradun since 09/02/2023 to present.
- Organizer of Shared Task: Low-Resource Indic Language Translation, EMNLP 2023 EIGHTH CONFERENCE ON MACHINE TRANSLATION (WMT23), Link: <http://www2.statmt.org/wmt23/indic-mt-task.html>
- Worked as a Guest Faculty/Lecturer on contractual position (3 years 4 months) at Assam University (CSE Department), Silchar, India and M.H.C.M Science College, Algapur (CS Department), Silchar, India
- Worked as a Junior Research Fellow (JRF) at Assam University, Silchar, India from 03/08/2015 to 31/01/2016.
- Guest speaker for demonstration of Deep Learning for Machine Translation on 29/06/2021 at Faculty development Program on Deep Learning for Natural Language Processing (DL-NLP 2021), Department of CSE and IT, Jaypee Institute of Information Technology, Noida, India.
- Worked as a student volunteer in a conference on "International Conference on Big Data, Machine Learning and Applications (BigDML 2019)" held from 16/12/2019 to 19/12/2019.
- Worked as a student volunteer in a workshop on "Deep Learning Techniques and Tools: An Academic and Industrial Approach" held from 08/04/2019 to 12/04/2019.

Research Participation and Achievement

- Participated in Shared Task: Propaganda Detection in Arabic at WANLP, EMNLP-2022, Our team name: CNLP-NITS-PP and achieved 3rd rank position in subtask-1. Result Link: <https://sites.google.com/view/propaganda-detection-in-arabic/results?authuser=0>
- Participated in Shared Task: Code-mixed Machine Translation (MixMT), EMNLP 2022 Sixth Conference on Machine Translation (WMT22). Our Team: CNLP-NITS-PP.
- Participated in Shared Task: WAT2022 The 9th Workshop on Asian Translation - “Indic-task: MultiIndicMT”. Our Team name: CNLP-NITS-PP.
- Participated in Shared Task: WAT2022 The 9th Workshop on Asian Translation - “Multi-Modal Translation Task for English to Bengali”. Achieved best results. Our Team name: CNLP-NITS-PP. Link: <http://lotus.kuee.kyoto-u.ac.jp/WAT/evaluation/list.php?t=235&o=7>.
- Participated in Shared Task: WAT2022 The 9th Workshop on Asian Translation - “Multi-Modal Translation Task for English to Hindi”. Achieved Second best results. Our Team name: CNLP-NITS-PP. Link: <http://lotus.kuee.kyoto-u.ac.jp/WAT/evaluation/list.php?t=96&o=7>
- Achieved best paper award presenter at 10th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2022) June 18-19, 2022. Paper Title: "Improving English-Assamese Neural Machine Translation using Transliteration-based Approach" Link: https://ficta.org/assets/doc/FICTA-2022_List%20of%20Best%20Paper%20Awards.pdf
- Participated in Shared Task: Similar Language Translation, EMNLP 2021 Sixth Conference on Machine Translation (WMT21). Our Team: CNLP-NITS, achieved 4th rank for Tamil to Telugu and 6th rank for Telugu to Tamil.
- Participated in Shared Task: WAT2021 The 8th Workshop on Asian Translation - “Multi-Modal Translation Task for English to Hindi”. Our Team name: CNLP-NITS-PP.
- Participated in NLP HACK 2021 organized by CIE IIIT Hyderabad, India, April 2-3, 2021. Team Name: CNLP- NITS-PP.
- Participated in Shared Task: Fake News Detection in the Urdu Language (UrduFake) – FIRE 2020. Our Team name: CNLP-NITS and achieved 2nd rank.
- Participated in Shared Task: Similar Language Translation, EMNLP 2020 Fifth Conference on Machine Translation (WMT2020). Our Team: NITS-CNLP, achieved 10th rank for Hindi to Marathi and 15th rank for Marathi to Hindi.
- Participated in Shared Task: WAT2020, The 7th Workshop on Asian Translation - “Multi-Modal Translation Task for English to Hindi”. Our Team name: CNLP-NITS.
- Participated in Shared Task: 3rd Workshop on Technologies for MT of Low Resource Languages (LoResMT 2020) on zero-shot NMT: Russian-Hindi.
- Participated in Shared Task: Similar Language Translation, ACL 2019: Fourth Conference On Machine Translation (WMT2019), August 1-2, 2019 Florence, Italy – Our Team: NITS-CNLP, achieved the best result for Nepali-Hindi language pair, achieved first rank for both Hindi-to-Nepali and Nepali-to-Hindi translation.
- Participated in Shared Task: WAT2019 The 6th Workshop on Asian Translation – “Multi-Modal Translation Task”, Evaluation Week: Aug 03-10, 2019, and November 3-4, 2019: WAT2019 takes place. Our Team name: 683, achieved first rank.

Research Publications

Patent (2)

Journal Articles (8) (4 SCIE, 4 SCOPUS)

Conference/Workshop Proceedings (27)

Book Chapters (2)

List of Publications Link:

https://sahinurlaskar.github.io/List_publication_SRL.pdf

Reviewer

- Journal of Experimental and Theoretical Artificial Intelligence (TETA)
- Transactions on Asian and Low-Resource Language Information Processing (TALLIP)
- Natural Language Engineering Journal (NLE)
- International Conference on Intelligence Computing Systems and Applications (ICICSA-2022) (Springer)
- IEEE, SILCON-2022
- Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN 2022)

Visibility: Google Scholar and ResearchGate

Google Scholar Link:

<https://scholar.google.com/citations?user=fbqD9i8AAAAJ&hl=en&authuser=2>

Citations: 199; h-index: 9; i10-index: 9 (Accessed on 13/07/2023)

ResearchGate Link: <https://www.researchgate.net/profile/Sahinur-Laskar>

Citations: 135; h-index: 6; Research Interest Score: 136.5 (Accessed on 13/07/2023)

Membership

IEEE Student and Young Professionals.