


# Dr. Sahinur Rahman Laskar




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## Education

- 2019 – 2023  **Ph.D., CSE** National Institute of Technology, Silchar, India  
Field of Study: Machine Translation, *Natural Language Processing*.
- 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 at 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.
- List of Work Experience and Responsibility Link:**  
<https://sahinurlaskar.github.io/Work-Experience-Responsibility.pdf>

## Research Participation and Achievement

Participated in different machine translation shared tasks like WMT, WAT, and LoResMT in the past several years and achieved benchmark results.

**List of Research Participations and Achievements Link:**

<https://sahinurlaskar.github.io/Participation-Achievement.pdf>

## Research Publications

**Patent (2)**

**Journal Articles (11) (7 SCIE, 4 SCOPUS)**

**Conference/Workshop Proceedings (29)**

## Book Chapters (2)

### Best 4 Journal Articles

- 1 **Laskar, Sahinur Rahman**, Paul, B., Dadure, P., Manna, R., Pakray, P., & Bandyopadhyay, S. (2023). English-assamese neural machine translation using prior alignment and pre-trained language model. *Computer Speech Language Journal (SCIE)* (Impact Factor: 3.252).  
doi:<https://doi.org/10.1016/j.csl.2023.101524>
- 2 **Laskar, Sahinur Rahman**, Khilji, A. F. U. R., Pakray, P., & Bandyopadhyay, S. (2022). Improved neural machine translation for low-resource english-assamese pair. *Journal of Intelligent Fuzzy Systems (SCIE)* (Impact Factor: 2), 42, 4727–4738. doi:<https://doi.org/10.3233/JIFS-219260>
- 3 **Laskar, Sahinur Rahman**, Pakray, P., & Bandyopadhyay, S. (2022). Investigation of negation effect for english-assamese machine translation. *Indian Academy of Sciences (Sadhana) (SCIE)* (Impact Factor: 1.188), 47(4), 1–11. doi:<https://doi.org/10.1007/s12046-022-01965-5>
- 4 Khilji, A. F. U. R., Manna, R., **Laskar, Sahinur Rahman**, Pakray, P., Das, D., Bandyopadhyay, S., & Gelbukh, A. (2021). CookingQA: Answering questions and recommending recipes based on ingredients. *Arabian Journal for Science and Engineering (SCIE)* (Impact Factor: 2.807), 46(4), 3701–3712.  
doi:<https://doi.org/10.1007/s13369-020-05236-5>

### List of Publications Link:

[https://sahinurlaskar.github.io/List\\_publication\\_SRL.pdf](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)
- International Conference on Machine Learning and Data Engineering (ICMLDE-2023)

### Visibility: Google Scholar and ResearchGate

- Google Scholar Link: <https://scholar.google.com/citations?user=fbqD9i8AAAAJ&hl=en&authuser=2>  
Citations: 255; h-index:10; i10-index:11 (Accessed on 29/12/2023)
- ResearchGate Link: <https://www.researchgate.net/profile/Sahinur-Laskar> Citations: 177; h-index: 8;  
Research Interest Score: 163.1 (Accessed on 29/12/2023)
- ORCID: <https://orcid.org/0000-0002-8413-2718>
- Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57216695235>
- VIDWAN: <https://vidwan.inflibnet.ac.in/profile/414530>