Dr. Sahinur Rahman Laskar

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Current Job

Assistant Professor at SoCS, UPES (NIRF#52), Dehradun since 09/02/2023 to present.

Qualification

Ph.D., CSE National Institute of Technology, Silchar, India (2023).

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

- 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.
  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 5 Journal Articles

1. Kakum, N., **Laskar, Sahinur Rahman**, Sambyo, K., & Pakray, P. (2023). Neural machine translation for limited resources english-nyishi pair. *Indian Academy of Sciences (Sadhana) (SCIE) (Impact Factor:* 1.6*).* doi:https://doi.org/10.1007/s12046-023-02308-8

2. **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

3. **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

4. **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:* 1.6*)*, *47*(4), 1–11. doi:https://doi.org/10.1007/s12046-022-01965-5

5. 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

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 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