



Sahinur Rahman Laskar

DATE OF BIRTH:
20/11/1986

CONTACT

Nationality: Indian

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ABOUT ME

A Computer Science and Engineering background person. Currently, Pursuing Ph.D in the area of Machine Translation. Research Interests in NLP, Machine Translation, Question and Answering, IR, Deep Learning and Machine Learning. Published several International Conferences, Workshops, Journals and Book Chapters. Preferably, looking for research internship and job in R&D.

WORK EXPERIENCE

Silchar, India

Guest Faculty/Lecturer

Assam University Silchar

Teaching on contractual position (2 Year+)

03/08/2015 – 31/01/2016 – Silchar, India

Junior Research Fellow (JRF)

Assam University Silchar

Research

EDUCATION AND TRAINING

01/07/2007 – 23/07/2011 – Assam, Guwahati, India

Bachelor of Engineering (Computer Science and Engineering)

Assam Engineering College Guwahati

<https://www.aec.ac.in/>

01/07/2013 – 23/07/2015 – Assam, Silchar, India

Master of Technology (Information Technology)

Assam University Silchar

<http://www.aus.ac.in/>

27/02/2019 – CURRENT – Assam, Silchar, India

Doctor of Philosophy

National Institute of Technology Silchar

Familiar with MT and NLP tools, Python, and Deep Learning Techniques.

Field(s) of study

- Machine Translation

<http://www.nits.ac.in/>

LANGUAGE SKILLS

MOTHER TONGUE(S): Bengali

OTHER LANGUAGE(S):

English

Listening
C2

Reading
C2

**Spoken
production**
B2

**Spoken
interaction**
B2

Writing
B2

Hindi

Listening
A2

Reading
A1

**Spoken
production**
A2

**Spoken
interaction**
A2

Writing
A2

Assamese

Listening
A2

Reading
A2

**Spoken
production**
A2

**Spoken
interaction**
A2

Writing
A1

DIGITAL SKILLS

Microsoft Word / Microsoft Excel / Microsoft Powerpoint / Google Drive
/ Microsoft Office / Google Docs / Zoom / Skype / Instagram /
LinkedIn / Twitter / Social Media / Facebook

PROGRAMMING SKILLS

- Python, Java, C, C++, HTML, JavaScript.

RESEARCH INTEREST

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

RESEARCH PARTICIPATION

- 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". 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 (WMT20). 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". 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 (WMT19), August 1-2, 2019 Florence, Italy – Our Team: NITS-CNLP, achieved the best result for Nepali-Hindi language pair. This system is ba
- 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.

GUEST SPEAKER

- Demonstration of Deep Learning for Machine Translation on 29th June 2021 at Faculty development Program on Deep Learning for Natural Language Processing (DL-NLP 2021), Department of CSE & IT, Jaypee Institute of Information Technology, Noida, India.

PUBLICATIONS

Sahinur Rahman Laskar, Bishwaraj Paul, Siddharth Paudwal, Pranjit Gautam, Nirmita Biswas and Partha Pakray, "Multimodal Neural Machine Translation for English-Assamese Pair", 2nd IEEE IAS International Conference on Computational Performance Evaluation (ComPE-2021), (Accepted)

2021

Sahinur Rahman Laskar, Abdullah Faiz Ur Rahman Khilji, Darsh Kaushik, Partha Pakray, Sivaji Bandyopadhyay, "Improved English to Hindi Multimodal Neural Machine Translation", In the Proceedings of the 8th Workshop on Asian Translation, pages 155–160 Bangkok, Thailand (online), August 5-6, 2021.

2021

Sahinur Rahman Laskar, Abdullah Faiz Ur Rahman Khilji, Darsh Kaushik, Partha Pakray and Sivaji Bandyopadhyay, "English-Khasi Corpus: EnKhCorp1.0", In the Workshop on Technologies for MT of Low Resource Languages (LoResMT), Aug 2021.

2021

Abdullah Khilji, Riyanka Manna, Sahinur Rahman Laskar, Partha Pakray, Dipankar Das, Sivaji Bandyopadhyay, Alexander Gelbukh. "CookingQA: Answering Questions and Recommending Recipes based on Ingredients", Arabian Journal for Science and Engineering, Springer, Impact Factor: 1.711, SCIE indexed.

2021

Sahinur Rahman Laskar, Abdullah Faiz Ur Rahman Khilji, Partha Pakray, "HealFavor: Machine Translation Enabled Healthcare Chat Based Application", Book Name: CRC Press (Taylor & Francis Group) on "Natural Language Processing in Healthcare: A Special Focus on Low Resource Language". [Accepted]

2021

Abdullah Faiz Ur Rahman Khilji, Sahinur Rahman Laskar, Partha Pakray et al. In Chapter 3: "Heal Favor: A Chatbot Application in Healthcare", Book Name: CRC Press book on "Analysis of medical modalities for improved diagnosis in modern healthcare", ISBN 9780367705367, August 13, 2021, Forthcoming by CRC Press.

2021

Abdullah Khilji, Riyanka Manna, Sahinur Rahman Laskar, Partha Pakray, Dipankar Das, Sivaji Bandyopadhyay, Alexander Gelbukh. "Question Classification and Answer Extraction for Developing a Cooking QA System", Computación y Sistemas – Thematic Issue on Language & Knowledge Engineering (Guest editors: D. Pinto, B. Beltrán, A. Vázquez), Vol. 24, No. 2, 2020, Scopus Indexed.

2020

Sahinur Rahman Laskar, Abdullah Faiz Ur Rahman Khilji, Partha Pakray and Sivaji Bandyopadhyay, "EnAsCorp1.0: English-Assamese Corpus", Proceedings of the 3rd Workshop on Technologies for MT of Low Resource Languages, pages 62–68 December 04, 2020. c 2020 Association for Computational Linguistics.

2020

Abdullah Faiz Ur Rahman Khilji, Sahinur Rahman Laskar, Partha Pakray and Sivaji Bandyopadhyay, "Urdu Fake News Detection using Generalized Autoregressors", Working Notes – The 2020 Fake News Detection in the Urdu Language Task, Forum for Information Retrieval Evaluation 2020, Dec 16-20, 2020, Hyderabad, India.

2020

Sahinur Rahman Laskar, Abdullah Faiz Ur Rahman Khilji, Partha Pakray and Sivaji Bandyopadhyay, "Multimodal Neural Machine Translation for English to Hindi", Shared Task – 7th Workshop on Asian Translation (WAT 2020), Hosted by the AACL-IJCNLP 2020.

2020

Sahinur Rahman Laskar, Abdullah Faiz Ur Rahman Khilji, Partha Pakray and Sivaji Bandyopadhyay, "Zero-Shot Neural Machine Translation: Russian-Hindi", Shared Task, Proceedings of the 3rd Workshop on Technologies for MT of Low Resource Languages, pages 38–42, December 04, 2020. Association for Computational Linguistics.

2020

Sahinur Rahman Laskar, Abdullah Faiz Ur Rahman Khilji, Partha Pakray, Sivaji Bandyopadhyay, "Hindi-Marathi Cross Lingual Model", Proceedings of the 5th Conference on Machine Translation (WMT), pages 394–399 Online, November 19–20, 2020. Association for Computational Linguistics.

2020

Abdullah Faiz Ur Rahman Khilji, Sahinur Rahman Laskar, Partha Pakray et al. "HealFavor: Dataset and A Prototype System for Healthcare ChatBot", In International Conference on Data Science, Artificial Intelligence, and Business Analytics (DATABIA), Medan, Indonesia, 2020, pp. 1-4.

2020

Sahinur Rahman Laskar, Partha Pakray and Sivaji Bandyopadhyay, "Neural Machine Translation: Assamese-Bengali", in the International Conference on Modeling, Simulation and Optimization (CoMSO 2020), Springer, National Institute of Technology Silchar, August 3-5, 2020, pp 571-579, vol 206.

2020

Sahinur Rahman Laskar, Partha Pakray and Sivaji Bandyopadhyay, "Neural Machine Translation for Low Resource Assamese-English", In Proceedings of the International Conference on Computing and Communication Systems, Springer, NEHU, Shillong, India, Pages 35-44.

2020

Sahinur Rahman Laskar, Rohit Pratap Singh, Partha Pakray, Sivaji Bandyopadhyay, "English to Hindi Multi-modal Neural Machine Translation and Hindi Image Captioning", Proceedings of the 6th Workshop on Asian Translation 2019, Association for Computational Linguistics, Pages 62-67.

2019

● Sahinur Rahman Laskar, Abinash Dutta, Partha Pakray and Sivaji Bandyopadhyay, "Neural Machine Translation: English to Hindi", in the Proceedings of 3rd IEEE Conference on Information & Communication Technology, IIIT Allahabad, Dec 06-09, 2019.

2019

● Sahinur Rahman Laskar, Partha Pakray and Sivaji Bandyopadhyay "Neural Machine Translation: Hindi-Nepali", in the Proceedings of the Fourth Conference on Machine Translation (WMT), Publisher: Association for Computational Linguistics, Volume 2: Shared Task Papers, pages 900-905, Florence, Italy, August 1-2, 2019.

2019

MEMBERSHIP

● IEEE Student and Young Professionals.