

CV of Subungshri Basumatary

Name: SUBUNGSRI BASUMATARY

Designation: Assistant Professor

Address for Communication: Department of Computer Science and Engineering,

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Sex: Female

Date of Birth: 19th January, 1992

Educational Qualifications:

Sl. No.	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10 th Std.	2007	SEBA	
2	HSSLC/10+2 Std.	2010	AHSEC	Science
3	B.TECH	2015	CENTRAL INSTITUTE OF TECHNOLOGY, KOKRAJHAR	Computer Science and Engineering
4	M.TECH	2017	TEZPUR UNIVERSITY	Information Technology
5	Ph. D.	Pursuing	CENTRAL INSTITUTE OF TECHNOLOGY, KOKRAJHAR	Natural Language Processing

Languages known (Read, Write & Speak):

Assamese, English, Hindi, Bodo

Academic Experience:

- Assistant Professor
Department of IT
Mahatma Gandhi University, Meghalaya (From 14th March, 2018 to 29th August, 2019)

- Teaching Assistant (Lab)
Department of Computer Science & Engineering
Central Institute of Technology, Kokrajhar (From 1st January, 2022 to 30th December, 2023)

List of Publications:

Journals:

1. 'Deep CNN based Question Classification Model for Mizo Natural Language Processing', Journal of Science & Technology, Mizoram University. Mizoram University, 2024.
2. 'Word Sense Disambiguation applied to Assamese-Hindi Bilingual Statistical Machine Translation', Journal of Engineering, Technology & Applied Science Research. Technology & Applied Science Research, 2024.
3. 'Word sense disambiguation task for Bodo language using Attention based Deep CNN architecture', Journal of International 'Word sense disambiguation task for Bodo language using Attention based Deep CNN architecture', Journal of International Journal of Computing and Digital Systems (communicated).
4. 'Word Sense Disambiguation for Low-Resource Indian Languages Using Machine Learning And Deep Learning Techniques: 'Word Sense Disambiguation for Low-Resource Indian Languages Using Machine Learning And Deep Learning Techniques: State Of The Art, Current Trends And Challenges' Journal of Multimedia Tools and Applications (communicated).

Book Chapters:

1. Published book chapter on 'Smart Innovation, Systems and Technologies' Volume 373, Modeling, Simulation and Optimization Proceedings of CoMSO 2022 by Springer Nature.

International/National Conferences:

1. Presented paper on 'Word Sense Disambiguation for BODO language using Simplified LESK' (Sixth International Conference on Computational Intelligence in Communications and Business Analytics, CICBA) held in National Institute of Technology, Patna on 23-25 January, 2024.
2. Paper on 'Cancer Text Article Categorization and Prediction Model Based on Machine Learning Approach' (IEEE 3rd Mysore Sub Section International Conference (MysuruCon)) held in Malnad College of Engineering, Hassan, Bangalore on 1-2 December, 2024.
3. Presented a paper on 'Word Sense Disambiguation for BODO language in Speech Processing' (1st International Conference of NATIVERS' INSTITUTE OF BODOLOGY NIB on Oral Resources of Bodo Languages Literature, Culture and History) held in Central Institute of Technology, Kokrajhar on 10-11 June, 2023.
4. Presented a paper on 'An approach to Bodo Word Sense Disambiguation (WSD) using Word2Vec'(3rd International Conference on Modelling, Simulation and Optimization, CoMSO) held in National Institute of Technology, Silchar on 21-23 December, 2022.
5. Presented a paper on ' Word Sense Disambiguation (WSD) using a machine learning (National Conference on Science & Technology for Sustainable Development, STSD-2022) held in Science College, Kokrajhar, on 9-10 September, 2022.

Poster Presentation:

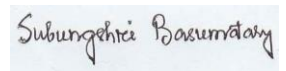
1. Presented a poster on Medical Image Computing workshop, held on Indian Institute of Science (Bengaluru), India on 24-25th Feb, 2023.
2. Poster presentation, Bodoland International Knowledge Festival, 2023, organized by Bodoland Territorial Region (BTR) and Bodoland University, Kokrajhar, India on 27th Feb – 2nd March 2023.
3. Presented a paper on Research & Industrial Conclave -Integration'23 organized by Indian Institute of Technology, Guwahati, India on 14-16th May 2023.
4. Poster presentation , Indian Institute of Technology, Guwahati, organized by IEEE-GCON 2023, India on 23-25th June, 2023

Awardee & Membership:

1. Received a scholarship from Ministry of Tribal Affairs (MoTA), Govt of India.
2. Member of IEEE (subsection) Guwahati, India. Member of IEEE (subsection) Guwahati, India.
3. Review a paper for the journal 'Journal of Engineering, Technology & Applied Science Research'.

Professional Development:

1. Organized an training session on 'Web Designing with PHP' in April, 2019 at Mahatma Gandhi University, Meghalaya.
2. Organized an Nation Conference on 'Social Sciences and Humanities Seminar' in December, 2018 at Mahatma Gandhi University, Meghalaya.



Date: 29. 08. 2024

Subungshri Basumatary