

Teisovi Angami
Assistant Professor
Department of Information Technology
School of Engineering & Technology
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Research Interest: Data Mining, Machine Learning, Social Network Analysis, Natural Language Processing.

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Qualification:

B.E in Computer Science & Engg. - VTU, Karnataka
PGDM in Information Systems - AIMA, New Delhi
MS (Research) in Computer Science - NTHU, Taiwan
Ph.D (Thesis submitted) in Computer Science & Engg.- NIT Nagaland

Teaching/Industry Experience:

Assistant Professor, Department of Information Technology, Nagaland University since 08/10/2007.

Previous employments: National Informatics Centre (NIC), and Tata Consultancy Services (TCS), Bangalore.

Membership/Professional Services: IEEE member, Reviewer for ACM Transactions on Asian and Low-Resource Language Information Processing.

Projects:

- Principal Investigator for NU start-up project (2024-26) on “*Tenyidie-English Machine Translation corpus creation and evaluation*” – 3 lakhs (Ongoing)

Orientation/Refresher/Summer/Winter School Attended

<i>Name of the Course/ Summer/Winter School/Orientation/Refresher</i>	<i>Place</i>	<i>Duration</i>	<i>Sponsoring Agency</i>
37 th Orientation Programme	UGC-HRDC, NEHU, Shillong	Aug. 8, 2016 to Sept. 4, 2016 (4 weeks)	UGC
Refresher Course in Emerging Trends in Science & Technology (IDC)	UGC-HRDC, Gauhati University, Assam	Oct. 25, 2017 to Nov. 14, 2017 (3 weeks)	UGC
Refresher Course on Machine Learning (IDC)	UGC-HRDC, Gauhati University, Assam	29.1.2020 to 11.2.2020 (2 weeks)	UGC
Interdisciplinary Refresher Course on Curriculum and Pedagogy	Teaching Learning Centre, Tezpur University, Assam	07.06.2023 to 20.06.2023 (2 weeks)	UGC

Courses Taught

- Fundamentals of Information Technology, Computer Systems & Programming, Operating Systems, Database Management Systems, Management Information Systems, Compiler Design, Discrete Mathematics, Industrial Economics & Principles of Management, Distributed Database, Theory of Automata, Management Information Systems & Knowledge Management, Big Data Analytics, Statistical Modeling & Tools.

Professional Development activities

-Attended NPTEL (National Programme on Technology Enhanced Learning) workshop on “*Education Grid-NPTEL Workshop*”, May 5-7, 2008 conducted jointly by IITMK, Trivandrum and Nagaland University at SETAM-NU, Dimapur.

-Attended the web-seminar “*PANTOTO: Building Information Management Systems for Small and Medium Sized Enterprises*”, IITM-K, Park Centre, Technopark, Trivandrum on Oct. 16, 2008.

-Attended a five-day ISTE workshop on “*Effective Teaching/Learning of Computer Programming*”, April 21–25, 2009, conducted by Project eKalavya, Department of Computer Science & Engineering, IIT Bombay.

-Participated in “*Robotics*” workshop on March 5-6, 2010 at SETAM-NU auditorium with resource persons from LEARNICS, the training division of RoboticWares Pvt. Ltd., Bhubaneswar, India.

- Participated in “*State Level Orientation cum Workshop on NCF for Secondary Level Teacher Educators*” at NCTE, Kohima from Aug. 26-28, 2010.

-Attended ‘*Rural Technology Action Group (RuTAG) meeting*’ in collaboration with IIT, Guwahati on Sept. 27, 2010 at National Research Centre on Mithun, ICAR, Jharnapani, Medziphema, Nagaland.

-Attended training on *IBM SEED Program*, April 8–11, 2013, Nagaland University, Dimapur.

-Attended “*International Workshop on Learning Analytics, Technology Adoption and Language Learning in the Big-Data Era*”, June 23-24, 2015, National Taiwan Normal University (NTNU), Taipei, Taiwan.

-Attended a One-day workshop on “*Writing magic with Latex*”, May 18, 2016, National Institute of Technology, Nagaland.

-Attended a Three (3) Day Workshop on “*International Workshop on Pattern Analysis and Applications*” (IWCAA 2017), Jan 18-20, 2017, organized by Computer Vision & Pattern Recognition Unit, Indian Statistical Institute, Kolkata.

-Attended a One week FDP on “*ANN and Deep Learning*” at IIT, Guwahati from June 11-15, 2018.

-Attended an International Webinar on “*Biometric Recognition Techniques for Authentication in Smart Cities*”, Mizoram University on Aug. 3, 2020.

-Attended an International Webinar on “*Design with security and ethics*”, Galgotias University on Aug. 22, 2020.

-Attended training on “*Training cum Workshop on ACADEMIC ADMINISTRATION*”, Sept. 24 - Oct. 22, 2020, organized by IQAC, Nagaland University, Lumami.

-Attended the webinar titled “*COVID-Human Brain Challenges*” organized by Mizoram University and INDICASAT-AIP, Republic of Panama on July 30, 2021.

-Attended the 2-Hour Live Masterclass on *Patent Search with Espacenet* conducted by Turnip Innovations on July 31, 2021.

- Successfully completed the 2-Week Online *Patent Course* by Turnip Innovations from Aug. 1-15, 2021.

- Successfully completed One Week Instructor Led Live Online Training on “*Deep Learning Using Medical Data*” held during Aug. 16 – 20, 2021 organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd., New Delhi).
- Successfully completed 2 Weeks Instructor Led Live Online Faculty Development Program on “*Full Stack Android Apps Development*” held during Sept. 6 – 17, 2021 organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd., New Delhi).
- Successfully completed 2 Weeks Instructor Led Live Online *Faculty Development on Full Stack Web Development* held during June 20 - July 1, 2022 organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.).
- Participated in the webinar on Data Analytics organised by UGC-HRDC, Mizoram University held on March 17, 2022.
- Participated in online Faculty Development Programme on "*Mathematical Models for Machine Learning and Its Applications*" organised by E & ICT Academy, NIT Warangal and Faculty of Science & Technology, ICFAI Foundation for Higher Education, Hyderabad during July 11-20, 2022.
- Attended Webinar on "*Innovation & Entrepreneurship*" held on July 9, 2022 organised by Vel Tech Institute Innovation Council at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science & Technology, Chennai.
- Delivered a talk on "*Artificial Intelligence*" at ICFAI University Nagaland, Dimapur, Nagaland on May 22, 2023.
- Participated in *IP Awareness/Training program* under National Intellectual Property Awareness Mission on July 27, 2023 organized by Intellectual Property Office, India.
- Organizing committee member, International One-Week Online Faculty Development Program (FDP) on “*Advances In Machine Learning, Image Processing and Natural Language Processing*” organized by Department of Information Technology, Nagaland University during Aug. 16 -21, 2023.
- Member, Organizing committee, 3rd International Conference on Biologically Inspired Techniques in Many-Criteria Decision-Making (BITMDM-2024) Technologies organized by School of Engineering & Technology, Nagaland University held during Dec. 6-7, 2024. (Springer)
- Session co-chair, 3rd International Conference on "Biologically Inspired Techniques in Many-Criteria Decision-Making (BITMDM-2024)," held during Dec. 6-7, 2024. (Springer).

Publications

- Sanjib Das, Sukumar Nandi, Ramesh Singh, **Teisovi Angami**, "*An Intrusion Detection system for DNS Cache Poisoning Attack*", (Page Nos. 123-138, Volume 9 DECEMBER, 2016), Nagaland University Research Journal (A Multi - disciplinary Journal), ISSN. (UGC-CARE)
- **Teisovi Angami**, "*A Review Article: Linguistics Resources for NLP in Tenyidie Language*" (Book Chapter), *Emerging Trends in Science & Technology*, Purbayon Publishers, Guwahati, Assam, ISBN: 978-81-92955-63-6, 2017
- Chenlep Yakha Konyak, **Teisovi Angami**, VK Vidyarthi, “*Innovative machine learning approaches to uncover factors leading to medication errors in pharmacies*”, *The Pharma Innovation Journal*, Vol. 10(1), Page Nos. 800-803, 2021. (UGC-CARE)
- **Teisovi Angami**, Themrichon Tuithung, “*Towards building stemmer for Tenyidie Language*”, *Proceedings of the 10th IEEE International Conference on Advance Informatics: Concepts, Theory and Applications (ICAICTA 2023)* held during October 7-9, 2023 in Lombok, Indonesia jointly organized by Toyohashi University of Technology, Institut Teknologi Bandung and Burapha University. **DOI:** 10.1109/ICAICTA59291.2023.10389862, IEEE, 2023 (Web of Science Indexed)
- **Teisovi Angami**, Mimi Kevichusa Ezung, Sanasam Ranbir Singh, Themrichon Tuithung, “*Evaluation of the morphological rules for the Tenyidie Language - A Low-resource Language*”

- , Language Resources and Evaluation Journal (Springer) – DOI:10.1007/s10579-024-09788-y (*SCIE, Scopus indexed journal*), Journal Impact Factor = 2.0 (2023)
- **Teisovi Angami**, Themrichon Tuithung, “*Tenyidie Named Entity Recognition - Corpus creation and Machine/Deep Learning applications*” – Paper revised (*SCIE, Scopus indexed journal*)
 - **Teisovi Angami**, Mimi Kevichusa Ezung, Sanasam Ranbir Singh, Themrichon Tuithung, Loitongbam Gyanendro Singh, “*Development of Part-of-speech Tagset and Tagger for the Tenyidie Language*” - Under Review (*SCIE, Scopus indexed journal*)
 - **Teisovi Angami**, Themrichon Tuithung, “*Tenyidie Syllabification corpus creation and Deep Learning applications*” - Under Review (*SCIE, Scopus indexed journal*)
 - **Teisovi Angami**, Themrichon Tuithung, “*Automatic Phrase Chunking for Tenyidie Language*” - Under Review (*Scopus indexed journal*)
 - **Teisovi Angami**, Sajjadal Islam, Kevingulie Rutsa, None Chaya, “*Automatic named entity recognition for Nagamese Language – A low-resource language*” – Communicated (*UGC-CARE journal*)
 - Ekha Morang, Surhoni Ngullie, Sashienla Longkumer, **Teisovi Angami**, “*Sentiment analysis for the Nagamese Language – A low-resource language*” – Communicated
 - Alovi N Shohe, Chonglio Khiamungam, **Teisovi Angami**, “*Part-of-speech tagging for Nagamese Language using CRF*” – Under Review (*Scopus indexed journal*)

Conferences

- **Teisovi Angami**, Themrichon Tuithung, “*A Preliminary Work on Tenyidie Stemming Corpus Creation and Deep Learning Applications*”, 4th International Conference on Emerging Trends and Technologies on Intelligent Systems (ETTIS 2024) during March 27-28, 2024 organized by CDAC, Noida in association with the Petroleum-Gas University of Ploiesti, Romania, the University of Haute-Alsace, France and Northeastern University, USA. – *Best paper award*. (To appear in *Scopus indexed Springer book-series*)
- **Teisovi Angami**, Chenlep Yakha Konyak, Themrichon Tuithung, “*Tenyidie syllable-based automatic Tone Marker*”, IEEE SILCON 2024 held at NIT, Agartala during Nov. 15-17, 2024.
- Sourav Kumar Giri, Sujata Dash, Tapaswini Sahoo, **Teisovi Angami**, “*A-DCLN: Attention-based Deep CNN-LSTM Network for Lung Cancer Classification*”, International Conference on "Biologically Inspired Techniques in Many-Criteria Decision-Making (BITMDM-2024), Dec 6-7, 2024 – Accepted (Springer book series)