

Publications based on the Thesis

Journals

1. **Nath, S.** and Sharma, U., “Incorporating Dialectal Features in Synthesized Speech using Voice Conversion Techniques”, *International Journal of Computer Applications*, (0975-8887) Volume 180 - No.19, February 2018.
2. **Nath, S.**, and Borah, N., and Gohain, A. and Sharma, U., “VoiCon: A Matlab GUI based tool for Voice Conversion Applications”, *International Journal of Computer Applications in Technology*, [Communicated].

Book Chapters

3. **Nath, S.**, and Sarma, H. and Sharma, U., “A Preliminary Study of the VOT patterns of the Assamese language and its Nalbaria Variety”, in *Lecture Notes in Computer Science*, vol 8404., ISBN: 978-3-642-54902-1, In: Gelbukh A. (Eds.), Springer, Berlin, Heidelberg, pp. 542-552, 2014.
4. **Nath, S.** and Sharma, U., “GMM based Formant Transformation of the vowels/ diphthongs of one Assamese variety to another.,” in *the Proceedings of I3CS 2016, Lecture Notes in Networks and Systems*, vol 24, DOI: https://doi.org/10.1007/978-981-10-6890-4_41, In: Mandal J.K. et al. (Eds.), Springer Nature Singapore Pte Ltd., 2018.

Conferences

5. **Nath, S.**, and Sarma, H. and Sharma, U., “Assamese Dialect Translation System- A preliminary proposal”, in *the Proceedings of ICONACC 2014*, pp. 95-101, December 12-14, 2014, Manipur, India.
6. **Nath, S.** and Sharma, U., “An Analysis of the Vowels and Diphthongs of the Nalbaria variety of Assamese”, in *the Proceedings of I3CS 2015*, pp. 176 - 181, April 9-10, 2015, Shillong, India.
7. **Nath, S.**, and Sharma, U., “Transforming the vowel/diphthong formants of one Assamese variety to another: A GMM based approach”, in *the Proceedings of ICADW 2016, IEEE Xplore*, pp.157-162, December 16-18, 2016, Guwahati, Assam, India.:DOI: 10.1109/ICADW.2016.7942533

