1. Sanskrit Machine Translation Systems – A comparative Analysis
   1. Published in International Journal of Computer Applications in February 2016.
   2. Published by
      1. Jaideepsinh K. Raulji – Lecturer at Ahmedabad university, Ahmedabad, and Research Scholar at Dr. Babasahed Ambedkar Open University, Ahmedabad
      2. JatinderKumar R. Saini – Professor and I/C Director, Narmada College of Computer Application, Bharuch, Gujarat and Research Supervisor at Dr. Babasahebv Ambedkar Open University, Ahmedabad.
   3. Contains the analysis of various previous devices and research works. All the papers focus on using some neural networks or deep learning algorithms.
2. A comprehensive survey on Machine Translation for English, Sanskrit, and Hindi languages
   1. Published in Journal of Ambient Intelligence and Humaized Computing on 1st September 2021
   2. Published by
      1. Sitender
      2. Seema Bawa
      3. Munish Kumar
      4. Sangeeta
   3. The approach used is Neural Machine Translation (NMT)
   4. It requires a large corpus and high computing systems
   5. PRISMA model is used in this article
   6. New avenues have also been explored
3. A proposed model for neural machine translation of Sanskrit into English
   1. Published in International Journal of Information Technology on 8th August 2019
   2. Published by
      1. Nimrita Koul
      2. Sunilkumar S Manvi
   3. The research paper is not available since it is paid. The link for the research article is [A proposed model for neural machine translation of Sanskrit into English | SpringerLink](https://link.springer.com/article/10.1007/s41870-019-00340-8)
   4. Recurrent Neural Networks are used
   5. The trained model for the sequence to sequence examples, to account for extra-large sentences, and unusual words
   6. SVMs are used to find a suitable English word for a Sanskrit word in the case of sentences with more than five words
   7. In small sentences, a combination of a partial dictionary and a classifier is used
4. Corpus-based machine translation system with deep neural network for Sanskrit to Hindi translations
   1. Published in International Conference of Computational Intelligence and Data Science (ICCIDS 2019)
   2. Published by
      1. Muskaan Singh – Language Engineering and Machine Learning Research Labs
      2. Ravinder Kumar – Thapar Institute of Engineering and Technology, Patiala.
      3. Inderveer Chana – CSED, Thapar institute of Engineerign and Technology, Patiala.
   3. Bhagavad Gita is used as an input data
   4. Deep Neural Network is used
   5. Data would be passed through a neural network after data analysis and processing
   6. The solution proposes a better BLEU score and a better word error rate
5. Divergence patterns between English and Sanskrit machine translations
   1. Published by
      1. Vimal Mishra – Research Scholar, Department of Computer Engineering, Institute of Technology, Banaras Hindu University (IT-BHU), Varanasi
      2. R.B. Mishra – Professor, Department of Computer Engineering, Institute of Technology, Banaras Hindu University (IT-BHU), Varanasi.
   2. Discussed various translation patterns between English and Sanskrit to identify potential topics of divergence translations.
   3. Typical types are based on linguistic to socio- and psycho-linguistic, etc. aspects
6. A Sanskrit to English machine translation using hybridization of the direct and rule-based approach
   * 1. Published in Neural Computing and Applications on 17th July 2020.
     2. Published by
        1. Sitender
        2. Seema Bawa.
     3. Discusses language divergence among Sanskrit and English languages with a recommended solution to handle divergences
     4. Uses two bilingual dictionaries, a tagged Sanskrit corpus, a Sanskrit analysis rule base, and an ELGR base.
     5. Systems used CFG in CNF for Sanskrit language processing and CYK parsing technique for processing the input Sanskrit sentence
     6. <https://link.springer.com/article/10.1007/s00521-020-05156-3>
7. Sanskrit as the Interlingua Language in Machine Translation
   1. Published in Engineering Trends in Electrical, Communications and Information Technologies on 15th November 2016
   2. Published by
      1. Sunita Chand – University of Delhi, New Delhi.
   3. Natural language processing and Corpus-based translations are used
   4. [Sanskrit as Inter-Lingua Language in Machine Translation | SpringerLink](https://link.springer.com/chapter/10.1007/978-981-10-1540-3_3)
8. Some GitHub links are also there, which are mentioned below
   1. <https://github.com/priyanshu2103/Sanskrit-Hindi-Machine-Translation>
   2. <https://github.com/Adityashar/Sanskrit-Machine-Translation>