

The objective behind pursuing this project is to develop a resource and a tool that is capable of bridging the linguistic gap that plagues the health domain. In this pursuit, we propose to build a Multilingual-Multimodal Educational Medical Machine Translation System using suitable Neural approaches for Indian, Ukrainian and Belarusian language communities.

Therefore we propose developing a methodology for the automatic multimodal translation of medical texts where the source language is English and the target language belongs to less-resourced languages in India (Hindi, Telugu and Bhojpuri), Ukraine (Ukrainian) and Belarus (Belarusian). The idea is to use the Neural approach for building multilingual multimodal machine translation for less-resourced languages which helps the respective community to access medical information. Along with these, developing multimodal parallel resources, multilingual lexicon and the terminological database will be a by-product of this project.