

Transhumanism promotes an interdisciplinary approach to understanding and evaluating possibilities for moving beyond human limitations. It is connected with both present day technologies like genetic engineering and artificial intelligence and future technologies like molecular nanotechnology. In this research, Transhumanism refers to the improvements and enhancements in the related fields of speech technologies and improving and supporting the human—machine communication act using the existing and the anticipated technologies of the future. The language of communication is essentially natural language with a vibrant social context of the real world. Transhumanism is used in this research as theoretical reference to discuss in detail the technological advancement and state of the art support systems in the field of natural language communication, speech recognition and speech generation systems to support a reliable and meaningful communication act between humans and machines and possibly machines and machines. The overall aim of the research is to look at the evolution and developments in the field of natural language speech technologies with reference to Transhumanism from a linguistic and secular point of view.

The objective of the research is to signpost the research work for the future - researchers in this particular area of research and in general linguistics. The research is aimed to explore the scope and impact of interdisciplinary technological advancements for artificial intelligent systems using natural language as communication tool independently through speech input and speech output.