Major Activities – Research centres

Centre for Speech and Language Sciences

To conduct clinical research on:-
- Characteristics of voice source
- Normal aspects of voice/ fluency/ language
- Evaluation of voice/ fluency/ language and its disorders
- Management of voice/ fluency/ language disorders
- Developing evidence-based therapy protocols

Centre for Augmentative and Alternative Communication (AAC) & Sign Language

To conduct research on:-
- Developing AAC assessment protocols in different Indian languages for children, adults, and geriatrics
- Design and development of AAC systems/ devices/ software to suit the needs of individuals with complex communication needs requiring AAC
- Indian Sign Language (ISL) attributes in persons with hearing impairment who are ISL users

Centre for Hearing Sciences

To conduct research on:-
- Processing of the speech and non-speech sounds at various levels in the auditory pathways
- Cochlear implants and other implantable devices

Centre for Prevention of Communication Disorders & Epidemiological Research & Cognitive Behavioural Science in Communication Disorder

To conduct research on:-
- Incidence, prevalence data on speech, language, and hearing impairment, and multiple impairment leading to communication disorders
- Cognitive-behavioral sciences and disorders
- Building a knowledge store and information cache on any or all matters related to human cognition and behaviors
- Periodically developing specialist or dedicated team of human capital/ resources in the field of cognitive-behavioral sciences and disorders

Centre for Rehabilitation engineering, Acoustics & Bio- medical engineering (CRAB)

To conduct research on:-
- Design & development of Assistive Technology (AT) devices/ augmentative and alternative communication (AAC) devices (tailor made) for persons with communication disorders
- Support system for users of AT/ AAC devices
- Design and development of instruments and gadgets for diagnostic and therapeutic purposes
- Linking Informatics and Speech Technology for speech-based work on the human computer interface