

CORE 11043- Essentials of Speech-Language Therapy

Status	Core
No of Hours	45 hours
No of Credits	3
Learning Outcomes	<ul style="list-style-type: none"> • To provide an overview of the speech and language disorders • Explain the bases of speech and language, characteristics of speech and language disorders
Methods of Teaching and Learning	Lectures and Practicals
Module content	<p>Unit 1 : Basic concepts in speech, language and communication</p> <ul style="list-style-type: none"> • Definition of communication, speech, language and their components • Distinctions and similarities between them <p>Basic models, levels, modes and functions of speech communication</p> <ul style="list-style-type: none"> • Speech as a overlaid function • Speech chain <p>Unit 2:</p> <p>a. Physical bases of speech production</p> <ul style="list-style-type: none"> • Generation and propagation of sound • Absorption and reflection of sound • Free and forced vibrations • Resonance • Frequency response • Sound pressure and intensity • Spectrum • Speech mechanism as sound generator, Vocal tract • Periodic and aperiodic sounds • Acoustic analysis and acoustic features of speech sounds • Aerodynamics of speech production <p>b. Physiological bases of speech production</p> <ul style="list-style-type: none"> • Physiology of respiratory, phonatory, resonatory and articulatory systems <p>c. Social, psychological, linguistic, neurological/biological bases of speech</p> <p>Unit 3: Basic concepts in speech language pathology</p> <ul style="list-style-type: none"> • Definition • Incidence and Prevalence • Causes of speech and language disorders <p>Unit 4: Speech, language and behavioral characteristics of</p> <ul style="list-style-type: none"> • Voice disorders, puberphonia, androphonia, hoarse voice, nasal voice, alaryngeal voice, dysarthrophonia and cleft palate • Phonological disorders — misarticulation, apraxia in children in

	adults, dysarthria in children and adults <ul style="list-style-type: none">• Fluency disorders — normal non fluency, stuttering, cluttering and neurogenic stuttering• Language disorders — aphasia in children and adults, cerebral palsy, autism, mutism, pervasive developmental disorders, dyslexia, dysgraphia, agnosia, specific language impairment, mental retardation and hearing impairment
Assessment	Exam 100%