



HOLY CROSS COLLEGE (AUTONOMOUS)

Affiliated to Bharathidasan University
Nationally Accredited (3rd Cycle) with 'A' Grade by NAAC
College with Potential for Excellence.
Tiruchirapalli - 620002.

Department of Audiology and Speech Language Pathology Programme: B.ASLP

PO No.	Programme Outcomes <i>Upon completion of the B.ASLP Degree Programme, the graduate will be able to</i>
PO-1	Function as audiologists and speech-language pathologists in different work settings
PO-2	Acquire practical knowledge to gather information and execute new techniques, protocols to excel in clinical skills.
PO-3	Understand concepts in speech, language, communication, hearing and incorporate it in Research activities
PO-4	Screen, evaluate, diagnose and assess the severity of different disorders related to speech, language, swallowing and hearing local, regional, national and international perspective
PO-5	Learn to liaise with professionals in allied fields and other stake holders

PSO No.	Programme Specific Outcomes <i>Upon completion of these courses the student would</i>
PSO-1	Manage speech, language, swallowing and hearing disorders across life span
PSO-2	Counsel persons with disorders of communication and their family members
PSO-3	Rehabilitate persons with speech, language, swallowing and hearing disorders
PSO-4	Assess and prevent speech, language, swallowing and hearing disorders
PSO-5	Undertake advocacy measures on behalf of and for persons with speech language and hearing disorders

Course Title		MAJOR CORE B 1.1. COMMUNICATION SCIENCES	
Code		U17AS1MCT01	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Define the terms speech, language and communication and explain each of its components in detail	PSO 1 PSO 4	R, E
CO-2	Identify the pre requisites and factors affecting speech and language development	PSO 2 PSO 3	An, Ap
CO-3	Explain acoustic theory of speech production	PSO 4	R
CO-4	Recall the characteristics and applications of decibel	PSO 5	C
CO-5	Describe the terms Sensation levels, Threshold of pain, Most comfortable levels	PSO 2	An, Ap
CO-6	Bridges theory with practicals thereby aiding in skill development	PSO 5	U, C

Course Title		MAJOR CORE B1.2 ANATOMY AND PHYSIOLOGY OF SPEECH AND HEARING	
Code		U17AS1MT02	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Explain different types of muscle tissues with relevant diagrams.	PSO – 1 PSO – 4	R, U
CO-2	Detail the anatomy of larynx with figures.	PSO – 1 PSO – 4 PSO – 2	R, U
CO-3	Explain the mechanism of swallowing.	PSO – 3 PSO – 4	Ap, R
CO-4	Analyse the contribution of articulatory mechanism to speech production?	PSO – 4 PSO – 5 PSO – 1	An, E
CO-5	Describe the development of ear and auditory system.	PSO – 2 PSO – 4 PSO – 5	R, U
CO-6	Make models related to anatomy and physiology aiding in skill development	PSO - 2	E, C

Course Title		MAJOR CORE B1.2 ANATOMY AND PHYSIOLOGY OF SPEECH AND HEARING	
Code		U17AS1MT02	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Explain different types of muscle tissues with relevant diagrams.	PSO – 1 PSO – 4	R, U
CO-2	Detail the anatomy of larynx with figures.	PSO – 1 PSO – 4 PSO – 2	R, U
CO-3	Explain the mechanism of swallowing.	PSO – 3 PSO – 4	Ap, R
CO-4	Analyse the contribution of articulatory mechanism to speech production?	PSO – 4 PSO – 5 PSO – 1	An, E
CO-5	Describe the development of ear and auditory system.	PSO – 2 PSO – 4 PSO – 5	R, U
CO-6	Make models related to anatomy and physiology aiding in skill development	PSO - 2	E, C

Course Title		MAJOR CORE B1.3. CLINICAL PSYCHOLOGY	
Code		U17AS1MCT03	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Explain the role of clinical psychology in the field of speech and hearing.	PSO 2 PSO 5	U
CO-2	Understand methods of assessment in clinical psychology	PSO 4 PSO 3	R
CO-3	Detail the assessment of cognitive functions.	PSO 4 PSO 3 PSO 5	Ap, E
CO-4	Explain the stages in motor development till adulthood and counsel regarding it	PSO 2 PSO4	C
CO-5	Describe the characteristics of a good counsellor.	PSO 5 PSO 1	An, E
CO-6	Bridging theory with practical aspects of speech language pathology and audiology - skill development	PSO 5	Ap, C

Course Title		MAJOR CORE B1.4 LINGUISTICS AND PHONETICS	
Code		U17AS1MT04	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Explain different branches of linguistics.	PSO 4	R, U
CO-2	Describe the functions and characteristics of language?	PSO 2 PSO 4	R, An
CO-3	Detail phonetics and its types.	PSO 4 PSO 5	E, R, U
CO-4	Explain application of distinctive feature theory in speech pathology and speech therapy?	PSO 5 PSO 1	C, E, An
CO-5	Describe the factors affecting second language acquisition.	PSO 3 PSO 5	C, Ap, R, U
CO-6	Practical sessions on transcription which aids in assessment aiding skill development	PSO 4	Ap, An

Course Title		MAJOR CORE B1.5 ELECTRONICS AND ACOUSTICS	
Code		U17AS1MCT05	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Define resistors and capacitors	PSO 3 PSO 5	U
CO-2	Differentiate between LED and LCD.	PSO 3 PSO 5	R
CO-3	Explain DC power supply with a block diagram.	PSO 3 PSO 5	U, R
CO-4	Explain the characteristics of sound.	PSO 3 PSO 5	R
CO-5	Plan acoustics for an audiometric room	PSO 3 PSO 5	C
CO-6	Block diagrams to understand better functioning of different amplification devices aiding Skill development	PSO 2	U, Ap

Course Title		MAJOR CORE B1.6 RESEARCH METHODS AND STATISTICS	
Code		U17AS1MT06	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Summarise the importance to study research in the field of audiology and speech language pathology.	PSO 2 PSO 5	U, An
CO-2	Detail about the steps for a research design.	PSO 3 PSO 3	U, R, Ap
CO-3	Explain the ethics in research.	PSO 4	U, R, Ap
CO-4	Describe reliability and validity with its types .	PSO 5	U, R, Ap
CO-5	Detail the various epidemiologic methods.	PSO 2	U, R, E, Ap
CO-6	Training in SPSS statistical software aiding in research Skill development	PSO 5	E, C

Course Title		MAJOR CORE B 2.1. NEUROLOGY	
Code		U17AS3MCT07	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Identification and evaluation of cranial nerve important for speech production	PSO 1 PSO 3 PSO 4	U, Ap, E
CO-2	Explain the importance of cerebral plasticity and dominance in the field of speech and hearing.	PSO 1 PSO 2 PSO 3 PSO 5	R, U
CO-3	Describe about the central auditory nervous system.	PSO 1 PSO 4 PSO 3	R, U
CO-4	Explain and evaluate the neural control for swallowing.	PSO 1 PSO 3 PSO 4	U, E
CO-5	Differentiate between LMN and UMN disorder symptoms.	PSO 1 PSO 3 PSO 4	R,U, Ap
CO-6	Describe different demyelinating conditions with its characteristics.	PSO 1 PSO 3 PSO 4	R, U, An
CO-7	Make models related to neurology of Speech and Hearing	PSO 2	U, C, Ap

Course Title		MAJOR CORE B 2.2 OTOLARYNGOLOGY	
Code		U17AS2MCT08	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Identify the outer ear, middle ear and inner ear anomalies and plan its intervention strategies	PSO 1 PSO 3	R, Ap
CO-2	Describe the management options for tinnitus.	PSO 3	R,E, Ap
CO-3	Explain clinical anatomy and physiology of pharynx.	PSO 3 PSO 4	R,Ap
CO-4	Describe different congenital laryngeal pathologies and its management options	PSO 1 PSO 3	R,Ap
CO-5	Detail the anatomy and physiology of esophagus.	PSO 3 PSO 4	R,E, Ap
CO-6	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B 2.3. SPEECH LANGUAGE PATHOLOGY	
Code		U17AS2MCT09	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	What are the characteristics of a diagnostic clinician?	PSO 4	R, Ap
CO-2	Explain different types of diagnosis with relevant examples.	PSO 4 PSO 5 PSO 2	An, Ap
CO-3	Describe different approaches for managing language disorders in children	PSO 1 PSO 5	E, C, Ap, U
CO-4	Discuss the importance of early identification in speech and language disorders	PSO 2 PSO 1 PSO 5	U, R, An
CO-5	Detail PWD act	PSO 2 PSO 3	R
CO-6	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B 2.4. AUDIOLOGY	
Code		U17AS2MCT10	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Explain the procedure to interpret child vs adult case history and it's importance in management of hearing loss.	PSO 4 PSO 1 PSO 3	R, E, Ap
CO-2	Identify the type of hearing loss based on audiogram and counsel regarding the rehabilitative options available.	PSO 2 PSO 3	An, Ap
CO-3	Elaborate on the need and procedure for masking	PSO 4 PSO 2	R
CO-4	Generate a protocol to assess an individual with cochlear hearing loss	PSO 4 PSO 5	C
CO-5	Perform PI-PB function testing in an individual with retro cochlear pathology and counsel	PSO 1 PSO 2	An, Ap
CO-6	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B2.5 PRACTICALS (SPEECH-LANGUAGE PATHOLOGY)	
Code		U17AS2MCP11	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Transcribe speech using IPA	PSO 4	Ap
CO-2	Assess OPME for a child with speech and language disability	PSO 4	An
CO-3	Demonstrate speech and language stimulation techniques	PSO 3 PSO 1	R, Ap
CO-4	Prepare a list of available clinical facilities and activities of the institute	PSO 5	C
CO-5	Prepare a parent counseling format	PSO 2	Ap

Course Title		MAJOR CORE B2.6 PRACTICALS (AUDIOLOGY)	
Code		U17AS2MCP12	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Carry out case history on an individual with hearing loss	PSO 2	Ap
CO-2	Perform otoscopy and write impression	PSO 5	An, Ap
CO-3	Perform daily listening check	PSO 4	R
CO-4	Calculate MCL, UCL, SL	PSO 4	C
CO-5	Carry out pure tone and speech audiometry	PSO 4	Ap

Course Title		MAJOR CORE B 3.1 VOICE AND ITS DISORDERS	
Code		U17AS3MCT13	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Describe the laryngeal anatomy with relevant diagrams	PSO 1 PSO 4	R, E
CO-2	Explain development of voice from birth to senescence	PSO 2 PSO 3	An, Ap
CO-3	Illuminate on the various causes of voice disorders.	PSO 4	R
CO-4	Identify various visualization procedures for assessing voice disorders?	PSO 5	C
CO-5	Carry out voice therapy for different disorders.	PSO 2	An, Ap
CO-6	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B 3.2. SPEECH SOUND DISORDERS	
Code		U17AS3MCT14	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Understand theories of phonological development.	PSO 1 PSO 3 PSO 4	U
CO-2	Explain the stages of phonological development.	PSO 1 PSO 4	R, U
CO-3	Identify factors related to speech sound disorders	PSO 2 PSO 4 PSO 3 PSO 5	R, U, An
CO-4	Describe and assess the tests developed in India for speech sound assessment.	PSO 1 PSO 4	U, E
CO-5	Differentiate between independent and relational analysis.	PSO 1 PSO 4	R,U
CO-6	Explain different factors affecting target selection in planning intervention for speech sound disorders.	PSO 1 PSO 4	An
CO-7	Identify and perform the various cognitive linguistic approaches for speech sound disorders specific to clients	PSO 1 PSO 3	R, Ap, C
CO-8	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B 3.3 DIAGNOSTIC AUDIOLOGY : BEHAVIORAL TESTS	
Code		U17AS3MCT15	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Explain the need for a test battery approach	PSO 3	R, Ap
CO-2	Explain in details about different tests to assess retro cochlear pathology	PSO 3	R,E, Ap
CO-3	Elaborate on the signs and symptoms of functional hearing loss. Write down the tests to assess unilateral functional loss in children.	PSO 3 PSO 4	R,Ap
CO-4	Elaborate on the various behavioral process in the assessment of central auditory processing disorders. Add a note on bottle neck principle.	PSO 1	R,Ap
CO-5	Explain the anatomy and physiology of the vestibular system.	PSO 3 PSO 4	R,E, Ap
CO-6	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B 3.4. AMPLIFICATION DEVICES	
Code		U17AS3MCT16	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Elaborate on the different types of hearing aids.	PSO 3	R
CO-2	Justify the importance of compression over peak clipping	PSO 4	E
CO-3	Explain the need for electro acoustic measurements and elaborate on different parameters measured	PSO 4	R
CO-4	Explain the pre-selection factors influencing the selection of hearing aid.	PSO 1 PSO 5	Ap, C
CO-5	Explain different special modifications of ear molds and counsel the importance of ear moulds	PSO 2	An, Ap
CO-6	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B 3.5 CLINICALS IN SPEECH LANGUAGE PATHOLOGY	
Code		U17AS3MCP17	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Evaluate speech and language components using informal assessment methods	PSO 4	Ap
CO-2	Analysis of language components for Form, content & use	PSO 4	An
CO-3	Obtain case history for individuals with speech & language disorders	PSO 2 PSO 4	R, Ap
CO-4	Prepare a list of available clinical facilities and activities of the institute	PSO 5	C
CO-5	Prepare a parent counseling format	PSO 2	Ap

Course Title		MAJOR CORE B3.6 CLINICALS IN AUDIOLOGY	
Code		U17AS2MCP18	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Calculate pure tone average, % of hearing loss, minimum and maximum masking levels	PSO 4	R, Ap
CO-2	Perform tuning fork tests	PSO 4	An, Ap
CO-3	Administer SRT and SIS	PSO 4	Ap
CO-4	Analyse the case history and arrive at a diagnosis	PSO 2	E, An
CO-5	Plan for Audiological test battery	PSO 5	Ap

Course Title		MAJOR CORE B.4.1. MOTOR SPEECH DISORDERS IN CHILDREN	
Code		U17AS4MCT19	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Describe the neuroanatomy of speech and hearing.	PSO 1 PSO 4	R, E
CO-2	Define dysarthria and explain its types with characteristics	PSO 2 PSO 3	An, Ap
CO-3	Explain about the use of AAC in apraxia.	PSO 4	R
CO-4	What are the various behavioral management options for childhood dysarthria?	PSO 5	C
CO-5	What is the role of speech language pathologist in neonatal intensive care and feeding management?	PSO 2	An, Ap
CO-6	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B 4.2 LANGUAGE DISORDERS IN CHILDREN	
Code		U17AS4MCT20	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Explain the theories of language acquisition.	PSO 1 PSO 4	R, E
CO-2	Define Autism Spectrum Disorders. Explain in detail about the causes, classification and characteristics.	PSO 2 PSO 3	An, Ap
CO-3	Write in detail about the tests developed in India for assessing language disorders	PSO 4	R
CO-4	Describe about the application of AAC in childhood language disorders	PSO 5	C
CO-5	Prepare SOAP for Learning Disability	PSO 2	An, Ap
CO-6	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B 4.3 DIAGNOSTIC AUDIOLOGY: PHYSIOLOGICAL TESTS	
Code		U17AS4MCT21	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Elaborate on Eustachian tube function tests.	PSO 3 PSO 1	R, Ap
CO-2	Explain the instrumentation and classification of AEP's.	PSO 3	R,E, Ap
CO-3	Detail the Protocol and procedure of recording LLR.	PSO 3	R,Ap
CO-4	Describe the procedure of measurement of DPOAE and TEOAE along with its clinical applications.	PSO 1 PSO 4	R,Ap
CO-5	Carry out various physiological tests to assess the function of vestibular system.	PSO 3 PSO 4	R,E, Ap
CO-6	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B 4.4. IMPLANTABLE HEARING DEVICES	
Code		U17AS4MCT22	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Fitting of implantable devices requires a team management approach. Justify.	PSO 1 PSO 3	U
CO-2	Elaborate on the candidacy criteria and the components of bone anchored hearing aids.	PSO 4	R
CO-3	Discuss different audiological and non-audiological candidacy criteria for fitting of cochlear implants.	PSO 2	R, Ap
CO-4	Write in detail about the post mapping audiological evaluation.	PSO 3	C
CO-5	Discuss various factors affecting outcome of implantable devices in adults and children.	PSO 5	An, E
CO-6	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B 4.5 CLINICALS IN SPEECH LANGUAGE PATHOLOGY	
Code		U17AS3MCP23	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Administer formal assessment of voice	PSO 4	Ap
CO-2	Analysis of language components for Form, content & use	PSO 4	An
CO-3	Prepare assessment protocol for children with motor speech disorders	PSO 5	C
CO-4	Demonstrate speech & language stimulation techniques	PSO 4 PSO 1	R, Ap
CO-5	Counselling children with speech-language disorders	PSO 2	Ap

Course Title		MAJOR CORE B4.6 CLINICALS IN AUDIOLOGY	
Code		U17AS2MCP24	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Calculate pure tone average, % of hearing loss, minimum and maximum masking levels	PSO 4	R, Ap
CO-2	Perform procedures to assess the listening needs	PSO 4	An, Ap
CO-3	Counsel individuals with hearing loss	PSO 2	Ap
CO-4	Analyse the case history and arrive at a diagnosis	PSO 2 PSO 4	E, An
CO-5	Plan for Audiological test battery	PSO 5	Ap

Course Title		MAJOR CORE B 5.1 STRUCTURAL ANOMALIES AND SPEECH DISORDERS	
Code		U17AS5MCT25	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Describe the classification of cleft lip and palate.	PSO 1 PSO 4	R, E
CO-2	Explain the objective assessment of cleft lip and palate.	PSO 2 PSO 3	An, Ap
CO-3	Detail about the associated problems in mandibulectomy.	PSO 4	R
CO-4	Execute various management options for glossectomy?	PSO 5	C
CO-5	Explain about post operative counselling in laryngectomy	PSO 2	An, Ap
CO-6	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B 5.2. FLUENCY AND ITS DISORDERS	
Code		U17AS5MCT26	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Describe the development of suprasegmentals in speech.	PSO 1 PSO 3 PSO 4	U
CO-2	Define stuttering and other fluency disorders and explain its causes.	PSO 1 PSO 2 PSO 3 PSO 4	R, U
CO-3	Detail about the development of stuttering.	PSO 1 PSO 2 PSO 4 PSO 3 PSO 5	R, U, An
CO-4	Execute techniques used in the management of stuttering and explain with its rationale.	PSO 1 PSO 4	U, Ap
CO-5	Explain the management for neurogenic stuttering.	PSO 1 PSO 3 PSO 5	R,U
CO-6	Differentiate between various fluency disorders and their differential diagnosis	PSO 1 PSO 2 PSO 3 PSO 4	An
CO-7	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B.5.3. PAEDIATRIC AUDIOLOGY	
Code		U17AS5MCT27	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Identification of auditory development from 0 to 2 years.	PSO 3 PSO 1	R, Ap
CO-2	Describe about the effects of neuroplasticity.	PSO 3	R,E, Ap
CO-3	Identify the characteristics of ANSD and formulate a test battery to diagnose it.	PSO 3	R,Ap
CO-4	Describe importance of hearing screening in preschool children and school children.	PSO 1 PSO 4	R,Ap
CO-5	Describe about various diagnostic test battery for different age groups.	PSO 3 PSO 4	R,E, Ap
CO-6	Formulate appropriate test protocol for a children with processing difficulties.	PSO 3 PSO 1	R,E, Ap
CO-7	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B 5.4. AURAL REHABILITATION IN CHILDREN	
Code		U17AS5MCT28	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Identify the barriers to acoustic audibility	PSO 1 PSO 3	U
CO-2	Differentiate auditory oral approach and auditory verbal therapy.	PSO 4	R
CO-3	Describe optimum listening and learning environment and its importance in communication.	PSO 2	R, Ap
CO-4	Describe about analytic and synthetic training objectives and procedure	PSO 3	C
CO-5	Administration of therapy tools developed for individuals with hearing impairment in India.	PSO 5	An, E
CO-6	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B5.5 CLINICALS IN SPEECH LANGUAGE PATHOLOGY	
Code		U17AS2MCP29	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Administer formal assessment of fluency	PSO 4	Ap
CO-2	Analysis of components of speech	PSO 4	An
CO-3	Prepare assessment protocol for individuals with fluency disorder and maxillofacial anomalies	PSO 5	C
CO-4	Demonstrate speech & language stimulation techniques	PSO 4 PSO 1	R, Ap
CO-5	Counselling children with fluency disorder and maxillofacial anomalies	PSO 2	Ap

Course Title		MAJOR CORE B5.6 CLINICALS IN AUDIOLOGY	
Code		U17AS2MCP30	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Administer Audiological test battery	PSO 4	R, Ap
CO-2	Perform procedures to assess the listening needs	PSO 4	An, Ap
CO-3	Counsel parents regarding hearing status of the child	PSO 2	Ap
CO-4	Carry out listening training and	PSO 1	R, Ap
CO-5	Plan activities for listening training	PSO 5	Ap

Course Title		MAJOR CORE B 6.1 MOTOR SPEECH DISORDERS IN ADULTS	
Code		U17AS6MCT31	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Explain the subjective assessment of dysarthria.	PSO 1 PSO 4	R, E
CO-2	Detail about the differential diagnosis between dysarthria and aphasia	PSO 2 PSO 3	An, Ap
CO-3	Explain about the characteristics and causes of verbal and nonverbal apraxia in adults	PSO 4	R
CO-4	Explain the role of multidisciplinary team in the management of dysarthria and apraxia in adults.	PSO 2	An, Ap
CO-5	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B 6.2. LANGUAGE DISORDERS IN ADULTS	
Code		U17AS2MCT32	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Identify the neuroanatomical correlates of language function.	PSO 1 PSO 3 PSO 4	U, R
CO-2	Detail about the neurolinguistic models of language function.	PSO 1 PSO 2 PSO 3 PSO 4	R, U
CO-3	Plan assessment and intervention for neurological language disorders	PSO 1 PSO 2 PSO 4 PSO 3 PSO 5	Ap, An, E
CO-4	Explain the differential diagnosis between aphasia and dementia.	PSO 1 PSO 4	U, Ap
CO-6	Execute language intervention strategies for individual diagnosed with Brocas aphasia.	PSO 1 PSO 3 PSO 4	An, C
CO-7	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B.6.3 AURAL REHABILITATION IN ADULTS	
Code		U17AS6MCT33	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Write about the scope of aural rehabilitation in adults.	PSO 1	R
CO-2	Describe the steps involved in listening training to improve speech and musical perception.	PSO 3	R,E
CO-3	Brief about various communication strategies available to enhance communication.	PSO 3	R,Ap
CO-4	Identify various assistive listening devices available to repair communication breakdown	PSO 1	R,Ap
CO-5	Describe the various auditory and non-auditory barriers to communication	PSO 3 PSO 4	R,E, Ap
CO-6	Undergo Clinical postings, Workshop, Clinical conference thereby aiding in Employability, Entrepreneurship and skill development	PSO 1 to PSO 5	Ap, C

Course Title		MAJOR CORE B.6.4 AUDIOLOGY IN PRACTICE	
Code		U17AS6MCT34	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Write a note on various legislations and conventions relating to disability.	PSO 1 PSO 4	R, E
CO-2	Describe various stage of prevention and its importance	PSO 2 PSO 3	An, Ap
CO-3	Briefly write a note on audiological service delivery at different settings.	PSO 4	R
CO-4	Write in detail about the audiological and non audiological effects of noise exposure.	PSO 5	C
CO-5	Describe scope and practice of tele audiology.	PSO 2	An, Ap

Course Title		MAJOR CORE B6.5 CLINICALS IN SPEECH LANGUAGE PATHOLOGY	
Code		U17AS2MCP35	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Administer formal tests of ALD and MSD assessment	PSO 4	Ap
CO-2	Analyse formally and informally the components of speech and language	PSO 4	An
CO-3	Prepare assessment protocol for individuals with dysphagia	PSO 5	C
CO-4	Demonstrate therapy techniques for voice and fluency	PSO 4 PSO 1	R, Ap
CO-5	Counseling individuals with aphasia and dysarthria	PSO 2	Ap

Course Title		MAJOR CORE B6.6 CLINICALS IN AUDIOLOGY	
Code		U17AS2MCP36	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Administer Audiological test battery	PSO 4	R, Ap
CO-2	Perform mapping	PSO 4	An, Ap
CO-3	Counsel parents regarding hearing status of the child	PSO 2	Ap
CO-4	Carry out AVT	PSO 1	R, Ap
CO-5	Plan activities for AVT	PSO 5	Ap

Course Title		MAJOR CORE B7.1 CLINICALS IN SPEECH LANGUAGE PATHOLOGY	
Code		U17AS2MCP37	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Administer formal tests speech language pathology	PSO 4	Ap
CO-2	Analyse formally and informally the components of speech and language	PSO 4	An
CO-3	Prepare referral letter	PSO 5	C
CO-4	Demonstrate therapy techniques for speech and language	PSO 4 PSO 1	R, Ap
CO-5	Counseling individuals with speech and language disorder	PSO 2	Ap

Course Title			
Code		U17AS2MCP38	
CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Administer Audiological test battery	PSO 4	R, Ap
CO-2	Perform appropriate referral	PSO 4	An, Ap
CO-3	Counsel parents and individuals with hearing loss	PSO 2	Ap
CO-4	Manage individuals with vestibular disorders	PSO 1	R, Ap
CO-5	Plan rehabilitation for individuals and adults with hearing loss	PSO 5	Ap