

Audiology and Speech Language Pathology

1. Speech Language Pathology

S.N.	Title	Content	Target Group	Resource Persons	No. of Days
1	Communication Assessment and management strategies for autism spectrum disorders	Eclectic and other approaches, Communication development strategies, Documentation needs	Speech & Language Pathologists and other professionals dealing with persons with ASD	Speech Language Pathologists/Special Educators in Autism	3 days
2	Swallowing disorders in children and adults	Assessment, Approaches to management and documentation	Speech Language Pathologists and Audiologists	Speech Language Pathologists	3 days
3	Acoustical and perceptual analysis of voice	Acoustic analysis, Spectrography, stroboscopy, Aerodynamic analysis, Perceptual analysis	Speech Language Pathologists and Audiologists	Speech Language Pathologists	3days
4	Approaches in voice therapy	Behavior / voice facilitation therapy, psychological approaches, physiologic approach, hygienic approach and holistic approaches	Speech Language Pathologists and Audiologists	Speech Language Pathologists	3 days
5	Instrumental measurements for analysis of voice and speech	Instruments and gadgets, softwares to analyse speech production mechanism	Speech Language Pathologists and Audiologists	Speech Language Pathologists	3 days
6	Advances in fluency disorders and management	Stuttering rating scales, Strategies for management, Evidence based studies	Speech Language Pathologists and Audiologists	Speech Language Pathologists	3 days
7	Analysis and management of Cleft Speech	Cleft lip and palate – applied anatomy and pathophysiology, assessment of speech, universal protocol, surgical treatment and therapy, team approach	Speech Language Pathologists and Audiologists	Speech Language Pathologists	3 days

8	Advances in Neuro Cognitive communication disorders – Assessment and Management	Neuro Cognitive Behaviour, conditions affecting neuro-cognitive behaviour, Assessment – types & needs for norm based test, non-behaviour test, Case presentation and discussion on strategies for communication development	Speech Language Pathologists & Audiologists/ psychologists	Speech Language Pathologists/ Neuro-cognitive Scientists/ Neuro-psychologists	3 days
9	Transcription and analysis strategies in language disorders	Narrow & broad transcription rules, Narrating analysis, inferencing skills, bilingual/multi- lingual issues	Speech Language Pathologists	Speech Language Pathologists and Linguists	3 days
10	Advances in Management of Persons with Adult language disorders	Issues related to language assessment – bilingual, informal/criterion referencing assessment and Management strategies	Audiologists and Speech Language Pathologists	Neuro-Cognitive Scientists/Speech Language Pathologists	3 days
11	Recent developments in AAC	Introduction to AAC, Approaches and types, AAC for Indian set ups, Digital technology, Use of computers and ALDs, ISL, Govt. schemes and assistance	Audiologists and Speech Language Pathologists, Special Educators	Autism/CP Experts & Speech Language Pathologists & Special Educators	3 days
12	Language assessment in children	Language development and developmental schedules, structured and unstructured assessment, Indian research	Audiologists and Speech Language Pathologists	Speech Language Pathology Experts	3 days
13	Advances in assessment and management of phonological and articulatory disorders	Phonological errors and analysis, Articulation test (language specific), Therapeutic strategies and recent developments, Phonological awareness + hands on experience	Audiologists and Speech Language Pathologists and Clinical Linguists	Speech Language Pathologists	3 days
14	Development of Intelligible speech in children with impaired Language	Normal aspects of speech production, Abnormal speech: Norms, Assessment: perceptual and instrumental analysis, Practicals in	Audiologists & Speech language Pathologists/ Special Educators	Speech Language Pathologists/ Audiologists/Special Educators,	5 days

		tests and tools		HI/MR/LD, etc	
Audiology					
1	Recent Developments in the amplification Technology	Hearing aids and amplification devices, Different Selection and fitment strategies, Orientation and demonstration, Cochlear implant	Audiologists & Speech Language Pathologists	Audiologists/ Electronic Industry Personnel	3 days
2	Advances in management of persons with HI	Advances in aural rehabilitation, AVT and other issues in the Indian context	ASLPS Special Educators(HI)	Speech Language Pathologists/ Audiologists/Special Educators (HI)	3 days
3	Auditory test battery approach to CAPD	Classification & features of CAPD, Auditory and non-auditory tests, Findings with different levels of CAPD	Audiologists and Speech Language Pathologists	Neuro-Audiology Experts	3 days
4	Audiological issues in cochlear implantation	Candidacy, pre-implantation testing, mapping and post cochlear implant management	Audiologists and Speech Language Pathologists	Cochlear Implant Engineers/Product Specialist & Audiology Experts + AVT Educators	3 days
5	Aural amplification strategies and management	New developments in aural rehabilitation, Effective use of individual and classroom amplification devices, Auditory management strategies + practicum (5 days with practicum)	Audiologists & Speech Language Pathologists	Audiologists/ Electronics Engineers	3/5 days
6	Advances in Auditory Electro Physiological Evaluation	AEPS, ASSR, VEMP, immittance, Demonstration + hands on experience	Audiologists and Speech Language Pathologists	Audiologists	3/5 days
7	Workshop on Screening procedures for Early Identification of Hearing Impairment	Identification of Hearing Impairment, Different screening procedures for identification of hearing loss in all age groups, Aim of screening, Hands on experience on screening, Testing methods	Special Educators, DHLS	Audiologists	5 days
8	Parent-Infant	Understanding causes, extent and	Audiologists &	Speech Language	5 days

	Programme and Mother's Training	impact of hearing impairment, Assessment of loss, audiometry, amplification, Care and management of hearing aids	Speech language Pathologists/ Special Educators (HI)	Pathologists/ Audiologists/Special Educators (HI)	
General topics for Speech Language Pathologists and Audiologists					
1	Legislations and specific implications on practice of ASLPS	UNCRPD, PWD, CPA, RTE, RTI, etc., Efficacy studies leading to evidence in assessment, intervention and documentation medicolegal	Speech & Language Pathologists and Audiologists	Speech Language Pathologists/ Audiologists/Experts on Legislations	3 days
2	Technology and instrumentation in SLP and Audiology	Analogue and digital technology, Signal manipulation, Signal detection theories, Digital technology for speech analysis and hearing aids	Audiologists and Speech Language Pathologists	Electronic/Acoustic Engineers/ Audiologists/Speech Language Pathologists	3 days
3	Establishing private practice in Audiology and Speech Language Pathology	Planning and setting up of a private practice clinic, Ethics related to practice, Establishing rapport with other professionals, Reporting and documentation	Audiologists and Speech Language Pathologists	Speech Language Pathologists & Audiology Experts	3 days
4	Basic life support skills	Concept and scope for a SLP Terminologies, definition and applications steps involved in execution of BLS. Handling emergencies – demonstration & hands on experience with dummies	Audiologists and Speech Language Pathologists	Emergency & Trauma care physicians.	3 days
5	Legislation and audiological practice	Legislations: Noise Control & Pollution Act, Consumer Protection Act, Right to Information Act, MRTP Act, NIHL – Compensation and Occupational Health Hazard Act, Documentation: Audiologists as a witness and implication to practice	Audiologists	Industrial Audiologists/ASLPS Experts	3 days
6	Calibration of	Demonstration of equipment	Audiologists,	Audiologists/	3/5 days

	equipment related to audiology and speech language pathology	needed for calibration, Standards for calibration, Procedures of calibration (demonstration) + Hands on experience	Electronic Engineers, Speech Language Pathologists and industry personnel	Electronic Engineers/ Industry	
7	Training to be a teacher in a SLPA college/institute	Teaching – learning methods – principles, technology, evaluation process, Examinations, setting question papers, counseling and mentoring, micro – teaching	Audiologists and Speech Language Pathologists	Senior teachers in Speech Language Pathologists & Audiology, educationalist, psychologists	3/5 days