

Ph.D. (Audiology)

Ph.D. (Audiology) (Affiliated to University of Mysore)	
Duration of the programme	Three years
Total No. of Seats (Junior Research Fellowship)	09

The programme aims at increasing the quality and quantity of research in the area of Audiology and Hearing Sciences. The faculty of AIISH are recognized by the University of Mysore as guides for Ph.D. The institute has state-of-the-art test facilities and equipment, clientele and collaboration to undertake research in a wide range of area under Audiology and Hearing Sciences. The areas include auditory physiology, psychophysics, speech perception, Diagnostic Audiology, Rehabilitation Audiology, Industrial and Forensic Audiology, Educational Audiology, Paediatric and Geriatric Audiology.

Admission Eligibility for Junior Research Fellowship

- 1) Candidates should have passed M.Sc. (Aud) / M.Sc. (Sp. & Hg.) / MASLP / M.ASLP degree examination of the University of Mysore or any other examination considered equivalent by the University of Mysore with a minimum of 55% (50% in the case of SC/ST) marks.
- 2) One year work / research experience after M.Sc. (Aud) / M.Sc. (SLP) / M.Sc. (Sp. & Hg.) / MASLP / M.ASLP.
- 3) Candidates should have passed the entrance examination for Ph.D. conducted by University of Mysore.

Mode of Selection

- a) Candidates have to pass the entrance examination conducted by the University of Mysore. Exemption from entrance examination is as per University of Mysore regulations.
- b) Candidates who pass in the entrance examination need to appear for an interview before a selection committee constituted for the purpose by the Director of the institute. Based on the merit list and availability of seats, candidates are admitted to the Ph.D. programme.
- c) The candidates are governed by the rules and regulations of AIISH Fellowship.
- d) The candidates will have to undergo a 16 week course work stipulated by the University of Mysore and pass in the examination before they can register for Ph.D.

Fellowship:

Fellowship will be awarded to 09 students every year in the field of Audiology

- Rs.20,000/- per month during first year
- Rs.22,000/- per month during second year
- Rs.25,000/- per month during third year
- HRA as per rules
- Rs.20,000/- per annum contingency grant

Recognized guides

- Dr. P Manjula
- Dr. K Rajalakshmi
- Dr. Animesh Barman
- Dr. U Ajith Kumar
- Dr. M Sandeep
- Dr. Prawin Kumar
- Dr. Sujeet Kumar Sinha
- Dr. Niraj Kumar Singh

Distribution of seats

Category	No. of Seats
General Merit	04
Economically Weaker Section (EWS)\$	01
Scheduled Caste	01
Scheduled Tribe	01
OBC#	02
Total	09

Non-creamy layer of the Central Government OBC list

\$ On submission of Income & Asset Certificate

Fees per year for Ph.D. (Audiology)

Particulars	AIISH fees	UOM fees**
Tuition Fee*	2500	
Library	440	
Laboratory	2500	
Identification card Δ	60	
Infrastructure charges	3125	
Computer facilities	315	
Journal	60	
NSS	30	
Red Cross	50	
Application with enrolment fee		925
Registration		3725
Total : GM/EWS	9080	
SC/ST	6580	
Foreign Nationals	18000	15540
Special fee for candidates from outside Karnataka	-	5605

Note: All payments are in Indian Rupees.

All fees are subject to revision as per the decision of the competent authority.

* Tuition fee exempted for SC/ST candidates.

** SC/ST/Cat.1 students are given 50% concession in payment of all fees pertaining to research programme by University of Mysore.

Δ Only for the first year and not for external candidates.

List of Guides and their areas of interest

Audiology

Guide: **Dr. P Manjula**, Professor of Audiology
 Area of interest: Rehabilitation Technology, Amplification Devices, Cochlear Implants
 No. of vacancy: 04
 Ongoing: 04
 Awarded: 08

Sl. No.	Name of the candidate	Topic	Year
Ongoing			Regd. in
1	Vikas M D	Effects of Temporal Resolution, Working Memory, and Personality on Hearing Aid Benefit in Older Adults	2016
2	Priyanka Jaisinghani	Validation of Speech Enhancement and Noise Reduction Strategies in Individuals with Sensorineural Hearing Loss and Auditory Neuropathy Spectrum Disorders	2018
3	Sreena E N	Preferred Compression Amplification Setting for Individuals with Varying Audiogram Configurations	2018
4	Husna Firdose	(yet to finalize the topic)	2019
Awarded			
1	Hemanth N	Representation of Amplified Speech at the Brainstem and Cortical Levels of the Auditory Pathway in Individuals with Sensorineural Hearing Loss	2015
2	Geetha C	Optimization of Compression Parameters in Hearing Aids using Aided Audibility Index	2016
3	Sharath Kumar K S	Effect of Noise Reduction Algorithms(NRA) in Hearing Aids on Acoustic and Perceptual Measures	2017
4	Ganapathy M K	The Effect of Age and Noise on Acoustic Change Complex	2017
5	Reuben Jebaraj P	Influence of Hearing Aid Fitting Strategies on Speech Recognition in Individuals with Sloping Hearing Loss	2018
6	Sreeraj K	Comprehensive Audiological Characterization of Tinnitus in Individuals with Normal Hearing	2018

Guide: **Dr. K. Rajalakshmi**, Professor of Audiology
Area of interest: Psychoacoustics, Sign Language, Amplification Devices, Auditory Processing Disorders, Music Perception
No. of vacancy: 01
Ongoing: 07
Awarded: 02

Sl. No.	Name of the candidate	Topic	Year
	Ongoing		Regd. in
1	Pavan M	Investigation of Mechanisms Underlying Poor Speech Perception in Individuals with Cochlear Hearing Loss based on Recovered Envelope Cues and the Contribution of Temporal Fine Structure Cues in Sequential Stream Segregation	2014
2	S S Vignesh	Auditory Vestibular Functions in Individuals with Multiple Sclerosis	2015
3	Anuprasad S	Auditory Processing and Auditory Working Memory in Children with Benign Epilepsy with Centrottemporal Spikes	2015
4	Prajna Bhat J	Brainstem Neurophysiological Correlates of Pitch Coding in Vocal and Instrument Musicians	2015
5	Darga Baba Fakuuddin	Effect of Age, Hearing Loss and Working Memory on Speech Recognition in Naive Hearing aid Users	2015
6	Merin Mathews	Audio Visual Speech Perception in Individuals with ANSD: Effect of Audio Visual Training Evidenced Through ERP and Behavioral Measures	2018
7	Krupa Saira George	Effects of Native and Non Native Babble Background on Speech Identification of Individual with Normal Hearing and Hearing Impairment	2018
	Awarded		
1	Ravanan M P	Computerized Therapy Modules in Kannada for Children with Auditory Processing Disorders	2007
2	Priyanka V	Temporal Processing, Auditory Working Memory and Speech Perception in Noise in Vocalists, Violinists and Non-Musicians	2019

Guide: **Dr. Animesh Barman**, Professor of Audiology
 Area of interest: Auditory Physiology, Diagnostic Audiology
 No. of vacancy: 04
 Ongoing: 03 (+1 co-guide)
 Awarded: 03

Sl. No.	Name of the candidate	Topic	Year
	Ongoing		Regd. in
1	Arunraj K	Clinical Validation of Wideband Absorbance Tympanometry in Detecting Middle Ear Disorders	2014
2	Jawahar Anthony P	Stream Percept with Sinusoidally Amplitude Modulated Stimuli and its Relation with Speech Perception in Noise in Individuals with Normal Hearing And Sensorineural Hearing Loss.	2014
3	Srikar V	Auditory Continuity Illusion and Perceptual Restoration of Speech in Noise: Relationship with Speech Intelligibility in Noise in Individuals with Normal Hearing, and Cochlear Hearing Loss	2014
	Co-Guide		
4	Jyothi S	Child Directed Speech Versus Adult Directed Speech: Comparison of Acoustic Measures between Mothers of Typically Developing Children and Children with Hearing Impairment	2018
	Awarded		
1	Sujeet Kumar Sinha	Effect of Aging on Brainstem Processing of Speech Sounds: an Electrophysiologic Study	2014
2	Niraj Kumar Singh	Frequently Tuning Properties of Ocular Vestibular Evoked Myogenic Potentials in Healthy Individuals and Individuals with Some Vestibular Pathologies	2015
3	Prashanth Prabhu	Amplification Strategies to Improve Aided Speech Perception in Individuals with Auditory Neuropathy Spectrum Disorder	2018

Guide: **Dr. Ajith Kumar U**, Professor of Audiology
Area of interest: Auditory Physiology, Diagnostic Audiology
No. of vacancy: 03
Ongoing: 05
Awarded: 06

Sl. No.	Name of the candidate	Topic	Year
	Ongoing		Regd. in
1	Anoop B J	Cognitive and ERP Measures of Informational Masking in Young and Elderly Normal Hearing Individuals	2016
2	Sahana V	Auditory and Cognitive Profiling in Normal Hearing Individuals with Occupational Noise Exposure	2018
3	Jim Saroj Winston	Effect of Short Term Musical Training on Psycho Acoustical, Electrophysiological and Working Memory Measures.	2018
4	Priyadarshini K	Effect of Auditory Training using Envelope Enhanced Speech on Speech Perception Abilities in Persons with Auditory Neuropathy Spectrum Disorder	2018
5	Deepashree S R	Auditory Brainstem Responses and Otoacoustic Emissions in Infants Born to Mothers with Iron Deficiency Anaemia	2018
	Awarded		
1	Devi N	Auditory Evoked Potential Correlates of Speech and Music in Individuals With and Without Musical Abilities	2016
2	Usha Shastri	Auditory Perceptual Training of Non-native Speakers: Role of Auditory and Cognitive Factors	2016
3	Chandni Jain	Relationship among Psychophysical Abilities, Speech Perception in Noise and Working Memory in Individuals with Normal Hearing Sensitivity Across Different Age Groups	2016
4	Kumari Apeksha	Effect of Noise and Amplifications on Speech Perception in Individuals with Auditory Neuropathy Spectrum Disorders: Electro Physiological and Behavioural Study	2018
5	Nisha K V	Effects of Training on Regime on Behavioural and Electrophysiological Correlates of Auditory Spatial Processing in Individuals with Sensorineural Hearing Impairment	2018
6	Dhatri S Devaraju	Behavioral and Electrophysiological Correlates of Auditory-Visual Integration in Persons with Stuttering	2019

Guide: **Dr. Sandeep M**, Associate Professor of Audiology
Area of interest: Auditory Evoked Potentials, Diagnostic Audiology, Oto-acoustic Emissions, Speech Processing
No. of vacancy: 02
Ongoing: 04
Awarded: 03

Sl. No.	Name of the candidate	Topic	Year
	Ongoing		Regd. in
1	Dhanya M	Perceptual Cues of Coarticulation in Malayalam in Normal Hearing and Hearing Impaired Individuals	2014
2	Rakesh Gatla	Effect of Exposure to Below-Damage Risk Criteria Environmental Noise on Auditory Processing Abilities	2015
3	Yashaswini L	Categorical Perception and Processing of Speech and Music Stimuli in Individuals with and without Music Training	2015
4	Indira C P	(yet to finalize the topic)	2018
	Awarded		
1	Jithin Raj B	Effect of Acoustical Enhancement of Speech on Audio-visual perception in Individuals with Auditory Neuropathy Spectrum Disorders	2018
2	Megha	Auditory, Neuro-physiological and Cognitive Factors of Hearing Aid, Acclimatization in Individuals with Cochlear Hearing Loss	2019
3	Nike Gnanateja G	Effect of Speech Intelligibility on the Cortical Entrainment to the Temporal Envelop of Speech	2019

Guide: **Dr. Prawin Kumar**, Associate Professor of Audiology
Area of interest: Electrophysiology, Auditory Processing Disorders, Diagnostic Audiology, Rehabilitative Audiology, Speech Perception, Implantable Devices
No. of vacancy: 05
Ongoing: 01
Awarded: --

Sl. No.	Name of the candidate	विषय/Topic	Year
	Ongoing		Regd. in
1	Reesha O A	Efficacy of Computer Based Auditory Separation Training in Children with Auditory Processing Disorders	2018

Guide: **Dr. Sujeet Kumar Sinha**, Associate Professor of Audiology
Area of interest: Diagnostic Audiology, Auditory Neuropathy, Amplification Devices, Vestibular Evaluation, Auditory Physiology
No. of vacancy: 06
Ongoing: --
Awarded: --

Guide: **Dr. Niraj Kumar Singh**, Reader in Audiology
Area of interest: Diagnostic Audiology, Paediatric Audiology, Electrophysiology, Speech Perception, Auditory Physiology, Vestibular Evaluation
No. of vacancy: 06
Ongoing: --
Awarded: --