

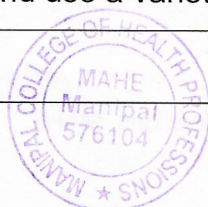
2. PROGRAM EDUCATION OBJECTIVES (PEOs)

The overall objective of the learning outcome-based curriculum framework (LOCF) for M.Sc Audiology are as follows:

PEO No.	Description
PEO 1	Students will be able to use their fundamental knowledge and clinical competence in various scientific aspects of hearing, balance, and related disorders on the basis of anatomical and physiological, cognitive, psychological, and sociological dimensions. Further, they would be capable of functioning as members of the disability certification team.
PEO 2	Students will demonstrate strong and well defined clinical / practical skills in to plan, implement, and modify clinical services across a wide range of population including individuals from culturally and linguistically diverse groups.
PEO 3	Students will be able to practice the profession with highly professional and ethical attitude, strong communication skills, and to work in an inter-disciplinary team so as to adopt an interprofessional perspective in evaluation and treatment of hearing, balance, and related disorders across the lifespan. In addition, they would be capable of participating and contributing to government and other institutions on legal and policy issues related to persons with auditory and vestibular disorders.
PEO 4	Students will be able to use interpersonal and collaborative skills to identify, assess and formulate problems and execute appropriate solutions over the span of hearing, balance, and related disorders. They would also be empowered to implement prevention and address public education programs.
PEO 5	Students will be able to imbibe the culture of research, innovation, entrepreneurship and incubation through evidence-based practice in hearing, balance, and related disorders. They would be prepared to participate & contribute to establishing and administering institutions of higher learning.
PEO 6	Students will be able to participate in lifelong learning process for a highly productive career and will be able to relate the concepts of trends and issues in the discipline of audiology. They would, in addition undertake advocacy measures on behalf of and for persons with hearing and balance disorders.

3. GRADUATE ATTRIBUTES

S No.	Attribute	Description
1	Domain Knowledge	Demonstrate comprehensive knowledge, competency and understanding of one or more disciplines that form a part of a professional domain
2	Clinical / Hands-on skills	Demonstrate clinical / hands-on skills in order to deliver and manage quality health care services
3	Communication Skills	Demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups using appropriate media.
4	Team work	Demonstrate the ability to effectively and efficiently work and collaborate with diverse teams in the best interest of health care needs of the community
5.	Professional ethics	Demonstrate the ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in professional life.
6.	Research / Innovation-related Skills	A sense of inquiry and investigation for raising relevant and contemporary questions, synthesizing and articulating.
7.	Critical thinking and problem solving	Demonstrate capacity to think critically and extrapolate from what one has learned by applying their competencies and knowledge to solve different kinds of non-familiar problems in real life situations.
8	Information/Digital Literacy	Demonstrate capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant



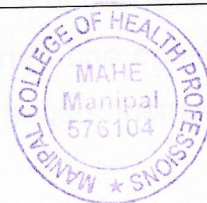
S No.	Attribute	Description
		information sources and to use appropriate software for analysis of data.
9	Multicultural Competence	Demonstrate knowledge of the values and beliefs of multiple cultures and a global perspective, effectively engage in a multicultural society, and interact respectfully with diverse groups.
11.	Leadership qualities	Demonstrate leadership capability to formulate an inspiring vision, build a team, motivate and inspire team members to attain organizational vision
12.	Lifelong Learning	Demonstrate the ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to demands of work place through knowledge/skill development/reskilling.



5. PROGRAM OUTCOMES (POs):

After successful completion of M.Sc Audiology program, students will be able to:

PO No.	Attribute	Competency
PO 1	Domain knowledge	Possess and acquire scientific knowledge to work as a health care professional
PO 2	Clinical/ Hands-on skills	Demonstrate and possess clinical and hands-on skills to provide quality health care services
PO 3	Team work	Demonstrate team work skills to support shared goals with the interdisciplinary health care team to improve societal health
PO 4	Ethical value & professionalism	Possess and demonstrate ethical values and professionalism within the legal framework of the society
PO 5	Communication	Communicate effectively and appropriately with the interdisciplinary health care team and the society
PO 6	Evidence based practice	Demonstrate high quality evidence based practice that leads to excellence in professional practice
PO 7	Life-long learning	Enhance knowledge and skills with the use of advancing technology for the continual improvement of professional practice
PO 8	Entrepreneurship, leadership and mentorship	Display entrepreneurship, leadership and mentorship skills to practice independently as well as in collaboration with the interdisciplinary health care team





MANIPAL COLLEGE OF HEALTH PROFESSIONS

MANIPAL

(A constituent unit of MAHE, Manipal)

The subject code equivalence for subjects mentioned in syllabus copy of course **M.Sc. Audiology** from the academic year **2021-22** batch. These changes have been discussed in BOS meeting held on 13.12.2021 and subsequently approved in the 70th Academic Council meeting held on 14.01.2022.

SEMESTER - I

Course Title	Old Course Code	Revised Course Code
Advanced Biostatistics & Research Methodology	ABS6101	ABS5101
Technology in Audiology	AUD6101	AUD5101
Cochlear physiology	AUD6102	AUD5102
Neurophysiology of Hearing	AUD6103	AUD5103
Hearing Sciences	AUD6104	AUD5104
Clinicals - I	AUD6131	AUD5131

SEMESTER - II

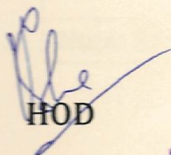
Course Title	Old Course Code	Revised Course Code
Auditory Perception	AUD6201	AUD5201
Auditory Disorders	AUD6202	AUD5202
Electrophysiological Assessment	AUD6203	AUD5203
Advances in the Management of Hearing Loss	AUD6204	AUD5204
Clinicals - II	AUD6231	AUD5231

SEMESTER - III

Course Title	Old Course Code	Revised Course Code
Genetics of Hearing and Pediatric Audiology	AUD7101	AUD6101
Implantable Auditory Devices	AUD7102	AUD6102
Speech Perception	AUD7103	AUD6103
Auditory Processing Disorders	AUD7104	AUD6104
Clinicals - III	AUD7131	AUD6131

SEMESTER - IV


Course Title	Old Course Code	Revised Course Code
Audiology in Practice	AUD7201	AUD6201
Vestibular System and its Disorders	AUD7202	AUD6202
Dissertation	AUD7251	AUD6251
Clinicals - IV	AUD7231	AUD6231


HOD

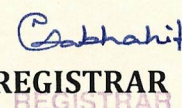
Head
Dept. of Speech & Hearing
Manipal College of Health Professions
MAHE, Manipal - 576104


DEAN
Dean

Manipal College of Health Professions
MAHE, Manipal - 576104


DEPUTY-REGISTRAR
ACADEMICS

Deputy Registrar - Academics
MANIPAL ACADEMY OF HIGHER EDUCATION
MANIPAL - 576 104


REGISTRAR

MANIPAL ACADEMY OF HIGHER EDUCATION
MANIPAL

OVERALL CREDIT DISTRIBUTION

Semester	Credit distribution					Marks Distribution		
	S	SL	PW	CL	CR	IAC	ESE	Total
I - SEMESTER	15	5	-	6	26	210	390	600
II - SEMESTER	12	4	-	6	22	80	420	500
III - SEMESTER	12	4	-	6	22	180	320	500
IV - SEMESTER	6	2	9	6	23	60	340	400
Grand Total	45	15	9	24	93	530	1470	2000

Distribution of Dissertation hours

Total of 405 hrs of dissertation work will be distributed across all the four semester as mentioned below to accommodate the regulatory body requirements.

Semester	Hours	Activities
I	2hrs/week (30hrs)	Selection of Topic, guide, literature search
II	6hrs/week (90hrs)	Research Protocol preparation, Departmental level presentation, IRC presentation, Submission for ethical approval
III	6hrs/week (90 hrs)	Develop protocol for data collection, Writing Introduction, Literature review and method
IV	13hrs/week (195 hrs)	Data collection, Guidelines to write Result and Discussion, writing dissertation, attending manuscript writing workshops, Preparation of manuscript
Total Credits	405 hrs	

