



Mr. Vitthal R. Unde

M.Sc. (ASLP)

Audiologist and Speech Language Pathologist

RCI Reg.No.: A14838

EDUCATIONAL QUALIFICATIONS:

- Completed **Master of Science (Audiology and Speech Language Pathology)** from Ali Yavar Jung National Institute for Hearing Handicapped (AYJNIHH), SRC, Secunderabad affiliated to Osmania University, Hyderabad during academic years 2008-2010 with first class.
- Completed **Bachelor of Science (Audiology and Speech Language Pathology)** from Helen Keller's Institute of Speech and Hearing, Secunderabad affiliated to Osmania University, Hyderabad during academic years 2004-08 with first class.
- Completed **Diploma in Hearing Language and Speech (D.H.L.S.)** from Ayodhya Charitable Trust's School of Special Education, Pune conducted by Ali Yavar Jung National Institute for the Hearing Handicapped (AYJNIHH), Mumbai during academic year 2003-04 with second class.
- Passed **Higher Secondary Certificate (H.S.C.) Examination** from Maharashtra State Board of Secondary and Higher secondary Examination, Pune in the year Feb-2002 with first class.
- Passed **Secondary School Certificate (S.S.C.) Examination** from Maharashtra State Board of Secondary and Higher secondary Examination, Pune in the year March-2000 with Distinction.

SCIENTIFIC PAPERS PRESENTED/ PUBLISHED:

- Presented a scientific paper entitled '**Role of intensive training in temporal resolution ability of individuals with normal hearing**' in *International Symposium on Audiological Medicine (ISAM-2009), Bhubaneswar, India*, and received Gold Medal for Best Scientific Paper for the same from hands of Padmashree Dr. Jitendra M. Hans
- Presented scientific paper entitled '**How much fluid should displace during electrode insertion in cochlear implant surgery? A hypothetical study based on Archimedes Principle**' in *International Symposium on Audiological Medicine (ISAM-2009), Bhubaneswar*
- Presented a scientific Paper entitled '**Parents Evaluation of Aural/Oral Performance in Children (PEACH) with cochlear implants and hearing aids.**' In *7th Annual Conference of Cochlear Implant Group of India, CIGICON'09, Hyderabad, India* also published in *Souvenir/ Abstract book of the same*
- Presented a scientific paper entitled '**Parents Evaluation of Aural-oral Performance in Children (PEACH) scores with cochlear Implants using Bimodal Stimulation**' under *Poster presentation in CIGICON 2012, Ahmedabad*
- Presented a scientific paper entitled, '**Meaningful Auditory Integration Scale (MAIS) scores in children with cochlear Implants using Bimodal Stimulation**' under *Poster presentation in CIGICON 2012, Ahmedabad*
- Presented a scientific paper entitled, '**Spoken word recognition for spectrally reduced speech in Cochlear implants: A simulation study**' under *Poster presentation in CIGICON 2012, Ahmedabad*
- Presented a scientific paper entitled, '**Clinic, Cochlear Implantee and Company-Interaction Study: A Long Term Journey.....**' under *Poster presentation in CIGICON 2012, Ahmedabad*

DISSERTATION / JOURNAL CLUB / CLINICAL CONFERENCE:

- Submitted The dissertation entitled '**Multi-ear multi-frequency auditory steady-state responses recorded with Intelligent Hearing Systems in individuals with sensori neural hearing loss.**' in part fulfillment of Master of Science (Audiology, Speech and Language Pathology) To Osmania University, Hyderabad
- Presented an article '**French, M. L. (1999). Electrical impedance measurements with the CI24M cochlear implant for a child with Mondini dysplasia. British Journal of Audiology, vol.33, pp:61-66**' in Journal Club conference during first year of post-graduation.
- Presented a case on '**Audiological findings in adult case with auditory neuropathy**' in Clinical Conference during third year of graduation in Audiology, Speech and language pathology.

FUTUTRE RESEARCH:

- Robotics and Cochlear Implant Patents
- On bringing tinnitus waveform in computer....
- Development of tailor made masker stimuli for individuals with retro-cochlear tinnitus.
- Development of Psychoacoustic software programme for tinnitus matching and tinnitus grading.
- Psychoacoustic perspective on Signal Detection Theory and ROC Curves analysis in Cochlear Implants.
- Development of software programme for calculation of percentage of Hearing Impairment.

SCIENTIFIC SESSIONS / CONFERENCES / WORKSHOPS ATTENDED:

- Participated in Five Days Workshop on '**Specialist Skill in Auditory Verbal Therapy**' by **Hear and Say, Australia** from 25-29 April 2017, at Ali Yavar Jung National Institute of Speech and Hearing Disabilities, Mumbai
- Participated in '**PRANAV 2016- A National Workshop on Empowerment of Persons with Hearing Impairment (DIVYANGJAN)**' held in Pune by SAKSHAM on 24-25 December 2016.
- Participated in National Conference of Indian Speech and Hearing Association (**ISHACON**) held at Calicut, Mangalore, Pune & Hyderabad in the years 2007, 2008, 2009 & 2012 respectively.
- Participated in 1st Regional Conference of **MISHA** (Maharashtra Branch of Indian Speech and Hearing) held at Pune in 2005.
- Participated in '**Intermediate Course for Practitioners**' conducted by Widex Academy India, at Pune on 13th -14th July 2007.
- Participated in the seminar on '**Auditory Verbal Therapy and Parent Training Programme.**' On 1st & 2nd March 2008 held at Sweekar Academy of Rehabilitation Sciences, Secunderabad
- Attended a seminar on '**Neuroaudiologic Assessment & Management**' conducted at Sweekar Rehabilitation Institute for Handicapped on 27th August 2008.
- Attended a workshop on "**Standards & Calibration of Audiologic & Speech Equipment**" conducted at Sweekar Rehabilitation Institute for Handicapped in collaboration with Ali Yawar Jung National Institute for Hearing Handicapped ,Mumbai on 24th -26th July 2008.
- Successfully completed hands on training on Ziga, Essence, Dot (receiver in the canal technology), Pulse for open fitting hearing instrument family including Aventa 2.6 Software, in a workshop organised by Hellen Keller's Institute of Speech and Hearing, Secunderabad, on 27th July 2008.
- Attended two days short term training programme on '**Research in Education of the Children with Hearing Impairment.**' held at Ali Yawar Jung National Institute for Hearing Handicapped, Southern Regional Center on 17th & 18th November 2008.
- Attended the **Pre Conference Workshop for Audiologists** of 7th Annual Conference of Cochlear Implant Group of India, CIGICON'09 Hyderabad, on 5th November 2009.
- Participated in 7th Annual Conference of Cochlear Implant Group of India, **CIGICON'09 Hyderabad**, on 6th to 8th November 2009.
- Participated in 10th Annual Conference of Cochlear Implant Group of India, **CIGICON'09 Ahmedabad**, on 22nd to 24th November 2012.

COMPUTER / SOFTWARE SKILLS:

- Successfully Passed **MS-CIT (Maharashtra State Certificate in Information Technology)** Examination conducted by Competent Authorities MKCL (Maharashtra Knowledge Corporation Limited, Pune) and MSBTE (Maharashtra State Board of Technical Education, Mumbai).
- Successfully completed **MS-OFFICE (2007)** Program in **A+ Grade** from **MKCL, MITCON & ETH Lab** Authorized Creative Computers, Shirur, District-Pune.
- Familiar with **Computer Programming of Hearing Aids** and **Cochlear Implants (Mapping)**.
- Sound working knowledge of Internet, Statistical Package for Social Sciences (SPSS), Adobe Audition 1.0, Praat, Wave Surfer, Cool Edit Pro etc.

EXPERIENCE:

- Presently working as Audiologist and Speech Language Pathologist in Gajanan Hospital, Advanced Endoscopic ENT Surgery Center and Snoring Treatment Center, Ahmednagar since September 2013.
- Worked as an audiologist in C.U.Shah Medical College & Hospital as well as Lecturer in C.U.Shah College of Audiology and Speech language Pathology, Surendranagar (Gujarat). Work responsibilities included
 - Took regular lectures on graduate audiology students, taught following papers to BASLP students
B1.3. Introduction to hearing and hearing sciences

B1.4 Management of the hearing impaired.

B 2.6 Technology & Amplification Devices for Persons with hearing Impairment.

B 2.7 Paediatric Audiology

B 3.4 Noise measurements and Hearing Conservation

- Diagnostic audiological evaluation including pure tone audiometry, impedance audiometry, special tests, brainstem evoked response audiometry, otoacoustic emissions, tinnitus evaluation and retraining therapy.
 - Active participation in intra and postoperative pure tone audiometry evaluation of middle ear surgery cases.
 - Active participation in various case discussions with ENT surgeons and resident ENT doctors.
 - Delivered a presentation/ Lecture at the Workshop on 27-12-2012 about 'Hearing Impairment' for teachers of "Differently Abled Children" under "Sarva Shiksha Abhiyan" of Government of Gujarat
 - Active participation in various camp activities conducted by medical college within and outside of college campus in the state of Gujarat.
- **Internship experience:** Completed 12 months internship in well known cochlear implant centers / audiology clinics. Details are as follows:
 1. Big Ears, King Edward Memorial Hospital, Pune (Duration: 3 months)
 2. Apollo Hospitals, Banjara Hills, Hyderabad (Duration: 3 months)
 3. Senso Hearing Center, Pune (Widex India Pvt. Ltd.) (Duration: 3 months)
 4. Helen Keller's Speech & Hearing Clinic, Hyderabad (Duration: 3 months)
 - Conversant with evaluation process of hearing and diagnosis of various hearing problems and well versed with different audiological tests like Pure tone audiometry (PTA), Impedance audiometry, Special tests (TDT, SISI, ABLB), Brainstem evoked response audiometry (BERA), Oto-acoustic emissions (OAE), Auditory steady-state response (ASSR) testing, Vestibular evoked myogenic potentials (VEMP).
 - Have knowledge about prescription of various types of hearing aids and various real ear measurement (REM) procedures.
 - Adept at evaluation and treatment of various auditory disorders.
 - **Competency in Four Languages: English, Hindi, Marathi & Gujarati**

REGISTRATION / MEMBERSHIP :

- Registered Rehabilitation Professional under Rehabilitation Council of India (RCI) : **CRR No. A14838**
- Member of Indian Speech and Hearing Association (ISHA), **Reg. no.: L-1652**
- Member of Indian Association of Rehabilitation Professionals (IARP), **Reg. no.: IARP/GM/DRL/048**