**ASSIGNMENT**

# Information Management in Speech, Language and Hearing

**Submitted To:** Mr. Shijithkumar A **Submitted By:** M Raja suman I M.Sc. AUD Sec ‘B’

1. Write a summary of your research interest?

**Effect of tinnitus retraining therapy for treating tinnitus in persons with hearing loss**

Tinnitus (TIN-ih-tus) is the perception of noise or ringing in the ears. A common problem, tinnitus affects about 1 in 5 people. Tinnitus isn't a condition itself — it's a symptom of an underlying condition, such as age-related hearing loss, ear injury or a circulatory system disorder. Although bothersome, tinnitus usually isn't a sign of something serious. Although it can worsen with age, for many people, tinnitus can improve with treatment. Treating an identified underlying cause sometimes helps. Other treatments reduce or mask the noise, making tinnitus less noticeable. As per the literature tinnitus retraining therapy has greater and better outcomes than the other treatment procedures in treating tinnitus. So the study mainly focuses on the outcomes of TRT in hearing loss patients who are experiencing tinnitus. There is a significant effect of TRT in tinnitus management for persons with hearing loss. In the present study persons who have a complaint of tinnitus with hearing loss range from mild to moderate are included.

Age range for inclusion: 25-50 years

Persons with conductive and mixed hearing loss are excluded from the study

* 1. Any 5 scientific journals from among AIISH subscriptions:

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| **S. No.** | **Name of the Journal** | **Publisher** | **Volume No., and Year** |
| 1. | Ear and Hearing | American Auditory Society | V.no 1; 1980+ till 2017 |
| 2. | Journal of Speech Language and Hearing Research | ASHA | V. No. 1 (1 – 4), 1958 to V. No. 60 (1 – 3), 2017 |
| 3. | Hearing Research | Elsevier | V.no (1-31); 1978-87 |
| 4. | International Journal of Audiology | Informahealtcare | 41; 2002+ |
| 5. | American Journal of Audiology | American Speech-Language-Hearing Association | 11; 2002+ |

* 1. Any 10 books available in AIISH L & IC:

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| **S. No.** | **Name of the Book** | **Author** | **Year** | **Publisher** | **Ac. No.** |
| 1. | Human Auditory Evoked Potentials | Terence W.Picton | 2011 | Plural publishing | 17775 |
| 2. | Audiology Diagnosis | Ross J Roeser, Michael valente, Holly hosford | 2007 | Thieme Publications | 17727 |
| 3. | Auditory diagnosis: Principles and applications | Shlomo Silman,Carol A Silverman | 1991 | Delmar cengage learning | 9879 |
| 4. | Auditory Evoked potentials-Basic principles and clinical applications | Robert F Burkard, Jos J Eggermont, Manuel don | 2007 | Lippincott Williams & Wilkins | 17749 |
| 5. | Introduction to the psychology of Hearing | Brain C J Moore | 1997 | Academic press | 12032 |
| 6. | Auditory Evoked Potentials-A clinical guide | Samuel R Atcherson | 2012 | Thieme Publications | 18871 |
| 7. | Clinical applications of auditory brainstem responses | Linda J Hood | 1998 | Delmar cengage learning | 19620 |
| 8. | Acoustic Communication | Simmons, Andrea Megela | 2003 | Springer- Verlag, New York | 13280 |
| 9. | Assistive Communication Aids for the Speech Impaired | Pam Enderby | 1987 | Churchill Livingstone | 09889 |
| 10. | Audiology and Communication Disorders: An Overview | Humes, Larry E. and Bess, Fred H. | 2008 | Lippincott Williams and Wilkins | 17749 |

* 1. Any 5PG dissertations:

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| **S. No.** | **Title** | **Author** | **Guide** | **Year** | **Ac. No.** |
| 1. | Acoustic Analysis of the Speech Processed through Three Amplification Strategies and their Effect on Speech Recognition Scores of Individual with Severe Hearing Impairment | Gunjan Chand | Manjula, R. | 2006 |  |
| 2. | Development of Test for the Assessment of Symbol Performance in Aided Communication (TSPAC) | Sara Paul | Manjula, R. | 2012 | AP1515 |
| 3. | Acoustic Change Complex ACC: An Electrophysiological Index for Speech Perception in Children and Adults | Kartik, N | Vanaja, C.S | 2005 |  |
| 4. | AAC in India: The Current Status of Art | Balaraju, C. | Shyamala, K. C. | 1993 | 10081 |
| 5. | Protocol for Assessment of Speech Intelligibility and Speech Naturalness in Dysarthrics in Kannada | Orin D. Silva | Manjula, R. | 2006 | 13815 |

* 1. Any 2 ARF projects:

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| **S. No.** | **Title of the report** | **Investigators** | **Year** | **Ac. No.** |
| 1. | Comparison of normal and pathological middle ears using multi-frequency tympanometry | Dr. Sandeep M. Megha, Sharath Kumar K.S., Dr. H.Sundararaju. |  |  |
| 2. | Effect of Training on Voice Projection | Savithri, S. R. | 2006-2007 | 15866 |

1. Critically evaluate the following information resources pertaining to communication disorders:
   1. Encyclopedia of Communication Disorders

It is one among the standard references in the field of communication disorders for professionals, clinicians, researchers, and students for clinical use, Which is given by Raymond D. Kent. This is a very comprehensive volume that presents essential information on communication sciences and disorders that effect the production of the spoken language, language comprehension, voice and hearing. These categories are again divided into Basic Science, Disorders, Clinical Assessment and Management. The use of these four categories achieves a major categorization of knowledge but avoids a narrow fragmentation of the field at large. It is to be expected that the Encyclopedia would include cross-referencing within and across these four major categories. After all, they are integrated in the definitively human behavior of language, and disorders of communication frequently have wide-ranging effects on communication in its essential social, educational, and vocational roles. Definitions and characterization of specific disorders and materials, instrumentations for assessment, identification and diagnosis. It covers approximately all details about communication disorders of children and adults from preliminary to complex analysis, assessment, and rehabilitation options for the disordered population. Relatively few comprehensive books of similar design and purpose exist, so MITECD stands nearly alone as a resource for anyone interested in the broad field of communication disorders.

Status Disability of India, 2012.

The Status Disability of India, is published by the Rehabilitation Council of India once in five years (Department of Disability Affairs under the Ministry of Social Justice & Empowerment, Government of India). This book consists of a collaboration of information on disability and has been put to public access so that the person with disability and their stakeholders are aware of the current situation on the disability in India. The recent documentation was in 2012. It contains information about the overview on cross disability namely, hearing impairment, visual impairment, locomotor disability, mental retardation, autism, cerebral palsy, deaf-blindness, multiple disabilities, mental illness, and spinal cord injuries. Definitions, causes, associated problems, early intervention, modes of therapeutic approaches, regional service deliveries, current census and research related information are described. It also gives insight to the agencies, various disability policies, legislations, magnitude of disability in the country, institutions, current trends and developments in the areas are provided for enhancing better life for the person with the disability in the country.

Name the publishers of the AIISH subscribed e-journals?

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| **S. No.** | **Title of the Journal** | **Name of the publisher** |
| 1. | Acta Oto-laryngologica | Taylor & Francis Online |
| 2. | Advances in Autism | Emerald Publishing |
| 3. | Aging, Neuropsychology and Cognition | Taylor & Francis Online |
| 4. | American Annals of Deaf | Gallaudet University Press |
| 5. | American Journal of Audiology | ASHA wire |
| 6. | America Journal of Speech Language Pathology | ASHA wire |
| 7. | Analysis of Verbal Behavior | Springer Link |
| 8. | Annals of Dyslexia | Springer Link |
| 9. | Annals of Otology Rhinology and Laryngology | SAGE Publications |
| 10. | Aphasiology | Taylor & Francis Online |
| 11. | Applied Acoustics | Elsevier - Science Direct |
| 12. | Applied Psycholinguistics | Cambridge Core University Press |
| 13. | Archives of Otolaryngology Head and Neck Surgery | AMA Publications |
| 14. | Audiology and Neuro-Otology | Karger AG Publishers |
| 15. | Augmentative and Alternative Communication | Taylor & Francis Online |
| 16. | Autism: The International Journal of Research and Practice | SAGE Publications |
| 17. | Autism Research | John Wiley & Sons |
| 18. | Bilingualism: Language and Cognition | Cambridge Core University Press |
| 19. | Brain and Language | Elsevier - Science Direct |
| 20. | Canadian Journal of Linguistics | Cambridge Core University Press |
| 21. | Child Language Teaching and Therapy | SAGE Publications |
| 22. | Cleft Palate and Craniofacial Journal | American Cleft Palate – Craniofacial Association |
| 23. | Clinical Linguistics and Phonetics | Taylor & Francis Online |
| 24. | Cochlear Implants International | Taylor & Francis Online |
| 25. | Communication Disorders Quarterly | SAGE Publications |
| 26. | Cortex | Elsevier - Science Direct |
| 27. | Deafness and Education | Taylor & Francis Online |
| 28. | Dementia | SAGE Publications |
| 29. | Dyslexia | John Wiley & Sons |
| 30. | Dysphagia | Springer Link |
| 31. | Ear and Hearing | Lippincott Williams & Wilkins, Ovid – Wolters Kluwer |
| 32. | Education and Training in Autism and Developmental Disabilities | Taylor & Francis Online |
| 33. | Evidence Based Communication Assessment and Intervention | Taylor & Francis Online |
| 34. | Exceptional Children | SAGE Publications |
| 35. | Focus on Autism and Other Developmental Disabilities | SAGE Publications |
| 36. | Folia Phoniatrica | Karger AG Publishers |
| 37. | Gesture | Ingenta Connect |
| 38. | Hearing Balance and Communication (Audiological Medicine) | Taylor & Francis Online |
| 39. | Hearing Journal | Lippincott Williams & Wilkins, Ovid – Wolters Kluwer |
| 40. | Hearing Research | Elsevier - Science Direct |
| 41. | International Journal of Applied Linguistics | John Wiley & Sons |
| 42. | International Journal of Audiology | Taylor & Francis Online |
| 43. | International Journal of Bilingual Education and Bilingualism | Taylor & Francis Online |
| 44. | International Journal of Bilingualism | SAGE Publications |
| 45. | International Journal of Language and Communication Disorders | John Wiley & Sons |
| 46. | International Journal of Pediatric Otorhinolaryngology | Elsevier - Science Direct |
| 47. | International Journal of Speech Language and the Law (formerly Forensic Linguistics) | Equinox Publishing Limited |
| 48. | International Journal of Speech Language Pathology | Taylor & Francis Online |
| 49. | International Journal of Speech Technology | Springer Link |
| 50. | JAMA Otolaryngology Head & Neck Surgery | BioMed Central |
| 51. | Journal of Acoustical Society of America | AIP Publishing LLC |
| 52. | Journal of American Academy of Audiology | Ingenta Connect |
| 53. | Journal of Applied Research in Intellectual Disabilities | John Wiley & Sons |
| 54. | Journal of Autism and Developmental Disorders | Springer Link |
| 55. | Journal of Child Language | Cambridge Core University Press |
| 56. | Journal of Child Psychology and Psychiatry | John Wiley & Sons |
| 57. | Journal of Cleft Lip Palate and Craniofacial Anomalies | Wolters Kluwer – Medknow |
| 58. | Journal of Cognition and Development | Taylor & Francis Online |
| 59. | Journal of Cognitive Neuroscience | Massachusetts Institute of Technology Press |
| 60. | Journal of Communication Disorders | Elsevier - Science Direct |
| 61. | Journal of Early Intervention | SAGE Publications |
| 62. | Journal of Fluency Disorders | Elsevier - Science Direct |
| 63. | Journal of Indian Academy of Applied Psychology | Indian Academy of Applied Psychology |
| 64. | Journal of Indian Speech and Hearing Association | Wolters Kluwer – Medknow |
| 65. | Journal of Intellectual and Developmental Disability | Taylor & Francis Online |
| 66. | Journal of Interactional Research in Communication Disorders | Equinox Publishing Limited |
| 67. | Journal of Laryngology and Otology | Cambridge Core University Press |
| 68. | Journal of Laryngology and Voice | Wolters Kluwer – Medknow |
| 69. | Journal of Learning Disabilities | SAGE Publications |
| 70. | Journal of Memory and Language | Elsevier - Science Direct |
| 71. | Journal of Neurolinguistics | Elsevier - Science Direct |
| 72. | Journal of Phonetics | Elsevier - Science Direct |
| 73. | Journal of Positive Behavior Interventions | SAGE Publications |
| 74. | Journal of Pragmatics | Elsevier - Science Direct |
| 75. | Journal of Psycholinguistic Research | Springer Link |
| 76. | Journal of Special Education | SAGE Publications |
| 77. | Journal of Speech Language and Hearing Research | ASHA wire |
| 78. | Journal of the International Phonetic Association | Cambridge Core University Press |
| 79. | Journal of Vestibular Research | Meta Press |
| 80. | Journal of Voice | Elsevier - Science Direct |
| 81. | Laboratory Phonology | De Gruyter Mouton |
| 82. | Language Acquisition | Taylor & Francis Online |
| 83. | Language and Cognition and Neuroscience (formerly Language and Cognitive Processes) | Taylor & Francis Online |
| 84. | Language and Communication | Elsevier - Science Direct |
| 85. | Language and Speech | SAGE Publications |
| 86. | Language Learning | John Wiley & Sons |
| 87. | Language Sciences | Elsevier - Science Direct |
| 88. | Language Speech and Hearing Services in Schools | ASHA wire |
| 89. | Laryngoscope | ASHA wire |
| 90. | Learning Disability in Quarterly | SAGE Publications |
| 91. | Learning Disabilities Research & Practice | John Wiley & Sons |
| 92. | Logopedics Phoniatrics Vocology | Taylor & Francis Online |
| 93. | Noise & Health | Wolters Kluwer – Medknow |
| 94. | Otolaryngologic Clinics of North America | Elsevier - Science Direct |
| 95. | Otology and Neurotology | Lippincott Williams & Wilkins, Ovid – Wolters Kluwer |
| 96. | Perspectives on Administration and Supervision | ASHA wire |
| 97. | Perspectives on Augmentative and Alternative Communication | ASHA wire |
| 98. | Perspectives on Aural Rehabilitation and Its Instrumentation | ASHA wire |
| 99. | Perspectives on Communication Disorders and Sciences in Culturally and Linguistically Diverse (CLD) Populations | ASHA wire |
| 100. | Perspectives of the ASHA Special Interest Groups | ASHA wire |
| 101. | Perspectives on Fluency and Fluency Disorders | ASHA wire |
| 102. | Perspectives on Global Issues in Communication Science and Related Disorders | ASHA wire |
| 103. | Perspectives on Hearing and Hearing Disorders: Research and Diagnostics | ASHA wire |
| 104. | Perspectives on Neurophysiology and Neurogenic Speech and Language Disorders | ASHA wire |
| 105. | Perspectives on Public Health Related to Hearing and Balance | ASHA wire |
| 106. | Perspectives on Speech Science and Swallowing Disorders | ASHA wire |
| 107. | Perspectives on Tele practice | ASHA wire |
| 108. | Perspectives on Voice and Voice Disorders | ASHA wire |
| 109. | Phonetica | Karger AG Publishers |
| 110. | Phonology | Cambridge Core University Press |
| 111. | Reading and Writing | Springer Link |
| 112. | Research in Autism Spectrum Disorders | Elsevier - Science Direct |
| 113. | Seminars in Hearing | Georg Thieme Verlag KG |
| 114. | Seminars in Speech and Language | Georg Thieme Verlag KG |
| 115. | Sign Language and Linguistics | Ingenta Connect |
| 116. | Speech Communication | Elsevier - Science Direct |
| 117. | Speech, Language and Hearing | Taylor & Francis Online |
| 118. | Topics in Language Disorders | Lippincott Williams & Wilkins, Ovid – Wolters Kluwer |
| 119. | Trends in Cognitive Sciences | Elsevier - Science Direct |