Unit – 1 Assignment 1

**Faculty**: Shijit kumar **submitted by** : Talla Santhoshi

1. Write a summary of your research interest (*not more than 200 words*) list out the specific information resources pertaining to the area of research as given below.

**SCREENING AND EARLY INTERVENTION FOR FEEDING ISSUES IN PRETERM INFANTS:**

Preterm infants are those who are born before 34 weeks of gestational period. They often display difficulty in establishing oral feeding. According to the literature, the development of feeding skills in preterm infants, it suggest that they are at greater risk for early feeding difficulties. Respiratory disease was identified as a particular risk factor, immature or dysfunctional sucking skills and poor suck-swallow–coordination. majority of the preterm infants are at risk of having neuro-developmental issues which in turn leads to associated issues such as feeding, poor oro-motor abilities, speech and language, cerebral palsy ,down syndrome, mental retardation and other neurodevelopmental behavioural issues like autism ,adhd. Few literatures highlights that premature infants delays in development of non-nutritive sucking, nutritive sucking, different ind of breathing and swallowing mechanism which interrupts with normal flow of milk, frequent oxygen desaturation, incidence of apnea during oral feeding, prolonged intubation infant is away from natural feeding environment of mother, difficulty in transition from tube feeding in NICU to exclusive oral feeding in comparision to normal. Therefore, as a speech and language pathologist it is very important to screen for identification of feeding issues for preterm infants and provide early intervention as early as possible to prevent further progress in the severity of the problems.

1. Any 5 scientific journals from among AIISH subscriptions:

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| **S. No.** | **Name of the Journal** | **Publisher** | **Volume No.** | **Issue No.** | **Year** |
| 1. | Child Language Teaching and Therapy (SAGE Publications) | Pamela dodrillBSppath(Hons),phD | 3 | 6 | 2011 |
| 2. | America Journal of Speech Language Pathology(ASHA WIRE) | [StevenM.Barlow, PhD](http://leader.pubs.asha.org/solr/searchresults.aspx?author=Steven+M.+Barlow); [Meredith A. Poore, ABD](http://leader.pubs.asha.org/solr/searchresults.aspx?author=Meredith+A.+Poore); [EmilyA. Zimmerman, ABD, CCC-SLP](http://leader.pubs.asha.org/solr/searchresults.aspx?author=Emily+A.+Zimmerman); [Don S. Finan, PhD](http://leader.pubs.asha.org/solr/searchresults.aspx?author=Don+S.+Finan) | 15 | 7 | 2010 |
| 3. | International Journal of Speech-Language Pathology(Taylor & Francis) | Nancy Colodny, Lauren Miller & Mary Faralli | 17 | 2 | 2015 |
| 4. | American Journal of Speech-Language Pathology | Suzanne M. Thoyre,Britt F. Pados, Jinhee Park,Hayley Estrem,Eric A. Hodges,Cara McComish, Marcia Van Riper, and Kimberly Murdoch | 23 | 1 | 2014 |
| 5. | Dysphagia(Springer Link) | Chin-Man Wang1 Hsueh-Yu Li Li- Ang Lee Wann-Yun Shieh,Shih-Wei Lin3 | 19 | 1 | 2016 |

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

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| **S. No.** | **Name of the Book** | **Author** | **Year** | **Publisher** | **Accession No.** |
| 1 | Dysphagia: Diagnosis and Treatment | Ekberg,olle | 2012 | Springer Publishing Company | 19515 |
| 2 | Dysphagia: Risk Factors, Diagnosis and Treatment | Brian S. Smith and Mikael Adams (ed.) | 2012 | Nova Biomedical Books | 19648 |
|  3 | Clinical Manual for Swallowing Disorders | Thomas Murry and Ricardo L. Carrau | 2001 | Singular Publishing Group | 12440 |
| 4 | Dysphagia Assessment and Tratment Planning: A Team Approach | Rebecca Leonard and Katherine Kendall | 1997 | Singular Publishing Group | 11997 |
| 5 | Neonatal Hyperbilirubinemia | Gerald B. Odell | 1980 | Grune and Stratton | 6709 |
| 6 | Dysphagia and the Child with Developmental Disabilities: Medical, Clinical and Family Intervention | Susan R. Rosenthal, Justine Joan Sheppard and Mary Lotze | 1994 | Singular Publishing Group | 11075 |
| 7 | Dysphagia: Clinical Management in Adults and Children | Michael Groher and Michael A. Crary | 2010 | Mosby | 16649 |
| 8 | Pediatric Dysphagia: Resource Guide | Kelly Dailey Hall | 2001 | Singular Publishing Group | 12467 |
| 9 | Metabolic Syndrome and Neurological Disorders | Tahira Farooqui and Akhlaq A. Farooqui | 2013 | Wiley Blackwell | 19664 |
|  10 | Cerebral Palsy and Related Disorders: A Developmental Approach to Dysfunction | Eric Denhoff and Sabel Pick Robinault | 1960 | McGraw-Hill Book Company | 395 |
|  11 | Premature Infants and Their Families: Developmental Interventions | M. Virginia Wyly | 1995 | Singular Publishing Group | 11371 |

1. Any 5 PG dissertations:

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| **S. No.** | **Title** | **Author** | **Guide** | **Year** | **Accession No.** |
|  1 | **An Investigation of the Feeding Problems in Children with Down Syndrome** | **Malavika, A. A** | Swapna.N | 2015 | **1099** |
|  2 | **Development and Validation of Feeding Handicap Index for Children** | **Srushti Shabnam**  | Swapna.N | 2014 | **1048** |
|  3 | **Associated Problems in Children with Cleft LIP and Plate: A Retrospective Study** | **Ravi Kumar** | Pushpavathi, M. | 2007 | **604** |
|  4 | **Infant Screening with the High Risk Checklist** | **Sunil, P** | Shailaja Nikam | 1993 | **217** |
|  5 | **Audiological Findings in Infants and Toddlers with Risk Factors** | **Amy, K** | Animesh Barman | 2005 | **522** |

1. Any 2 ARF projects:

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| S. No. | Title of the report | Investigators | Year | Accession No. |
| 1 | **Specificity of a High Rick Register (HRR) Developed in India** | **Shilpa Shri, H.N.**Asha Yathiraj | 2003 | **IP - 439** |
| 2 | Development and Standardization of a Questionnaire for Early Identification of Psychosocial Issues in Children with Cleft Lip and Palate | Amrita Kanchan, Venkatesan, S., Pushpavati M., and Yashodhara Kumar | 2011-2012 | DP63 |
| 3 | **Intervention Module for the Management of Speech and Language Skills for Individuals with Cerebral Palsy** | **Swapna, N, Manjula, R. and Geetha, Y. V.**  |  2011 | **DP 93** |

2. Critically evaluate the following information resources pertaining to communication disorders:

a. Encyclopedia of Communication Disorders

b. Status Disability of India, 2012.

**a.Encyclopedia of Communication Disorders**: Edited by Raymond D.Kent (professor of communication disorders at the university of Wisconsin ,madison).

 

The MIT Encyclopedia of Communication Disorders (MITECD) is a comprehensive volume that presents essential information on communication sciences and disorders that effect the production of the spoken language ,language comprehension, voice and hearing.it is one among the standard references in the field of communication disorders for professionals, clinicians, researchers ,students for clinical use.it covers almost all details about child and adult communication disorders from basic to complex analysis, assessment and rehabilitation options for the disordered population. Topics are discussed under four categories such as voice, speech language and hearing. these categories are again divided into basic science ,disorders ,clinical assessment and management subsections. Definitions and characterization of specific disordersand tools, instrumentations for assessment, identification and diagnosis. Various clinical management approaches such as behavioural, pharmacological, surgical, therapeutic, prosthetic options are specified for different disordered population on age basis, as management options varies for children and adult. Recent advanced options for benefiting population with hearing impairment such as cochlear implantation for children ansd adults , Alaryngeal voice for laryngectomees, computer based approaches information is provided. Therefore, this book could be considered as bible for the students and professional in the field of speech and language pathology and audiology which provides the overall view in each and every specific disorder.

**b.Status of Disability in India, 2012** : publication by the Rehabilitation council of india (department of disability affairs under ministry of social justice & empowerment ,govt.of india).

 

The book consists of collate of information on disability and which has been put it in the public domain so that the person with disability and their stakeholders are able to ascertain the current situation on the disability in India. this document is published by RCI for every five years approximately. Earlier documentation was in 2000,2003,2007.the recent documentation was in 2012 in which 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 in the country are discussed. Definition, cause, associated problems, early intervention, modes of therapeutic approaches, regional service deliveries and current census and research related information is described. Through the introductory chapter covering the historical, philosophical and sociological perspectives are provided. Introduction to various disability policies, legislation, magnitude of the disability in the country are discussed. Agencies, institutions and issues concerning the person with disabilities, current trends and developments including research in the area of disabilities ,technology impacts and how to use such technology for enhancing better life for the person with the disability in the country. It also gives insight into the areas of early intervention, education, vocational training, employment, human resource development technology, research and development.it provide clear details about the policies and legislation. UNCRPD united nations convention on rights of person with disabilities highlighting needs and human rights for the disabled. right for education, sarva shiksha abhiyan ,inclusive education and legislations such as PWD,RCI,NTA MHA are certain legislation bodies striving for the enhancing quality of life for the disabled population. this document is very useful for the students ,professionals ,researchers and clinicians, working agencies for the disabled population under the governmental and non-governmental to know and further improve the modes and methods of service delivery, to put forward the issues and implementation of government schemes and policies for the better and happier life for disabled population.

3. Name the publishers of the AIISH subscribed e-journals journals ( *Title of the journal, Name of the  Publisher*).

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| **S. No.** | **Title of the Journal** | **Name of the publisher** | **Year**  |
| 1. | Acta Oto-laryngologica | Taylor & Francis Online | 1918 |
| 2. | Advances in Autism | Emerald Publishing | 2016 |
| 3. | Aging, Neuropsychology and Cognition | Taylor & Francis Online | 1997 |
| 4. | American Annals of Deaf | Gallaudet University Press | 1980 |
| 5. | American Journal of Audiology | ASHA wire | 1991 |
| 6. | America Journal of Speech Language Pathology | ASHA wire | 1991 |
| 7. | Annals of Dyslexia | Springer Link | 1997 |
| 8. | Aphasiology | Taylor & Francis Online | 1997 |
| 9. | Applied Acoustics | Elsevier - Science Direct | 2017 |
| 10. | Applied Psycholinguistics | Cambridge Core University Press | 1999 |
| 11. | Archives of Otolaryngology Head and Neck Surgery | AMA Publications | 1998 |
| 12. | Audiology and Neuro-Otology | Karger AG Publishers | 1996 |
| 13. | Augmentative and Alternative Communication | Taylor & Francis Online | 1985 |
| 14. | Autism: The International Journal of Research and Practice | SAGE Publications | 1999 |
| 15. | Autism Research | John Wiley & Sons | 2010 |
| 16. | Bilingualism: Language and Cognition | Cambridge Core University Press | 1998 |
| 17. | Brain and Language | Elsevier - Science Direct | 1974 |
| 18. | Canadian Journal of Linguistics | Cambridge Core University Press | 2017 |
| 19. | Child Language Teaching and Therapy | SAGE Publications | 1997 |
| 20. | Cleft and Craniofacial Journal | American Cleft Palate – Craniofacial Association | 1990 |
| 21. | Clinical Linguistics and Phonetics | Taylor & Francis Online | 1987 |
| 22. | Cochlear Implants International | Taylor & Francis Online | 2000 |
| 23. | Communication Disorders Quarterly | SAGE Publications | 1998 |
| 24. | Cortex | Elsevier - Science Direct | 2007 |
| 25. | Deafness and Education | Taylor & Francis Online | 1999 |
| 26. | Dementia | SAGE Publications | 2002 |
| 27. | Dyslexia | John Wiley & Sons | 2010 |
| 28. | Dysphagia | Springer Link | 1997 |
| 29. | Ear and Hearing | Lippincott Williams & Wilkins, Ovid – Wolters Kluwer | 1980 |
| 30. | Evidence Based Communication Assessment and Intervention | Taylor & Francis Online | 2007 |
| 31. | Exceptional Children | SAGE Publications | 2001 |
| 32. | Focus on Autism and Other Developmental Disabilities | SAGE Publications | 1999 |
| 33. | Folia Phoniatrica | Karger AG Publishers | 1949 |
| 34. | Gesture | Ingenta Connect | 2011 |
| 35. | Hearing Balance and Communication (Audiological Medicine) | Taylor & Francis Online | 1997 |
| 36. | Hearing Journal | Lippincott Williams & Wilkins, Ovid – Wolters Kluwer | 1994 |
| 37. | Hearing Research | Elsevier - Science Direct | 2010 |
| 38. | International Journal of Applied Linguistics | John Wiley & Sons | 2016 |
| 39. | International Journal of Audiology | Taylor & Francis Online | 1962 |
| 40. | International Journal of Bilingual Education and Bilingualism | Taylor & Francis Online | 1998 |
| 41. | International Journal of Bilingualism | SAGE Publications | 1997 |
| 42. | International Journal of Language and Communication Disorders | John Wiley & Sons | 1997 |
| 43. | International Journal of Pediatric Otorhinolaryngology | Elsevier - Science Direct | 2007 |
| 44. | International Journal of Speech Language and the Law (formerly Forensic Linguistics) | Equinox Publishing Limited | 1998 |
| 45. | International Journal of Speech Language Pathology | Taylor & Francis Online | 1997 |
| 46. | International Journal of Speech Technology | Springer Link | 1989 |
| 47. | Journal of Applied Research in Intellectual Disabilities | John Wiley & Sons | 2010 |
| 48. | Journal of Autism and Developmental Disorders | Springer Link | 1997 |
| 49. | Journal of Child Language | Cambridge Core University Press | 1997 |
| 50. | Journal of Child Psychology and Psychiatry | John Wiley & Sons | 2010 |
| 51. | Journal of Cleft Lip Palate and Craniofacial Anomalies | Wolters Kluwer - Medknow | 2016 |
| 52. | Journal of Cognition and Development | Taylor & Francis Online | 2000 |
| 53. | Journal of Cognitive Neuroscience | Massachusetts Institute of Technology Press | 1989 |
| 54. | Journal of Communication Disorders | Elsevier - Science Direct | 1967 |
| 55. | Journal of Early Intervention | SAGE Publications | 1999 |
| 56. | Journal of Fluency Disorders | Elsevier - Science Direct | 1974 |
| 57. | Journal of Indian Academy of Applied Psychology | Indian Academy of Applied Psychology | 2015 |
| 58. | Journal of Indian Speech and Hearing Association | Wolters Kluwer - Medknow | 2016 |
| 59. | Journal of Intellectual and Developmental Disability | Taylor & Francis Online | 1976 |
| 60. | Journal of Interactional Research in Communication Disorders | Equinox Publishing Limited | 2010 |
| 61. | Journal of Laryngology and Otology | Cambridge Core University Press | 1887 |
| 62. | Journal of Laryngology and Voice | Wolters Kluwer - Medknow | 2017 |
| 63. | Journal of Learning Disabilities | SAGE Publications | 1999 |
| 64. | Journal of Memory and Language | Elsevier - Science Direct | 2007 |
| 65. | Journal of Neurolinguistics | Elsevier - Science Direct | 1985 |
| 66. | Journal of Phonetics | Elsevier - Science Direct | 1995 |
| 67. | Journal of Pragmatics | Elsevier - Science Direct | 2007 |
| 68. | Journal of Psycholinguistic Research | Springer Link | 1997 |
| 69. | Journal of Special Education | SAGE Publications | 1999 |
| 70. | Journal of Speech Language and Hearing | ASHA wire | 1958 |
| 71. | Journal of the Acoustical Society of America | AIP Publishing LLC | 1930 |
| 72. | Journal of the American Academy of Audiology | Ingenta Connect | 2002 |
| 73. | Journal of the International Phonetic Association | Cambridge Core University Press | 2001 |
| 74. | Journal of Vestibular Research | Meta Press | 2000 |
| 75. | Journal of Voice | Elsevier - Science Direct | 1987 |
| 76. | Laboratory Phonology | De Gruyter Mouton | 2010 |
| 77. | Language Acquisition | Taylor & Francis Online | 2014 |
| 78. | Language and Cognition and Neuroscience (formerly Language and Cognitive Processes) | Taylor & Francis Online | 1997 |
| 79. | Language and Communication | Elsevier - Science Direct | 2007 |
| 80. | Language and Speech | SAGE Publications | 1999 |
| 81. | Language Learning | John Wiley & Sons | 2006 |
| 82. | Language Sciences | Elsevier - Science Direct | 2007 |
| 83. | Language Speech and Hearing Services in Schools | ASHA wire | 1970 |
| 84. | Laryngoscope | ASHA wire | 1997 |
| 85. | Learning Disability in Quarterly | SAGE Publications | 2010 |
| 86. | Learning Disabilities Research & Practice | John Wiley & Sons | 2000 |
| 87. | Logopedics Phoniatrics Vocology | Taylor & Francis Online | 1991 |
| 88. | Noise & Health | Wolters Kluwer - Medknow | 2015 |
| 89. | Otolaryngologic Clinics of North America | Elsevier - Science Direct | 1998 |
| 90. | Otology and Neurotology | Lippincott Williams & Wilkins, Ovid – Wolters Kluwer | 2001 |
| 91. | Perspectives of the ASHA Special Interest Groups | ASHA wire | 2016 |
| 92. | Phonology | Cambridge Core University Press | 1997 |
| 93. | Reading and Writing | Springer Link | 1997 |
| 94. | Research in Autism Spectrum Disorders | Elsevier - Science Direct | 2007 |
| 95. | Seminars in Hearing | Georg Thieme Verlag KG | 1980 |
| 96. | Seminars in Speech and Language | Georg Thieme Verlag KG | 1984 |
| 97. | Sign Language and Linguistics | Ingenta Connect | 2016 |
| 98. | Speech Communication | Elsevier - Science Direct | 1982 |
| 99. | Speech, Language and Hearing | Taylor & Francis Online | 1996 |
| 100. | The Analysis of Verbal Behavior | Springer Link | 2014 |
| 101. | Topics in Language Disorders | Lippincott Williams & Wilkins, Ovid – Wolters Kluwer | 2001 |
| 102. | Trends in Cognitive Sciences | Elsevier - Science Direct | 2016 |

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