

Research

Scientific Research Presentations & Proceedings (National)

1. Arunraj, K., Shanbal. J. C., & Savithri, S. R. (2016). Disability intervention initiatives of AIISH among persons with communication disorders. *Proceedings of National Workshop on Best Practices in Rural Development*, 44: Presented at Gandhigram Rural Institute Deemed University.
2. Prawin, K., Swapna, N., Arunraj, K., Devamma, V., Mukesh, K., Vasantha Lakshmi, M. S., & Savithri, S. R. (2018). Significance of risk factors in neonatal hearing screening – a preliminary data. Presented at BISHACON, Patna, Bihar on 10th – 11th March 2018.
3. Swapna, N., Tejaswini, S., Arunraj, K., & Prawin, K. (2018). Effect of inclusion of automated auditory brainstem response in the newborn hearing screening – a preliminary study. Presented at XII National Conference Indian Academy of Cerebral Palsy, Calcutta Medical College, Kolkata on 23rd – 25th November 2018.
4. Prawin, K., Swapna, N., Subrat, K. B., & Sahoo, S. (2018). Newborn hearing screening and its associated risk factors – a preliminary data from government hospital, Cuttack. Presented at CIGICON, Delhi, on 1st December 2018.
5. Nayana, M., Tejaswini, S., Arunraj, K., Prawin, K., & Swapna, N. (2019). Prevalence of Hearing Impairment and Risk Factors in Newborns under Neonatal Hearing Screening Program. Paper Presented At ISHACON, NIMHANS, Bangalore(Karnataka), India on 8th – 10th February 2019.
6. Akshata, Y., Prawin, K., Swapna, N., Animesh, B., & Arunraj, K. (2019). Effects of Occupational Noise on Audiometric Thresholds in Industrial Workers. Paper Presented At ISHACON, NIMHANS, Bangalore(Karnataka), India on 8th – 10th February 2019.
7. Anup, G., Kavitha, S., Prawin, K., & Swapna, N. (2019). Newborn Hearing Screening in India: Current Status in NBS-NSCBNC, Jabalpur. Paper Presented At BISHACON, Bodhgaya (Bihar), India on 16th – 17th March 2019.
8. Ehteshaam, K., Pavana, M., Prawin, K., & Swapna, N. (2019). Comparison between Government and Private Hospitals Outcome in Connection with Newborn Hearing Screening in Mysore City. Paper Presented At BISHACON, Bodhgaya (Bihar), India on 16th – 17th March 2019.

9. Swapna, N., Prawin, K., Arunraj, K., & Prithivi, T.(2019). Referral Rate Analysis in Neonatal Hearing Screening: A Retrospective Study. Paper Presented At 17thCIGICON, 2019, Mumbai, India on 11th – 13th Oct 2019.
10. Swapna, N., Vasanthlakshmi, M. S., Angeline, K., Nayana, P. V., & Prawin, K. (2019). Longitudinal Study on Effect of Occupational Noise on Audiometric Thresholds over the Years in Industry Workers. Paper Presented at AUDICON at KMC, Manipal, on 16th- 18thOct, 2019.
11. Swapna, N., Prawin, K., Bincy R. Kalam,&Pavana, M. (2019). Relative Efficacy and Test Retest Reliability of two Automated Auditory Brainstem Response Hearing Screeners in Individuals with Normal Hearing. Paper Presented at AUDICON at KMC, Manipal, on 16th- 18thOct, 2019.
12. Swapna, N.,& Seshasri, D. (2019). Maternal Satisfaction and Perception of Feeding Cues in Newborns with and without High Risk Factors-A Preliminary Survey. Paper Presented at 12th ISHA-Kerala State Branch, Kasargod, Kerala, India on 26th – 27th Oct, 2019.
13. Swapna, N., Prawin, K., & Thasni Jahan, K. (2019). Hearing, Speech and Language Disorders in Older Adults: An Outcome of Elderly Screening Program. Paper Presented at 12thISHA-Kerala State Branch, Kasargod,Kerala, India on 26th – 27thOct, 2019.
14. Nayana, P. V., Arunraj, K., & Swapna, N. (2019). Continuing Challenges with Newborn Hearing Screening Program: Loss to Follow up in India. Paper presented at the Indian International Science Festival (IISF) 2019, Kolkata, India on 5th – 8th November 2019.
15. Arunraj, K., Swapna, N., & Pushpavathi, M. (2019). Amenities to Cater to the Needs of Individuals with Communication Disorders: Initiatives of AIISH, Mysuru. Paper presented at the Indian International Science Festival (IISF) 2019, Kolkata, India on 5th – 8th November 2019.
16. Arunraj, K., Sreedevi N., Christy Sebastian & Vasanthlakshmi, M S. (2019). An epidemiological study on noise induced hearing loss in India. Paper presented at the 1st All India Institute of Speech and Hearing Audiology Convention, Mysuru on 11th and 12th November 2021.
17. Arunraj, K., Srividya, S., Ankitha, S., Spoorthy, T., Vasanthlakshmi M S., Sreedevi, N., & Pushpavathi, M. (2019). Prevalence of communication disorders among school children and adolescents in Southern Karnataka. Paper presented at the 1st All India Institute of Speech and Hearing Audiology Convention, Mysuru on 11th and 12th November 2021.

18. N Sreedevi, K ArunRaj & M Sandeep (2021). Pre and Post-natal risk factors for communication disorders in new born Infants. Presented at 13th National Women's Science Congress on 20.11.2021 at NMKRVCW, Bengaluru

Scientific Research Presentations & Proceedings (International)

1. Manjula, R., Arunraj, K., & Savithri, S. R. (2012). A three-year outcome report of newborn and infant screening at All India Institute of Speech and Hearing (AIISH), Mysore in India. *Proceedings of NHS 2012 Conference (Beyond Newborn Hearing Screening, Infant and Childhood Hearing in Science and Clinical Practice)*. Presented in NHS 2012, Lake Como, Italy.
2. Arunraj, K., Praveena, J., Sunitha, E., Shanbal, J. C., & Savithri, S. R., (2015). High-risk factors and TEOAE in Newborns: Correlation for screening hearing loss. *Audiology International Master Class Seminar Series (AIMS), 2015*. Trivandrum, Kerala: National Institute of Speech and Hearing.
3. Arunraj, K., Shanbal, J. C., & Rakshith, S. (2015). Smart phone hearing applications: A boon or bane to identify hearing loss? *Proceedings of International Symposium on Audiological Medicine*.
4. Praveena, J., Arunraj, K., Shanbal, J. C., & Savithri, S. R. (2015). Newborn hearing screening using TEOAE and ABR-an audit. *Audiology International Master Class Seminar Series (AIMS), 2015*. Trivandrum, Kerala: National Institute of Speech and Hearing.
5. Reddy, B. M. S., Shanbal, J. C., & Arunraj, K. (2015). Awareness on communication disorders in Hospet Taluk of Karnataka: A Preliminary survey report. *Proceedings of 1st World Congress on Ear and Hearing Care. Presented in International Conference of Sound Hearing 2030*. New Delhi.
6. Shanbal, J. C., Arunraj, K., Reddy, B. M. S., & Sunitha, E. (2015). High Risk Indicators for Hearing Impairment in Children – A Preliminary Data. *Proceedings of 1st World Congress on Ear and Hearing Care. Presented in International Conference of Sound Hearing 2030*. New Delhi.
7. Arunraj, K., Swapna, N., Prawin, K., Yashaswini, B. C., & Meghana. (2018). Outreach service model to increase access to the person with communication disorders in remote and rural areas of Karnataka. Presented at 4th International Science Festival (IISF), Lucknow on 13th – 16th October 2018.
8. Arunraj, K., & Sabarish, A. (2019). Referral rate of infants for identification of hearing

loss by the Health Care medical professionals: Current Indian scenario. Presented at the 2nd Sound Hearing 2030 World Congress, Bali, Indonesia on 20th – 22nd February 2019.

9. Arunraj, K., Swapna, N., Yashaswini, B. C., & Prawin, K. (2019). Rehabilitation of individuals with communication disorders in rural India – An Outreach based model. Paper presented at the 2nd Sound Hearing 2030 World congress, Bali, Indonesia on 20th– 22ndFebruary 2019.
10. Arunraj, K., Animesh, B., Swapna, N., & Pavana, M. (2019). Age of identification of hearing impairment and associated risk factors: Public versus Professional approach. Paper presented at the 2nd Sound Hearing 2030 World congress, Bali, Indonesia on 20th– 22nd February 2019.

Scientific research articles published (National)

1. Reddy, M. S., Shanbal, J. C., & Arunraj, K. (2016). Awareness on Communication Disorders in Hospet Taluk of Karnataka: A Preliminary Survey Report. *Language in India*, 16 (1).
2. Swapna, N., Kumar, P., Kalam, B. R., Anju, V. A., & Arunraj, K. (2020). Diagnostic relevance of primitive reflexes in high-risk newborns: A systematic review. *Journal of Indian Speech Language & Hearing Association*, 34(1), 24.

Books edited/ published (National)

1. Arunraj, K., Madhu Sudarshan Reddy, Sunitha E., Savithri, S. R., Animesh Barman., Jayashree C. Shanbal. (2016). Newborn Screening for Communication Disorders: Occurrence of high-risk factors for communication disorders using prospective and retrospective exploratory study – An outcome of NBS program. All India Institute of Speech and Hearing, Mysuru.
2. Arunraj, K., Madhu Sudarshan Reddy, Sunitha E., Savithri, S. R., Animesh Barman., Jayashree C. Shanbal. (2016). School Screening - Distribution of Communication disorders in School Children. All India Institute of Speech and Hearing, Mysuru.

Received Scientific Award/Honour

1. **Best poster presentation category:** A Paper title “Effect of inclusion of automated auditory brainstem response in the newborn hearing screening- a preliminary study held at Calcutta Medical College, Kolkata” presented and received best paper award at Indian Academy of Cerebral Palsy – XIII National conference IACPCON 2018 held in between

23rd to 25th Nov. 2018.

2. **Mukesh Award for Best paper in Audiology:** A paper title “Prevalence of Hearing Impairment and Risk Factors in Newborns under Neonatal Hearing Screening Program in Southern City of Karnataka” received best paper award at 51st National Conference of Indian Speech and Hearing Association held in between 8th to 10th Feb, 2019 at Bangalore, Karnataka.
3. **Best poster presentation award under the category of Speech-Language Pathology:** Swapna, N., & Seshasri, D. (2019). Maternal Satisfaction and Perception of Feeding Cues in Newborns with and without High Risk Factors-A Preliminary Survey. Paper Presented at 12th ISHA-Kerala State Branch, Kasargod, Kerala, India on 26th – 27th Oct, 2019.

Invited Talks

1. Dr. Prawin K. delivered a talk on “Demonstration on instruments for audiological evaluations” at Southern Regional Centre of ICMR, Bangalore on 31st May – 1st June 2018.
2. Dr. Prawin K. delivered a talk on “Auditory and Non-Auditory effects” at Southern Regional Centre of ICMR, Bangalore on 31st May – 1st June 2018.
3. Dr. Prawin K. delivered a talk on “Audiological evaluations for NIHL” at Southern Regional Centre of ICMR, Bangalore on 31st May – 1st June 2018.
4. Dr. Prawin K. delivered a talk on “Status of Newborn Screening for Hearing in Karnataka” at Ministry of Health & Family Welfare, Government of Karnataka, VikasaSoudha, Bangalore, on 10th Sep 2018.
5. Mr. Arunraj K. delivered a lecture on “Comprehensive Newborn Hearing Screening” at the Regional Review Meeting of NPPCD, New Delhi at Bangalore on 13th Dec 2018.
6. Dr. Prawin K. delivered a talk on “Experiences of AIISH, Mysuru in the field of Ear and Hearing Care Promotions in Schools” at MAMC, New Delhion 8th and 9th Nov 2019.
7. Dr. N. Sreedevi. Delivered a talk on “Outreach service centers and other activities of the Department of POCD” at the South Indian Regional Review Meeting under NPPCD at AIISH on 13th March 2020.
8. Dr. Sandeep M. delivered a talk on “Newborn hearing screening protocol followed at AIISH” at the South Indian Regional Review Meeting under NPPCD at AIISH on 13th March 2020.