



INSTITUTE OF HEALTH SCIENCES

(A Unit of Margdarsi)

Office: N-2/41, I.R.C Village, Nayapalli, Bhubaneswar – 751015, Ph.:0674-2553640, 2550054
Campus: Chandaka, Bhubaneswar, Khordha, Odisha, pin: 754005, E-mail:ihsbbsr@margdarsi.org, web: www.ihsindia.org

Circular for a Certificate Course in Introduction to Hearing Loss

IHS-CER-SLP01-22-23

This is to inform all the students of BASLP that a **Certificate Course in Introduction to Hearing Loss** will be held at **Institute of Health Sciences, Chandaka Campus**, from **12th -15th July 2022**

Principal
Institute of Health Sciences
Bhubaneswar

Principal

I.H.S.

CC To :

Notice Board (All hostels / College)

HOD Of The Departments

Director
Institute of Health Sciences
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Course Code: IHS-CER-SLP01-22

Course: Introduction to Hearing Loss

Program Duration: 16Hrs

Course Objectives:

The participant will be able to:

- Understand the importance of Nonverbal communication in therapy
- Understand the importance of positive body language in a therapeutic settings
- Cultural differences in Nonverbal communication.

Topic	Duration
Lecture Introduction to hear and hearing loss	2 Hour
Lecture Anatomy of the Auditory System	3 Hour
Lecture Physiology of the Auditory System	3 Hour
Lecture Disorders of Outer ear	2 Hour
Lecture Disorders of Middle ear	2 Hour
Lecture Disorders of Inner ear	2 Hour
Lecture General Overview of Audiological Intervention	2 Hour



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Certificate Course on Introduction to Hearing Loss

Enroll in this Course and understand the Basics of Hearing, Hearing loss and Audiological Intervention



TOPICS TO BE COVERED

Lecture Introduction to hear and hearing loss
Lecture Anatomy of the Auditory System
Lecture Physiology of the Auditory System
Lecture Disorders of Outer ear
Lecture Disorders of Middle ear
Lecture Disorders of Inner ear
Lecture General Overview of Audiological Intervention

Venue: Institute Of Health Sciences

Date: 12th- 15th July 2022

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Certificate Course: Introduction to Hearing Loss

Date: 12th – 15th July 2022

The Program started by involving the blessings of God through a lightning the lamp ceremony by Principal I.H.S., and the dignitaries, and a devotional song.

The Resource person gave an overview of Hearing Loss and how it affects the lives of people.

Aim and Objectives of the program

The participant will be able to:

- Understand the Anatomy and Physiology of Auditory Pathway and the disorders of Outer, Middle and Inner ear.

Topics Covered:

- Introduction to hearing and hearing loss
- Anatomy and Physiology of the Auditory Pathway
- Disorders of Outer Ear
- Disorders of Middle Ear
- Disorders of Inner Ear
- General Overview of Audiological Intervention



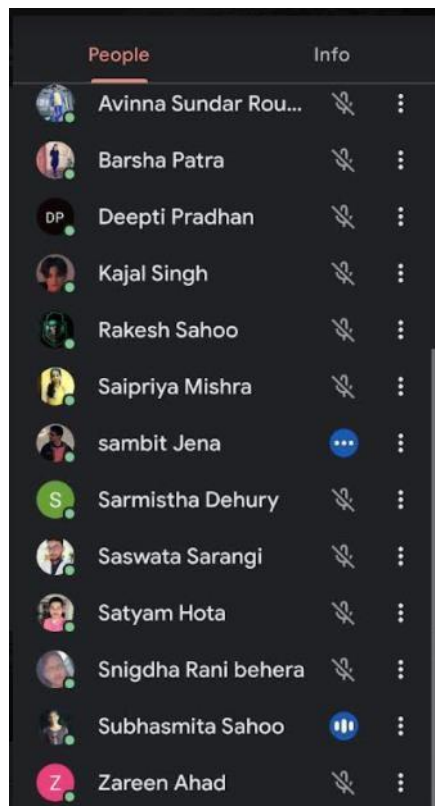
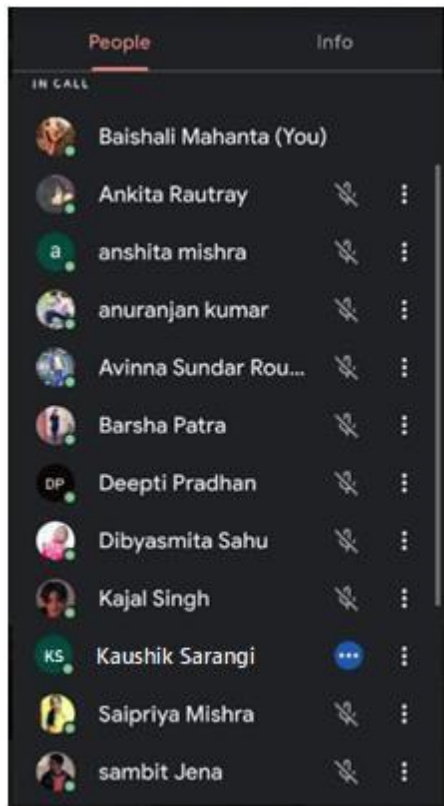
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Pioneer institution imparting Bachelor & Master's degree in Audiology and Speech Language Pathology and Physiotherapy
Modern Diagnostic & Complete Treatment center for Hearing Impairment, Multi Modal Therapy for CP, MR,
Autism, Learning Disability, Therapy for speech defects, Musculoskeletal Disorders and Neurological Problems.



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Circular for a Certificate Course in Neuro-Muscular Diseases

IHS-CER-PHY01-22-23

This is to inform all the students of BPT and BASLP that a **Certificate Course in Neuro - Muscular Diseases** will be held at **Institute of Health Sciences, Chandaka Campus**, from **3rd -10th August 2022**.

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Course Code: IHS-CER-PHY01-22

Program Duration: 24Hrs

Certificate Course in Neuro - Muscular Diseases

Neuromuscular diseases are a broadly defined group of disorders that all involve injury or dysfunction of peripheral nerves or muscle. The site of injury can be in the cell bodies, axons, Schwann cells, neuromuscular junction, muscle, or any combination of these sites. Some neuromuscular diseases are also associated with central nervous system disease, such as ALS, but most are restricted to the peripheral nervous system. This Course provided by the Indian Association of Chartered Physiotherapists will give you a deep insight of Neuromuscular Diseases that you should know, and you should apply in your daily day today practice.

Topics Touched In the Course -

- General introduction to Biological Neuromuscular Setting
- Neurophysiology & Myology
- Neuromuscular bridge/agents
- Muscle and bone palpitation
- Diseases :
 - Myopathies (in depth)
 - Neuromuscular disorders/diseases (NMD) their Identification and classification of NMD (indepth)
 - Duchenne's Muscular Dystrophy
 - Becker's Muscular Dystrophy
 - Emery-Dreifuss Dystrophy
 - Bethlem Myopathy
 - Myotonic Dystrophies
 - Facioscapulohumeral Dystrophy
 - Welander's Distal Dystrophy
 - Oculopharyngeal Muscular Dystrophy
 - Channelopathies
 - Spinal muscle atrophy
 - Activity /Participation problems in NMD
 - Electromyography
 - Assessment methods in rehabilitation of NMD
 - Taping Technique



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Certificate Course in Neuro Muscular Disease

Enroll in the course to enhance your knowledge in this vast field of Neuro-Muscular Disease and credit up yourself.



Topics to be covered

- General introduction to Biological Neuromuscular Setting

- Neurophysiology & Myology

- Neuromuscular bridge/ agents

- Muscle and bone palpitation

- Various Diseases :

- Myopathies
- Neuromuscular disorders/diseases (NMD) their identification and classification of NMD
- Duchenne's Muscular Dystrophy and other conditions



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Certificate Course: Neuro-Muscular Diseases

Date: 3-10 August 2022

The Program started by invoking the blessings of God through a lightning the lampceremony by Principal I.H.S., and the dignitaries, and a devotional song.

The Resource person gave an overview of importance of physiotherapeutic intervention in clients with Neuro-Muscular Diseases.

Aim and Objectives of the program

- To train Participants in proficient handling of Neuro muscular Diseases
- To enable the participant to quickly assess, differentially diagnose, and planeffective intervention

Topics Covered:

- General introduction to Biological Neuromuscular Setting
- Neurophysiology & Myology
- Neuromuscular bridge/agents
- Muscle and bone palpitation
- Diseases :
 - Myopathies (in depth)
 - Neuromuscular disorders/diseases (NMD) their Identification and classification of NMD (indepth)
 - Duchenne's Muscular Dystrophy
 - Becker's Muscular Dystrophy
 - Emery-Dreifuss Dystrophy
 - Bethlem Myopathy
 - Myotonic Dystrophies
 - Facioscapulohumeral Dystrophy
 - Welander's Distal Dystrophy
 - Oculopharyngeal Muscular Dystrophy
 - Channelopathies
 - Spinal muscle atrophy
 - Activity /Participation problems in NMD
 - Electromyography
 - Assessment methods in rehabilitation of NMD
 - Taping Technique



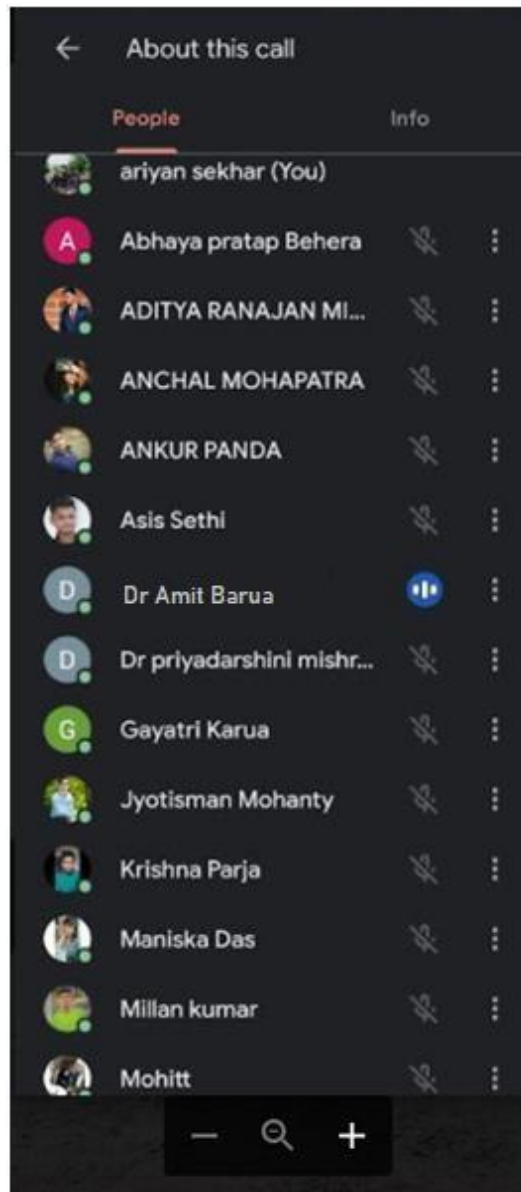
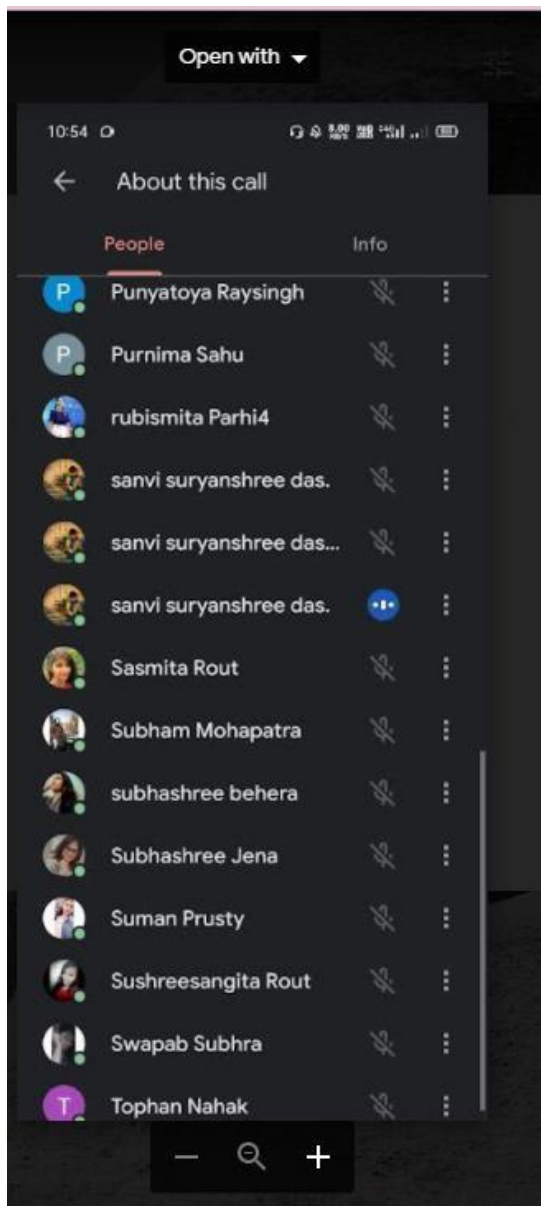
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Satya Mahapatro
Director
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Circular for a Certificate Course in Clinical Evaluation Of Children With Cerebral Palsy

IHS-PRI-614-22-23

This is to inform all the students of BPT 6th and 8th semester that a **Certificate Course in Clinical Evaluation Of Children With Cerebral Palsy** will be held at Institute of Health Sciences, Chandaka Campus, On 9th July 2022.

Principal
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Bhubaneswar

Principal

I.H.S.

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Course Code: IHS-PRI-614-21-22

Program Duration: 24Hrs

Certificate Course in Clinical Evaluation Of Children With Cerebral Palsy

Cerebral Palsy is a disorder of movement and posture that appears during infancy or early childhood resulting from damage to the brain. Cerebral Palsy is the most common most common motor disability in childhood. The aetiology of Cerebral Palsy is very diverse and multifactorial. The injury to the developing brain may be prenatal, natal , or postnatal. The most important risk factor seems to be prematurity and low birth weight with risk of cerebral palsy increasing with decreasing gestational age and birth weight. Population based studies from around the world report prevalence estimates of cerebral palsy ranging from 1.5 more than 4 per 1000 live births or children of a defined age range.

Topics Touched In The Course –

- a) General introduction to cerebral palsy and types of cerebral palsy
- b) Brief introduction to causes of cerebral palsy
- c) Evaluation of cerebral palsy
 - Milestones
 - Neonatal reflexes and abnormal reflexes
 - Evaluation of tone
 - Physical examination :-
 - Contractures
 - Deformities
 - Functional evaluation



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Certificate Course: Clinical Evaluation Of Children With Cerebral Palsy

Date: 9th July 2022

The Program started by invoking the blessings of God through a lightning the lampceremony by Principal I.H.S., and the dignitaries, and a devotional song.

The Resource person gave an overview of importance of clinical evaluation of children with cerebral palsy .

Aim and Objectives of the program

- To train Participants in proficient handling of children with cerebral palsy
- To enable the participant to clinically evaluate the children with cerebral palsy.

Topics Touched In The Course –

- d) General introduction to cerebral palsy and types of cerebral palsy
- e) Brief introduction to causes of cerebral palsy
- f) Evaluation of cerebral palsy
 - Milestones
 - Neonatal reflexes and abnormal reflexes
 - Evaluation of tone
 - Physical examination :-
 - Contractures
 - Deformities
 - Functional evaluation



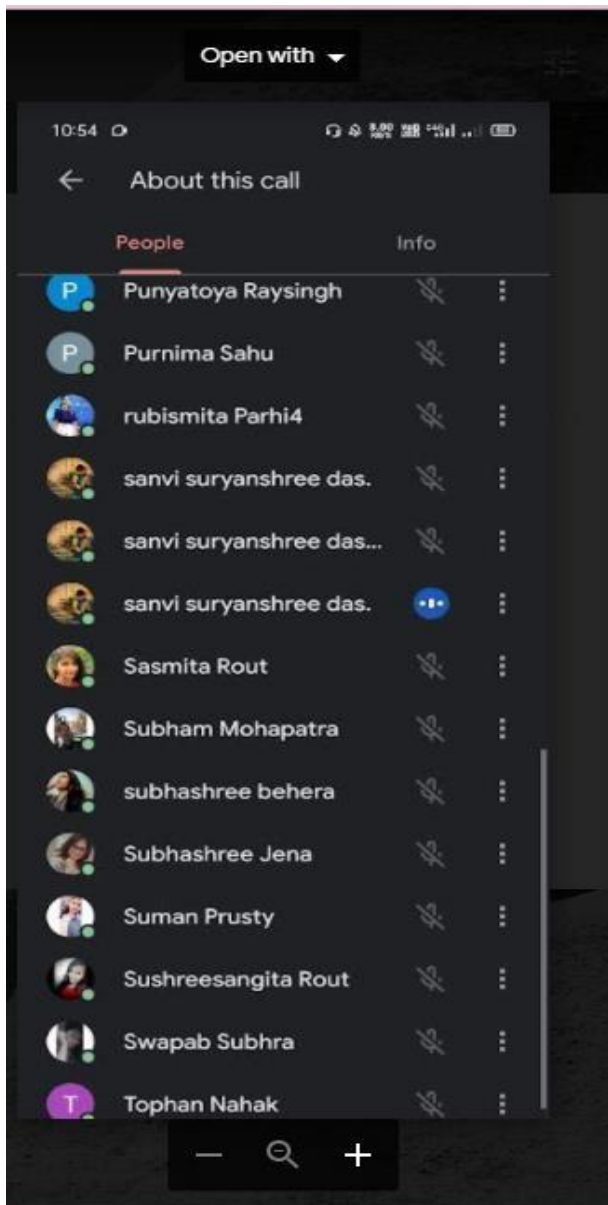
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Circular for a Certificate Course on Wheelchair Prescription As Per WHO Norms

IHS-PRI-610-22-23

This is to inform all the students of BPT 6th and 8th semester that a **Certificate Course on Wheelchair Prescription As Per WHO Norms** will be held at **Institute of Health Sciences, Chandaka Campus**, On **4th July 2022 (Monday)** and **11th July 2022 (Monday)**.

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Course Code: IHS-PRI-610-22-23

Program Duration: 10Hrs

Certificate Course on Wheelchair Prescription As Per WHO Norms

The wheelchair is one of the most commonly used assistive devices to promote mobility and enhance quality of life for people who have difficulties in walking (e.g. a person with spinal cord injuries resulting in quadriplegia or paraplegia, muscular dystrophy, etc). Wheelchair mobility opens up opportunities for wheelchair users to study, work, engage in social activities and access services such as healthcare.^[1] In addition to providing mobility, an appropriate wheelchair benefits the physical health and quality of life of the users by helping in reducing common problems such as [pressure sores](#), progression of deformities and improve respiration and digestion.

Topics Touched In The Course –

Lecture 1 : - Introduction to the program and its importance

Lecture 2 :- Overview of the course

Lecture 3 :- Candidacy for wheelchair prescription

Lecture 4 :- Types and cost of wheel chairs

Lecture 5 :- Prescription as per WHO norms

Lecture 6 :- Consideration during prescription

Lecture 7 :- Care and maintenance

Lecture 8 :- Troubleshooting Tips

Lecture 9 :- Recent advances in wheel chair models

Lecture 10 :- Funding resources and agencies



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CERTIFICATE COURSE ON WHEEL CHAIR PRESCRIPTION

RESOURCE PERSON
DR. VINCENT JEYARAJ



TOPICS TO BE COVERED

- LECTURE 1 INTRODUCTION TO THE PROGRAM AND ITS IMPORTANCE
- LECTURE 2 OVERVIEW OF THE COURSE
- LECTURE 3 CANDIDACY FOR WHEEL CHAIR PRESCRIPTION
- LECTURE 4 TYPES AND COST OF WHEEL CHAIRS
- LECTURE 5 PRESCRIPTION AS PER WHO NORMS
- LECTURE 6 CONSIDERATION DURING PRESCRIPTION
- LECTURE 7 CARE AND MAINTENANCE
- LECTURE 8 TROUBLESHOOTING TIPS
- LECTURE 9 RECENT ADVANCES IN WHEEL CHAIR MODELS
- LECTURE 10 FUNDING RESOURCES AND AGENCIES



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Certificate Course: Wheelchair Prescription As Per WHO Norms

Date: 04th July 2022 And 11th July 2022

The Program started by invoking the blessings of God through a lightning the lamp ceremony by Principal I.H.S., and the dignitaries, and a devotional song.

The Resource person gave an overview of importance of wheelchair prescription as per WHO norms .

Aim and Objectives of the program

- To train Participants in proficient handling of wheelchairs.
- To enable the participant to know regarding wheelchair prescription as per WHO norms.

Topics Touched In The Course –

Lecture 1 : - Introduction to the program and its importance

Lecture 2 :- Overview of the course

Lecture 3 :- Candidacy for wheelchair prescription

Lecture 4 :- Types and cost of wheel chairs

Lecture 5 :- Prescription as per WHO norms

Lecture 6 : - Consideration during prescription

Lecture 7 :- Care and maintenance

Lecture 8 :- Troubleshooting Tips

Lecture 9 :- Recent advances in wheel chair models

Lecture 10 :- Funding resources and agencies



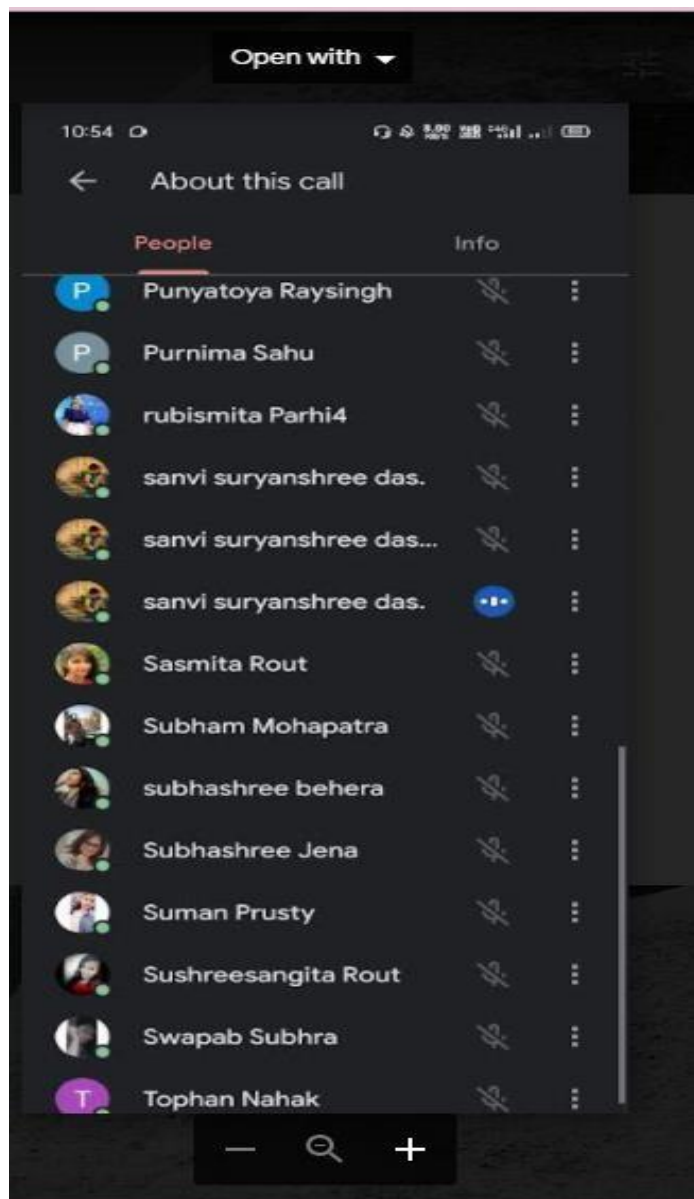
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Circular for a Certificate Course on Hearing aid technology

IHS-PRI-836-22-23

The students of BASLP 2nd and 4th semester are hereby informed that a **Certificate Course on Hearing aid technology by Sivantos India** will be held at **Institute of Health Sciences, Chandaka Campus**, On **2nd July 2022 (Time: 10 AM)** to upgrade the audiology skills sets of budding audiologists by Sivantos India, a Signia Educational Initiative.

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Course Code: IHS-PRI-836-22-23

Program Duration:

6Hrs

Certificate Course on hearing aid technology

Aim of the workshop was to present the challenges of hearing aid signal processing to the wider speech science and speech technology communities.

Recent advances in hearing aid hardware are presenting opportunities for increasingly sophisticated processing. For example, wireless communication between the hearing aid and a mobile device can allow non-latency critical computation to be freed from the low-power constraints attendant with traditional aids. These advances raise the prospect that the computationally demanding techniques employed with great success in statistical speech modelling and statistical acoustic scene analysis could soon be exploited for hearing aid processing.

Believe is that new directions in hearing aid research can be inspired by bringing together speech technologists and hearing researchers. The workshop was stimulated a two-way conversation between the speech research community and hearing aid developers. Hearing aid developers, who are not typically represented at Inter-speech, will have an opportunity to present the challenges of their industry to the speech community; the speech community will be able to present and discuss potentially transformative approaches to speech in noise processing in the presence of hearing researchers and industry experts.

Topics Touched In The Course –

Lecture 1 : - Introduction to the program and its importance

Lecture 2 :- Overview of the course

Lecture 3 :- Candidacy for different type of hearing aid

Lecture 4 :- Types and cost of hearing aid

Lecture 5 : - Consideration during prescription

Lecture 6 :- Care and maintenance

Lecture 7 :- Troubleshooting Tips

Lecture 8 :- Recent advances in hearing aid



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