

Prof. Satya Mahapatra, the founder of Institute of Health Sciences is the 1st person from Odisha to be qualified as an Audiologist & Speech Pathologist in 1983, with a Master's degree from All India Institute of Speech & Hearing under University of Mysore. In the three decades of services to the profession, he has created unique facilities across the country, wherever he has worked.

The dream to set up a platform for comprehensive care of persons with disability was conceived in the year 1982. At that time Odisha had no facility for diagnosis or treatment for communication disorder etc. People who got affected by some kind of impairment were forced to live life of disability due to lack of professional intervention. The vision of creating world class infrastructure for the suffering multitude in Odisha fructified in 1995 when A group of people affected by personal tragedies came together to setup the society **Margdarsi**. The clinical services and the requisite infrastructure stumbled on scarcity of qualified trained manpower. Hence Margdarsi set up the **Institute of Health Sciences** with an objective to generate qualified manpower in medical rehabilitation. Institute of Health Sciences since has come a long way becoming the referral hospital of Govt of Odisha.

He set up the **Model Center for Children with Special Needs** for delivery of varied kind of professional services required for children who have Autism, Hearing loss, Cerebral Palsy or Mental Retardation etc through team approach. Model Center has integrated many non-verbal children into the normal schools after the development of normal speech & language skills. Now, he is in the process of setting up facility for Adults with Special Needs called Centre for Neuro Sciences.

People are becoming susceptible to life time disorders, occupational health hazards apart from geriatric degenerative disorders. To deal with such physical disorders as non ambulatory cases with head injury, spinal injury, stroke and neurological disorders like multiple sclerosis, Amyotrophic lateral sclerosis, Parkinsonism, Alzheimer's disease, Myasthenia gravis etc. are being treated at **Center for Physical Therapy & Rehabilitation (CPTR)**. An inpatient facility of 32 beds is created.

Being a senior Audiologist, he has created Indian Symposium of Audiological Medicine to blend otological services with Audiological care for persons with Hearing impairment. This ISAM has become the single platform in India to showcase Medical Audiology. Prof. Mahapatra is the Chief Editor of ISAM journal, till now the only Journal in Audiology. To create a public interface of Audiology Profession, HEAR-EXPO was created , which is today the only public show of Hearing Health Care in India.

Institute of Health Sciences, A unit of Margdarsi

Margdarsi, a Non Government organization, non-profit Charitable Society, was registered Vide No- KRD/ 682-494 of 1995-96, dated 29-12-95 under the provisions of Societies Act XXI of 1860. Margdarsi was registered under Section 12A and 80G of Income tax act of Govt. of India. The most important aim and objective of "Margdarsi" as per the constitution are as under: -

- a) To carry out Rehabilitation Education and Training by engaging in academics programs and Clinical services for persons with Disabilities covering different areas of Medical and Rehabilitation Sciences.
- b) To establish institutions in various places all over the country for the development of Rehabilitation services for various disabilities with special emphasis on Speech and Hearing Disorders.



- c) To establish Hospital, Clinic, Nursing Home, asylum hospital for the care of mentally ill or destitute people, health care, sports club, Rehabilitation center, Recuperation homes for health care & prevention of disability.
- d) To indulge in research work and conduct workshop, seminar, conference, publication for imparting, informal, conventional, non conventional, and technical training to socially and economically backward people with special emphasis for those who are ailing, handicapped or partially impaired.

INSTITUTE OF HEALTH SCIENCES

Margdarsi has established this institute as an organization to provide treatment to persons with various disabilities. This is in contrast to custodial care normally provided by most organizations dealing with persons with any kind of handicap or disabilities. To achieve the objective, IHS has started manpower development programs and ultra modern clinical infrastructures. The facility has been established at Chandaka Village at natural background using vernacular architecture

INSTITUTE OF HEALTH SCIENCES

The field of Activities

Institute of Health Sciences does the following activities throughout the year.

ACADEMICS

1. Regular Courses

Institute of Health Sciences is a pioneer in rehabilitation science education in Orissa. It has established the first institute to run Under Graduate and Post Graduate degree courses in Speech Language Pathology & Audiology as well as Physiotherapy in Orissa. The manpower Development shall expand into other domains in the field of medical rehabilitation and persons with disabilities.

2. Research & Development

- Every year IHS organizes an **International Symposium on Audiological Medicine** since 2008. Audiologists of national and international repute attend the Symposium and share their knowledge with our students and professionals.
- **ISAM journal** is released every year with articles from experts in the field .This happens to be the only journal in India. IHS promotes the research & developmental work and publishes best articles of national academicians.
- **“Physiocon east”** the conference for Physical therapy professionals is organized every year.
- From time to time national and international speakers are invited from different parts to the seminars organized by IHS

CLINICS

1. Model Center for Children with Special Needs (MCCWSM)

Model Center for Children with Special Needs (MCCWSM) is a Unit of Margdarsi was started in the State of Odisha, India in the background that children affected by developmental disorders like Autism,



ADHD, Learning Disability, Mentally Retarded and Communication Disorders like those with Hearing Impairment, Speech & Language Disorder received only custodial care. Their need for professional intervention for appropriate diagnostic and therapy work was not in the agenda of any of the organization. That's why these children hence the hearing impaired children became "Deaf & Dumb" and worse was the fate of children affected with pervasive disability, global disability and those with multiple issues and handicaps. Hence Model Center for Children with Special Needs was conceived and implemented for single window delivery of professional service. The multi modal therapy and comprehensive rehabilitation services have since been made available at the Model Center for Children with Special Needs.

2. Physiotherapy Clinic

For the basic health management of people. The facilities are diagnostic as well as rehabilitation services.

Diagnostic & therapeutic facility in physiotherapy clinic

The treatment facilities available with I.H.S are comprehensive and the latest in the specific field.

- Laser therapy
- Short wave diathermy
- Electric traction
- Continuous passive movement machine (CPM)
- Ultrasonic
- Vectrostim
- Nerve & Muscle stimulator
- Paraffin wax bath
- Exercise therapy gadgets
- Suspension frame and suspension gear
- Interferential therapy

3. Rehab & Care (Audiology Clinic)

This is the best hearing health care facility with Electrophysiological evaluation like Oto Acoustic Emission (OAE), Auditory Steady State Response (ASSR), Brain Stem Evoked Response Audiometry (BERA).

4. Balmukunda Memorial Center of Audiology (BMCA)

BMCA has been created to provide ultramodern operation theatre and other infrastructure for Reconstructive surgeries for ear and neurosurgeries for Brain Stem Implants, Neuropace and such other bionic devices.

Immitance measurement, Reflexometry, Speech audiometer, Puretone audiometer, Rehabilitation facilities like digital programming using Hipro, Noah link and mapping facility for Cochlear Implantation.

5. Center for Physical Therapy & Rehabilitation

Physiotherapy full fledged department of physiotherapy caters to the needs of the patients with musculo-skeletal disorders. Qualified faculties and clinicians of the department provide treatment using the state of art equipments.

6. Center of Neuro Sciences

Center of NeuroSciences will extend facilities for Neuromedicine, Neurosurgery, Neuropsychiatry, Neuroimaging, Neurolinguistics, Neurorehabilitation, Paediatric neurology, Geriatric neurology, etc. IPD & OPD facilities are also available

CHARITY

1. Free distribution of hearing aids Hearing evaluation was performed for the inmates of Leprosy have run be “Missionaries of Charity” of Mother Teresa at Jamla. The inmates, who were found to be having deafness, were provided with Digital Hearing Aids.

Poor children who have birth defects of hearing become “Deaf & Dumb”. In order to prevent disability IHS distributes free hearing aids to the poor and needy children and subsequently provides associated clinical services.

2. IHS organizes outreach free health camps for the poor, needy and aged persons to manage their health for better fitness and mobility. We target all the interior rural places where basic health facilities are unavailable.

EVENTS

1. Public Education and Awareness Campaign

Institute organizes Hearing Rally and Hear Expo for public awareness on hearing Impairment and facilities available for them. Every year Institute distributes IEC materials on rehabilitation of hearing impairment patients. Placard march by professionals, Public interaction with important experts, delivering informative talks in Rotary clubs, Red Cross, trade and industry associations etc has been conducted throughout the year.

2. DISABILITY REHABILITATION INITIATIVES (DRI)

The Disability Rehabilitation Initiative is being developed to Create public awareness about disability, for Educating public about corrective action for Disability instead of looking for custodial care, Activism for social support so that the person with disability can have a life of hope, Dignity for the challenged, Facilitating treatment with best of the treatment protocols, Resource mobilization when expensive treatment force people for inaction and regularly Conduct public education events.

Our well-wishers and supporters

SBI, NALCO, TATA MOTORS, UCCI, ECHS, Gita Mukunda Trust, OHPC, OPEPA, IOC, GPIL, Rotary Club



Celebration/observation of important days

26th January	- Republic Day
17th April	- Foundation Day of IHS
2nd April	- World Autism awareness Day
15th August	- Independence Day
Last week of September	- International week of the Deaf
8th September	- World Physiotherapy Day

Future Vision of the founder

1. Formation of Indian Society of Audiological Medicine
2. Setting up of
 - a) Bionics Lab.
 - b) Nano Technology Lab
 - c) Embryology Lab
 - d) Genetic Engineering Lab.
 - e) Bio-pharma Lab
3. Therapy park for the persons with special needs
4. Herbal garden with organic farm

Achievement

The Institute of Health Sciences, has achieved many “firsts” in India. The first public show of Hearing Health Care and till now the only expo in India is being conducted at Bhubaneswar as Hear Expo. Celebrity Cricketer “Syed Kirmani” graced the occasion appealing public to accept their problem. “Hearing loss is more noticeable than Hearing Aids”, he said in public function. The doctors, who are the friend of disable persons, were felicitated.

To further the cause of Hearing impaired, “World Deaf Day” was celebrated. A public rally “Hearing Rally” where volunteers and cine stars walked the Janpath of Bhubaneswar to create the public awareness regarding the Hearing Health Care and Deafness.



IHS IN ACTION

20.01.2011

Ex. Chief Secretary of Orissa, Mr.S.B.Mishra, I.A.S had formally inaugurated the MPT program at IHS. This institute will be the only Non-Govt College in Orissa to offer the Masters' program in Physiotherapy.Seminar on Sports Psychology & Physiotherapy conducted by I.H.S. Main Speaker was Ms. Yogamaya Panda.

26.01.2011

Republic Day was celebrated in the campus with participation of staff and students of Institute of Health Sciences. Mr. Sk.Tamatia, Managing Director, Bharatiya Vidya Bhawan did the honour by Hosting the national Flag in a simple ceremony.



05.02.2011 : Prof.Binayak Rath, Vice-Chancellor, Utkal University, Bhubaneswar graced the function hosted on the occasion of completing ten years of Institute of Health Sciences. The other dignitaries and the students and staff of Institute of Health Sciences had discussion with the Vice-Chancellor about development of the Medical Rehabilitation Sciences under Utkal University in Odisha .

26.02.2011

Donation of Dual Channel Audiometer by Gitamukund Trust. The trust donated one very useful Audiological Diagnostic equipment required for the lab that is to be used for control and prevention of disability by proper diagnostic evaluation of hearing impairment. The Balmukund Memorial Centre of Audiometry was inaugurated



17.04.2011

The foundation day of Institute of Health Sciences was celebrated as Empathy 2011 on 17.04.2011. Mr. B.B.Balbantray, M.L.A, Jatni, inaugurated the function and appreciated the work done by the Institute, the rationale behind naming the function as EMPATHY was deliberated.



A public support platform by the name disability Rehabilitation Initiative (DRI) was created to involve volunteers for the community based rehabilitation activities. Noted Industriast Mr. P.D.Bagri and educationist cum social worker Mrs. Adarmani Boral were present at the function, who agreed to shoulder the responsibility of DRI.

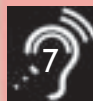
1.07.2011

Free Diagnostic Camp held at Leprosy Home run by Missionaries of charities by the Institute of Health Sciences to identify hearing impaired persons. Rotary Club of Infocity, Bhubaneswar agreed to Donate the required Hearing Aids to the affected persons on its Installation Day Celebration. Professor Swadhin Pattnaik, Director of Institute of Mathematics and Application, Chief Guest on the occasion distributed the Digital Hearing Aids.



10.7.2011

District Governor of Rotary District 3260 Rtn. Umakant Sharma visited the facilities of Model Centre for Children with Special Needs, Centre for Physical Therapy and Rehabilitation as well as that created at Rehab & Care Clinic. The first lady of the District was accompanied by many other Distinguished Rotarians.





19.07.2011

As part of humanitarian activities of International Society of Audiologists, Ms. Jade Fredrickson, Audiologist, Australia, visited Institute of Health Sciences. She indulged in technology transfer by sharing her expertise with the students of MASLP. She also lend her time to create public awareness about early identification of hearing impairment by addressing the local press as well as delivering a talk at the Rotary Club.

1.8.2011

The Centre of Physical Therapy & Rehabilitation was dedicated to the public by honorable Mayor of Bhubaneswar Municipality Corporation, Sri Anant Narayan Jena on 01.08.2011. This centre is created to provide intensive therapy and comprehensive care to people affected by non-ambulatory conditions like Head-Injury, Spinal Injury, Stroke Victims, Serious Contractures, Neurological degenerative disorders etc.



13.8.2011 : A Seminar on Health Management was held at IHS Campus by the Dept. of Physiotherapy. Sri Prasana Acharya Hon'ble Minister Health & Family Welfare, Govt. of Odisha was the Chief Guest on the occasion. The role of Physiotherapy in Management of Health and Treatment of disabling conditions was discussed. Chief Guest agreed to promote the profession of Physiotherapy for the welfare of suffering humanity in Odisha. He also visited the Model centre for Children with Special Needs where the Children with Disability tied Rakhi to the Hon'ble Minister.



15.8.2011

Independence Day was celebrated at the Chandaka Campus. Mr. S.K.Habda, Director, for Welfare of Persons with Disability, Govt of Odisha, did the honour by hosting the National Flag. He appealed for collective efforts to herald a better future for persons with special needs with involvement of Professionals, organization like Institute of Health Sciences and the Govt.



12.09.2011

Local special schools for hearing impaired children have been receiving professional consultation from Institute of Health Sciences without any consideration money. The professionals have been rendering diagnostic and therapeutic services at special school premises .



6.9.2011

The Tata Motors agreed for Donation of 32 seater Bus for the transportation of patients to the Chandaka Campus of Institute of Health Sciences. As such that area is not serviced by public transportation system like city bus services. This will relieve the pressure of commuting on the persons with disability to Chandaka village area.

24.09.2011

To create public awareness and sensitize the public about needs about hearing impaired persons a Rally was organized on the occasion of WORLD DEAF DAY . the noted cine artists participated in the "Walk For Hearing" Rally. The motor cycle rally by volunteers from different management colleges of Bhubaneswar was flagged off by noted celebrity of Odia film industry, Ms. Anu Choudhury. Other dignitaries on this occasion included Mr.



S.Habada, Director, Welfare of Persons with Disability, Mr. Santanu Mishra, President of Rotary Club of Bhubaneswar Heritage, Principal & faculty members of several colleges.

World Deaf Day was celebrated by involvement of public and the Govt. in the cause and care of Hearing Impaired persons. Children from special school for the deaf received digital hearing aids donated by benevolent public. The Honorable Minister for Women & Child Development, Govt.





of Odisha, Mrs. Anjali Behera, who deals with handicapped welfare in Odisha was the Chief Guest. She donated the Hearing Aids in a public function and promised all out help for the persons with disability under her Govt.

01.10.2011

Free Diagnostic camps for senior citizens was held at Pahala village to identify Hearing, Speech and Language Disorders. Several outdoor health check up camps were held at different places to identify diagnose and rehabilitate the persons with speech language and hearing disorders.



10.12.2011 & 11.12.2011

HEAR-EXPO is the first public show of Hearing Health Care in India and till now the only mega EXPO organized by Institute of Health Sciences. HEAR-EXPO 2011 showcased the Medical Diagnostics and Intervention for birth defects of hearing to degenerative loss of hearing acuity. Celebrity Cricketer Mr. Syed Kirmani graced the occasion as the Guest of Honour to

draw public attention to the biggest health problem for the mankind. The EXPO attracted many dignitaries, general public, Medical Fraternity and the print and electronic media.

Inaugurating the Hear Expo the Honorable Minister for Women & Child Development Department, Ms. Anjali Behera said that Odisha will have excellent world class facility for diagnostic and treatment of the health disorders



so that no one becomes disabled or handicapped in future. She gave away certificates to distinguished doctors for their contribution to the field of handicapped welfare.

International Symposium on Audiological medicine was held for the 4th consecutive year by the Institute of health Sciences, who promote Indian research and development, transfer of technology in medical rehabilitation

from International dignitaries to Indian Professionals as well as high light unique contribution made by Professionals for the welfare of persons with hearing impairment. The event was hosted at Regional Medical Research Centre auditorium it attracted 350 delegates from all over India.

The ISAM Journal was published as the first “Journal of Audiology” in India. Dr. J.P.Singh



the Member Secretary, Rehabilitation Council of India, New Delhi was the Chief Guest. Heads of Hearing Health Care industry were felicitated for their unique contribution to the growth of service delivery for the persons with hearing impairment.





28.12.2011 to 01.01.2012

The first National Conference on Stammering was held at I.H.S Campus with delegates coming from all over India. Dr.Elaine Robin, USA, was the keynote speaker.

3.1.2012

Hearing Camp by UCCI

6.1.2012

Hearing Camp by UCCI

26.1.2012

Hearing Camp by UCCI

07.02.2012

Inauguration of Bal Mukund Centre of Audiology
also visit by SIDR Staff

