



SWAMI VIVEKANANDA UNIVERSITY

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**Completion Report of Two-Day International Conference on
HEALTHCARE RESEARCHES AND DEVELOPMENT
(ICHRD, 2025)**



Organized by: School of Allied Health Sciences

Mode: Blended

Conference Date: 04.02.2025 to 05.02.2025

Conference Time: 11:00 AM to 05:00 PM

**Venue: Hall 04, Jagadish Chandra Bose Block, Swami Vivekananda
University, Barrackpore.**

Mission

The *International Conference on Healthcare Researches and Development*, hosted by the School of Allied Health Sciences, Swami Vivekananda University, is committed to fostering a collaborative platform where researchers, healthcare professionals, and academicians unite to exchange innovative ideas and groundbreaking discoveries. With a strong emphasis on interdisciplinary collaboration, the conference aims to advance healthcare research, enhance clinical practices, and bridge the gap between various allied health disciplines. By facilitating meaningful discussions and knowledge sharing, the event aspires to contribute to the development of evidence-based solutions that improve patient care and public health outcomes globally.

Vision

Envisioning a future where integrated healthcare approaches lead to transformative advancements, this conference seeks to inspire a culture of innovation and synergy among diverse fields of allied health sciences. By bringing together experts from various specializations, it strives to redefine healthcare paradigms through interdisciplinary insights, technological advancements, and research-driven strategies. The ultimate goal is to empower professionals with the knowledge and networks necessary to drive impactful change, ensuring a more efficient, inclusive, and patient-centered healthcare system for generations to come.

Speaker Details:

Dr Sayan Chattaraj

Dr. Sayan Chattaraj is an accomplished medical professional with extensive experience in internal medicine. Currently serving as a Consultant at Nehru Memorial Techno Global Hospital since June 2018, he has dedicated over six years to providing expert medical care. Previously, he worked for more than 11 years at Narayana Multispeciality Hospital, India, holding roles including Senior Resident and Post-Graduate Trainee in the Department of Medicine. Dr. Chattaraj completed his Doctor of Medicine (MD) in Internal Medicine at R.G. Kar Medical College & Hospital (2010-2013) and pursued further specialization at Bankura Sammilani Medical College (2013-2016). His medical journey began with an MBBS degree from 2000 to 2005. A prolific researcher, he has contributed to numerous national and international medical journals, further solidifying his reputation in the field of internal medicine.

Dr. Goutam Das

Dr. Goutam Das is a highly skilled radiologist with extensive experience in medical imaging and diagnostics. He is currently serving as a Consultant Radiologist at Narayana Hospital, Barasat, a position he has held since January 2020. Dr. Das earned his MD in Radio-Diagnosis from NRS Medical College & Hospital, where he trained for over a decade in advanced radiological techniques. He began his medical journey with an MBBS degree from Medical College & Hospital, Kolkata, under the West Bengal University of Health Sciences (2004-2010). With a keen eye for detail and expertise in diagnostic imaging, he plays a crucial role in patient care, contributing significantly to the field of radiology.

Dr. Siddhartha Chakraborty

Dr. Siddhartha Chakraborty is an accomplished Oral and Maxillofacial Surgeon with 22 years of extensive experience in his field. Throughout his career, he has successfully conducted over 3000 surgeries. His major surgical expertise includes: Oral cancer surgery and reconstruction, facial trauma management, microvascular surgery, maxillofacial prosthetics, non-surgical facelifts. Dr. Siddhartha Chakraborty has a Bachelor of Dental Surgery Degree (BDS) from the West Bengal University of Health Science in 2002 and a Master of Dental Surgery (MDS) in Oral & Maxillofacial Surgery from the West Bengal University of Health Sciences in 2009. Dr. Chakraborty has been accorded the Asian Fellowship in Maxillofacial Oncology and is a member of several prestigious organizations. He bagged the Award of Asian Fellowship in

Maxillofacial Oncology in Shanghai, China, which highlighted his significant contributions and recognition in the international medical community. He has over 25 publications in scientific journals and has made an immense impact on the improvement of the field. He did BDS, West Bengal University of Health Sciences, 2002, then MDS in Oral & Maxillofacial Surgery, West Bengal University of Health Sciences, 2009. He was a fellowship in maxillofacial oncology, University of Peradeniya, the head and neck reconstruction and microvascular surgery, Shanghai 9th People's Hospital, China also in Indian Board of Oral and Maxillofacial Surgeons. He was a visiting oral cancer surgeon, Saveetha Oral Cancer Institute, Chennai, 2018. He was a consultant maxillofacial surgeon, Various Corporate Hospitals, Kolkata, 2015. Dr. Chakraborty had won Asian Fellowship in Maxillofacial Oncology, Shanghai, China. He is a member of the Association of Oral and Maxillofacial Surgeons of India, International Association of Oral and Maxillofacial Surgeons and Indian Dental Association. His field of expertise includes: antimicrobial therapy for gum disease, apicoectomy, bad breath management, dental braces, dental crowns, dental extraction and dental filling

Mrs. Shilpa Singh

Mrs. Shilpa Singh did her B.Sc. Medical Imaging Technology from Delhi University and MSc in Medical Physics from Sri Lanka. She holds over 16 years of academic experience and clinical experience. Academic experience as assistant and associate professor. She also worked as radiological safety officer in the radiology department for over 5 years. Apart from the clinical and academic experience, she got multiple honorary experience for teaching MBBS, BPT, MD, B.Sc Nursing, MPT and few more. She has contributed to more than 30 research publications and few chapters in a textbook for medical Imaging. Currently she's working as Clinical Scientist in Radiology Physics at University Hospitals Coventry and Warwickshire, NHS.

Dr. Mantu Akon

Prof Dr. Mantu Akon M.Optom, Ph.D. He is a director at Nayan Disha Eye Foundation ,Howrah
Refocus: Advance Vision Therapy Studio & Rehab Center, Kolkata

Professor & Consultant Optometrist Specialist in Binocular Vision & Neuro Optometry Visiting
Professor at GNA University, Punjab

AIPH University, Bhubaneswar

Admas University, Kolkata

Dr. Prajjwal Ghosh

Dr. Ghosh is a highly experienced and skilled optometrist with a special interest in specialty contact lenses, including RGP and scleral lenses for managing ectatic cornea/keratoconus, orthokeratology, LASIK/SMILE refractive consultations, and pediatric refractions. Currently, he serves as a Senior Clinical Optometrist at Trenetralaya and a Consultant Optometrist and Contact Lens Specialist at Vision Apex, Kolkata. He also consults at Heaven Opticians and Vision Plus Plus, Kolkata, bringing over two decades of expertise in optometry and vision science. Dr. Ghosh holds a Bachelor's degree in Optometry from the West Bengal University of Technology (2002-2006) and has completed specialized training in contact lenses, retina diagnostics, and low vision aids at Aravind Eye Hospital and PG Institute of Ophthalmology, Madurai. He also underwent an internship at Priyamvada Birla Aravind Eye Hospital. With 15 years of experience at B B Eye Foundation (2006-2021), Dr. Ghosh has built a strong reputation in clinical research, myopia management, diabetic retinopathy screening, and glaucoma diagnosis. Passionate about mentorship and community eye care, he actively contributes to the advancement of optometry through strategic leadership, training, and patient-centered care.

Dr. Ayan Ghosal

Dr. Ayan Ghosal is a dedicated Physiatrist with over six years of experience specializing in musculoskeletal pain, neurorehabilitation, pediatric rehabilitation, and rheumatology rehabilitation. He is the Co-founder of the Pain and Skin Clinic, where he focuses on pain interventions and neurorehabilitation. Dr. Ghosal completed his MBBS from R.G. Kar Medical College and Hospital, Kolkata, in 2017, followed by a House Physicianship in General Medicine. He then pursued MD in Physical Medicine and Rehabilitation (PMR) at IPGMER, Kolkata, where he also served as a Senior Resident in Neurorehabilitation from 2021 to 2024. During this tenure, he played a pivotal role in neurorehabilitation ward management, pain and spasticity interventions, botulinum toxin (Botox) and phenol neurolysis procedures, and musculoskeletal ultrasound applications. With expertise in exercise prescription, diabetic foot care, inpatient rehabilitation, and advanced pain management techniques, Dr. Ghosal is committed to improving patient outcomes in physical medicine. His clinical acumen, combined with his passion for interdisciplinary rehabilitation, makes him a leading specialist in his field.

Mr. Arindam Seth

Mr. Arindam Seth is a highly experienced Physiotherapist with over 20 years of expertise in the field. He practices at Physio Care in Kanchrapara, North 24 Parganas, offering specialized care in functional physiotherapy, aquatic physical therapy, sports physiotherapy, and ATM physiotherapy. He completed his BPT/BPT from Manipal College of Allied Health Sciences in 2005, followed by a Master's in Physiotherapy from The West Bengal University of Health Sciences (WBUHS), Kolkata, in 2009. Additionally, he holds an F.A.G.E. certification from the Academy of General Education, Manipal. With a strong background in rehabilitation and sports therapy, Mr. Seth is committed to helping patients recover from injuries, improve mobility, and enhance overall physical well-being.

Dr. Sagarika Majumder

Dr. Sagarika Majumder is a Vitreoretinal Surgeon and Cataract Consultant at ASMII - Save the Sight Foundation. She also works at B R Singh Hospital and Centre for Medical Education and Research. She earned her MS in Ophthalmology from the Regional Institute of Medical Sciences. Dr. Majumder has previously served at Netaji Eye Hospital and Susrut Eye Foundation & Research Centre, showcasing her extensive expertise and dedication to eye care and research.

Dr. Sunanda Halder

Dr. Sunanda Halder is a distinguished ophthalmologist specializing in cataract and glaucoma care. With a robust academic foundation in medicine, she earned her MBBS and completed her MS in Ophthalmology, from showcasing her dedication to advancing eye health. Currently serving as a Consultant at ASMII Eye Hospital, Dr. Halder brings years of expertise to her practice.

Participants Details:

Sl. No.	Name	Designation	Department	Institution
1	Mr. Sourav Karmakar	Assistant Professor	Optometry	Swami Vivekananda University
2.	Dipen Kabasi	Student	Physiotherapy	Swami Vivekananda University
3.	Mantasha Matin	Student	BMRIT	Swami Vivekananda University
4.	Anupriya Singh	Student	BMRIT	Swami Vivekananda University
5.	Sithy Boidya	Student	BMRIT	Swami Vivekananda University
6.	Sadab Sultana	Student	BMRIT	Swami Vivekananda University
7.	Tushika Das	Student	BMRIT	Swami Vivekananda University
8.	Atish Das	Student	BMRIT	Panchanani Nandi Memorial PTTI
9.	Deep kayal	Student	BMRIT	Garhbeta College
10.	Mrigapananda Barman	Student	BMRIT	Swami Vivekananda University
11.	Sushovan Das	Student	BMRIT	Swami

12	Ritesh Samanta	Student	BMLT	Swami Vivekananda University
13	SK Safin Hossain	Student	BMLT	Swami Vivekananda University
14	Arka chatterjee	Student	BMLT	University of Santiago de Compostela, Spain
15	Ranadeb Banerjee	Student	Optometry	
16	Sirsendu Roy	Student	Optometry	Swami Vivekananda University
17	Isita Mondal	Student	Optometry	Swami Vivekananda University

SEMINAR REPORT

INTERNATIONAL CONFERENCE ON HEALTHCARE RESEARCHES AND DEVELOPMENT

Date: 4th & 5th February 2025

Venue: Swami Vivekananda University

Organized by: School of Allied Health Sciences, Swami Vivekananda University

Introduction

The *International Conference on Healthcare Researches and Development*, organized by the School of Allied Health Sciences, Swami Vivekananda University, was held on the 4th and 5th of February 2025. The conference aimed to create a platform for interdisciplinary knowledge exchange among researchers, healthcare professionals, and students. The theme, *Allied Perspectives: Transforming Healthcare Through Interdisciplinary Insights*, emphasized the importance of collaboration across various allied health disciplines to enhance healthcare outcomes.

Objectives of the Conference

The primary objectives of the conference were:

- To promote interdisciplinary discussions and collaborative research in healthcare.
- To provide insights into recent advancements in healthcare research and development.
- To enhance professional knowledge and skills in allied health sciences.
- To bridge the gap between academic research and clinical practice.
- To offer career guidance and growth opportunities for students in healthcare professions.

Keynote Sessions

The conference featured distinguished keynote speakers, who provided valuable insights into various specialized topics in healthcare:

Day 1:

- *Dr. Sunanda Halder* – **Glaucoma:** A detailed discussion on the pathology, diagnosis, and recent advancements in glaucoma management.



- *Dr. Ayan Ghosal* – Recent Advances in Management of Frozen Shoulder: Shoulder Hydrodilataion: Addressing the effectiveness of shoulder hydrodilataion in managing frozen shoulder.



Day 2:

- *Dr. Mantu Akon* – **Neuro-Optometric Rehabilitation:** Exploring neuro-optometric approaches in vision therapy and rehabilitation.



- *Dr. Arindam Seth* – **Advanced Rehabilitation of CRPS:** An in-depth discussion on the

rehabilitation strategies for Complex Regional Pain Syndrome.



Pre-lunch session:

- *Dr. Sagarika Majumder – Retinal and Its Common Disorders:* Covering common retinal pathologies and their management.



- *Mr. Prajjwal Ghosh – Refractive Surgery & Specialty Contact Lens:* Discussing innovations in refractive surgery and specialized contact lenses.



- *Ms. Shilpa Singh – Career in Radiology:* Providing guidance on career opportunities in the field of radiology.



Topics Covered

The conference covered a range of topics in the fields of optometry, medical laboratory technology, and rehabilitation sciences. These sessions focused on innovative techniques, advancements in medical technology, and the latest research trends in allied health sciences.

Participation

The conference witnessed the active participation of more than 20 students, research scholars, and professionals from diverse fields, including Medical Laboratory Technology (MLT), Medical Radiology & Imaging Technology (MRIT), Optometry, and Physiotherapy. The event facilitated interactions between students and experts, allowing for meaningful exchanges of knowledge and experiences.

Summary of Discussions and Presentations

Throughout the conference, various speakers and presenters emphasized the significance of interdisciplinary collaboration in transforming healthcare delivery. Discussions revolved around evidence-based practices, technological advancements in medical diagnostics, and rehabilitation



The *International Conference on Healthcare Researches and Development* successfully achieved its objectives by fostering a culture of learning and professional development among students and healthcare practitioners. The discussions and presentations provided valuable knowledge on cutting-edge advancements in healthcare, emphasizing the need for continuous research and interdisciplinary cooperation. Participants gained insights into emerging career opportunities and research directions in their respective fields. The event concluded on a high note, with a collective commitment to advancing healthcare through innovation and collaboration.

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