

**BRAINWARE
UNIVERSITY**

Department of Allied
Health Sciences



International Conference

BrainHealthcon 2026

Translating Healthcare Innovations to Impact: AI for Equitable and
Sustainable Development towards Viksit Bharat

Announcement

On behalf of the Organising Committee, BrainHealthcon 2026, it is my great privilege to invite you to the International Conference being organised by the Department of Allied Health Sciences, under the School of Medical and Allied Health Sciences, Brainware University, Kolkata, India, on the theme “Translating Healthcare Innovations to Impact: AI for Equitable and Sustainable Development towards Viksit Bharat “ at Brainware University, 398, Ramkrishnapur Rd, near Jagadighata Market, Barasat, Kolkata, West Bengal 700125, India, from 1–3 November 2026.

About the University

Established in 2016 under the Brainware University Act, the university is a UGC-recognised private state university located in Barasat near Kolkata. It is part of the reputed Brainware Group, with a legacy of over three decades in education, aiming to promote career-oriented and industry-relevant learning. The institution is affiliated with multiple regulatory and professional bodies such as University Grants Commission (UGC), Ministry of Education, Govt. of India, Dept. of Scientific and Industrial Research (DSIR), Ministry of MSME, Govt. of India, Association of Indian Universities (AIU), Pharmacy Council of India (PCI), Bar Council of India (BCI), Indian Nursing Council (INC), Directorate of Medical Education and Ministry of Health and Family Welfare (Govt. of West Bengal) etc., ensuring academic credibility and compliance with national standards.

Guided by the mission of its Founder Chancellor, Phalguni Mookhopadhyay, the institution emphasises affordable and accessible education for students from diverse socio-economic backgrounds. The university offers a wide spectrum of programmes, including undergraduate, postgraduate, doctoral, diploma, and skill-based courses across disciplines such as engineering, biotechnology, management, law, agriculture, medical and allied health sciences, media, and humanities. The campus spans a modern, eco-friendly setup with advanced laboratories, libraries, workshops, hostels, healthcare facilities, and sports infrastructure, creating a holistic learning environment. The university emphasises industry collaboration, live projects, internships, and pre-placement training, aiming to enhance employability and career readiness among students. It reports strong placement initiatives with extensive recruiter networks and structured training programmes, reflecting its focus on career outcomes. With a student base of over 19,000 learners, Brainware University fosters a vibrant campus life through academic events, cultural activities, and innovation-driven initiatives.

Overall, Brainware University positions itself as a career-focused, innovation-driven institution, committed to accessible education, skill development, and holistic student growth in alignment with evolving industry demands.

About the Department

The Department of Allied Health Sciences under Brainware University has started its journey in 2019 to fulfil the mission and vision of our Honourable Chancellor, Mr. Phalguni Mookhopadhyay. Brainware University is among the few universities that provide quality allied healthcare education, producing qualified and competent allied healthcare professionals. Presently, the department is offering seven undergraduate courses: Bachelor of Anaesthesia and Operation Theatre Technology, Bachelor of Medical Radiology and Imaging Technology, Bachelor of Medical Laboratory Science, Bachelor of Optometry, Bachelor of Physician Associates, Bachelor of Science in Critical Care Technology, Bachelor of Physiotherapy and two post-graduate courses like Master of Medical Laboratory Science and Master of Optometry, along with one diploma course (Diploma in Medical Laboratory Science).

The department is deeply engaged in teaching students of different allied health sciences courses with practical hands-on training. This department has also extended facilities for research and development in various disciplines of health sciences to promote the knowledge level of recent developments in this field. Recently, the Department introduced the Brainware Diagnostics and Research Centre under its own umbrella to impart the healthcare access not only to the students of its own but also to the outpatients at an affordable rate.

Dr. Professor Abhishek Jana
Organising Secretary, BrainHealthcon 2026
Head, Department of Allied Health Sciences



How the conference is relevant to the thrust area

The International Conference BrainHealthcon 2026, with its theme “Translating Healthcare Innovations to Impact: AI for Equitable and Sustainable Development towards Viksit Bharat,” arrives at a critical juncture in India’s healthcare and technological transformation. As India undergoes structural shifts in health system reform, digital governance, and innovation ecosystems, this conference holds strategic relevance across multiple dimensions—policy, practice, research, equity, and global positioning. The conference theme is especially pertinent for India’s goal of Viksit Bharat (Developed India) and aligns with different national priorities like-

Strategic Alignment with Viksit Bharat Vision

The conference supports India’s aspiration for a developed nation by integrating healthcare innovation with sustainable and inclusive growth.

Strengthening Digital Health Ecosystem

Aligns with the National Digital Health Mission (NDHM) by promoting AI-driven solutions such as electronic health records, telemedicine, and secure digital infrastructure for improved healthcare delivery.

Advancing National AI Priorities

Reinforces NITI Aayog’s National Strategy for AI by emphasising practical implementation of AI in early diagnosis, disease prediction, and clinical decision support systems.

Enhancing Universal Health Coverage

Complements Ayushman Bharat by enabling AI-based innovations for rural screening, chronic disease risk assessment, and personalised treatment pathways, thereby strengthening primary healthcare.

Reducing Urban–Rural Healthcare Gaps

Highlights the role of AI in ensuring equitable access through remote diagnostics, teleconsultation, and outreach services in underserved regions.

Promoting Ethical and Scalable Innovation

Encourages development of responsible, secure, and scalable AI frameworks suited to India’s diverse healthcare landscape.

Bridging Research and Practice

Serves as a platform connecting policymakers, researchers, and clinicians to translate academic research into real-world healthcare solutions.

Supporting Digital Transformation

Accelerates India’s transition towards a technology-driven healthcare system with improved efficiency, accessibility, and quality of care.

Capacity Building and Skill Development

Provides opportunities for researchers and students to align their work with national healthcare needs and emerging technological trends.

Addressing National Health Challenges

Contributes to tackling pressing issues such as disease burden, healthcare accessibility, and system efficiency through innovation-driven approaches.

Outline of the Programme

1. Advancing Physiotherapy Research: Role of AI-Driven Rehabilitation for Inclusive Musculoskeletal Care
2. Intelligent Diagnostics: Leveraging AI for Precision, Equity, and Advancement in Biomedical Laboratory Science
3. AI-Driven Vision Care to Strengthen Early Detection, Universal Eye Health, and Optometric Research
4. Smart Imaging for Rural India: AI- Enabled, Low-Dose, and Cost-effective Diagnosis
5. Smart Critical Care: Artificial Intelligence for Early Prediction
6. Intelligent Operating Rooms for Advanced Surgical Care
7. AI-Augmented Clinical Practice: Advancing Physician Associate–Led Patient-Centric Healthcare
8. Advancement of Biomedical Research towards Viksit Bharat
9. AI-Powered Community Health Systems: Bridging the Urban-Rural Gap

Organising Committee

1. **Chief Patron:** Mr. Phalguni Mookhopadhyay, Chancellor, Brainware University
2. **Chairman:** Professor Sankar Gangopadhyay, Vice-Chancellor (Acting) and Chief Advisor Research, Brainware University
3. **Vice Chairman:** Dr. Swaraj Sarkar Registrar (Acting), Brainware University
4. **Chairperson/ Chief Advisor:** Dr Gopeswar Mukherjee, Professor Dept. of Allied Health Sciences, Brainware University
5. **Convenor:** Dr. Asim Kumar Basak, Professor, Dept. of Allied Health Sciences, Brainware University
6. **Joint Convenor:** Dr Sriparna De, Associate Professor, Dept. of Allied Health Sciences, Brainware University
7. **Organising Secretary:** Dr Abhishek Jana, Professor & HOD, Dept. of Allied Health Sciences, Brainware University
8. **Assistant Organising Secretary:** Dr. Animesh Dey, Associate Professor, Dept. of Allied Health Sciences, Brainware University
9. **Treasurer:** Mr. Subhamoy Satpathy, Dept. of Allied Health Sciences, Brainware University
10. **Joint Treasurer:** Mr. Shaswat Kumar Chandan, Assistant Professor, Dept. of Allied Health Sciences, Brainware University



Key Resource Persons	
Dr. Ravi Kannan R	Padma Shri Awardee, 2020, Director, Cachar Cancer Hospital and Research Centre (CCHRC), Silchar, Assam
Professor Dibyendu Das	Shanti Swarup Bhatnagar Awardee in 2025, Department of Chemical Sciences (DCS), Indian Institute of Science Education and Research, Kolkata
Dr. Arunoday Mondal	Padma Shri Awardee, 2020, SUJAN – SUNDARBAN, Charitable Health Clinic Roypara, 24 Parganas North, West Bengal, India
Dr. Jeffrey H Withey	Professor, Dept. of Biochemistry, Microbiology & Immunology School Of Medicine, Wayne State University, Detroit, USA
Professor Mahitosh Mandal	Head, School of Medical Science & Technology, IIT - Kharagpur, West Bengal
Dr. Gausal Azam Khan	Professor, King Faisal University, Saudi Arabia
Dr. Saikat Chakrabarti	Senior Principal Scientist & Deputy Head, CSIR-IICB, Kolkata
Professor Datuk Dr. Rokiah Hj. Omar	Professor, University Kebangsaan, Malaysia
Dr. Arvind M. Deshmukh	President, Microbiologists Society, India
Dr. Pralay Mitra	Professor, Dept. of CSE, IIT Kharagpur, West Bengal
Dr. Kaushik Bharati	Health Policy Consultant, UNESCO, New Delhi
Dr. Yap Tiong Peng	Senior Optometrist, IGARD Vision Therapy, Singapore
Dr. Rahul Pratap Kotian	Professor, Medical Imaging; Radiology Manager, Burjeel Medical City, UAE
Professor Priyadarshi De	Department of Chemical Sciences, Indian Institute of Science Education and Research (IISER), Kolkata
Dr. Tanmoy Acharya	Senior Physician Assistant, Fortis Hospital, Anandapur, Kolkata
Dr. Bobby Paul	Professor and Head, Department of Preventive and Social Medicine, All India Institute of Hygiene and Public Health, Kolkata
Dr. Dipankar Chattopadhyay	Professor, Dept. of Polymer Science and Technology, University of Calcutta
Dr. Sanjit Dey	Professor in Physiology, Dept. of Physiology, University of Calcutta
Dr. Gorachand Dutta	Assistant Professor, School of Medical Science and Technology, IIT, Kharagpur
Dr. Rajen Halder	Professor in Physiology, Dept. of Physiology, University of Calcutta
Dr. Rajarshi Basu	R.G. Kar Government Medical College and Hospital, Kolkata

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Registration



	Early Bird Registration (Till 31/08/2026)	Late Registration (Within 26/10/2026)	Spot Registration
Student (UG/PG – Host Institute)	INR 1000	INR 1200	NA
Student (UG/PG – External Institute)	INR 1200	INR 1500	NA
Research Scholars/Postdoctoral Researchers	INR 3000	INR 3500	INR 4000
Faculty/Industry Person	INR 4500	INR 5000	INR 5000
Accompanying Person	INR 2000	INR 2500	INR 2500
Online Mode Participants	INR 500	INR 750	NA
International Delegates	USD 100	USD 100	NA
International Delegates – Virtual Mode	USD 25	USD 30	NA

Accommodation			
Category	Single Room/Day*	Double Bed Room/Day	Hostel Twin Sharing
Non AC	INR 1500 to INR 2000 /Day	INR 1500 to INR 2500	INR 750/day/person
AC	INR 2500 to INR 3500/Day	INR 3500 to INR 5500/Day	Not available

* Charges are for a normal 3-star hotel

Duly filled registration form



Payments should be made
in favour of: Brainware University,
Account No- 50100730620853,
Savings Account,
HDFC BANK, BARASAT, WEST BENGAL
IFSC- HDFC0000352



Abstract Form: Oral/Poster Presentation

Last Date for Abstract Form Submission: 10 October 2026

1. Title Page: Title of Article, Author(s), Department(s), Institution(s), City, State, Country, Pin code
2. Abstract Page: Should be structured and must be written in English, within 250 words using Times New Roman font, letter size 12, single spacing. The name of the presenting author should be underlined. The affiliation of author(s) must be given. The abstract should be typed using a single paragraph, which should contain the Background, Objectives, Materials and Methods, Results, and Conclusion. There should be 4 to 6 keywords following the abstract. There should be a one-line gap between each section. The alignment and letter size of different sections are as follows: Title: 14, Capitalisation of each word, centrally aligned. Authors(s): 14, Normal, Centrally aligned Affiliation: 12, Normal, Centrally aligned Abstract Text: 12, Normal, Justify aligned Key words: 12, Normal, Justify aligned.
3. Full Paper: It should be structured under the headings of Abstract, Background, Objectives, Materials and Methods, with Ethical clearance, Results, Discussion, Conclusion, Acknowledgment, Conflict of Interest, Funding (If any), References as per Vancouver style.

N.B.

1. Abstracts of registered participants will be accepted only after non-refundable registration.
2. A soft copy of the abstract and duly filled in the registration form should be submitted by email to:
brainhealthcon@brainwareuniversity.ac.in
3. All other correspondence should be addressed to the Organising Secretary through e-mail:
brainhealthcon@brainwareuniversity.ac.in
4. Separate poster sessions will be held for UG, PG, and Ph.D. students, with Best Poster Awards presented in each category. The participants in poster sessions are requested to submit an abstract along with a letter from the Supervisor/Teacher, and a poster size of 1 meter × 1 meter.
5. Best 3 oral presentation awards for research scholar/PG/UG students in each session. *
6. All correspondence must be made to the Organising Secretary.

*** subject to change depending on the number of participants**





Publication

- Best 25-30 original articles not published elsewhere will be published as conference proceedings in Scopus/Web of Science-indexed
- Rest of the original articles not published elsewhere will be published as a book chapter with an ISBN by an International book publisher

NB: Please mail the abstract and full paper along with payment proof to the email ID: brainhealthcon@brainwareuniversity.ac.in

Conference Secretariat

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Organising Secretary: Dr. Abhishek Jana, Professor & HoD, ☎ 9775174928

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