



ADAPTATION IN MEDICINE, SPORTS, REHABILITATION
AND CARDIOVASCULAR SCIENCES
— ADAPT • INNOVATE • ELEVATE —

14th WORLD JOINT CONFERENCE ON ADAPTATION IN MEDICINE, SPORTS, REHABILITATION AND CARDIOVASCULAR SCIENCES (AMSRC)

Engineering Global Health, Rehabilitation and Adaptive Performance Through Science



SGT
UNIVERSITY

Shree Guru Gobind Singh Tricentenary University



In
collaboration
with



SCHOOL OF PHYSIOTHERAPY, SGT UNIVERSITY

INTERNATIONAL SOCIETY OF ADAPTIVE
MEDICINE AGING HEART (USA)



11th - 13th February 2027



Venue : Shree Guru Gobind Singh Tricentenary University,
Gurugram, Haryana, India

ASSOCIATED PARTNERS



INDIAN SOCIETY OF
SPORTS AND EXERCISE MEDICINE
Reg. No. S-11107



International Federation of
Physical Education, Fitness and
Sports Science Association



• Ideate • Innovate • Impact •



PATIALA

CONFERENCE HIGHLIGHTS



Distinguished Speakers Worldwide



Delegates from 15+ Countries



Scopus / Web of Science
Publication Opportunities



International Keynote &
Plenary Sessions



AI & Digital Health Focused
Scientific Sessions



Workshops & Hands-on Training



Young Scientist Awards



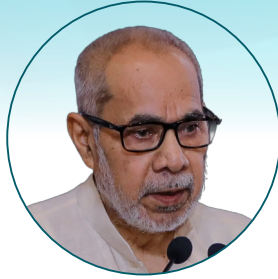
Industry & Innovation Showcase



Research Collaboration Opportunities



ORGANIZING COMMITTEE



CHIEF PATRON

Padma Bhushan Shri Ram Bahadur Rai
(Hon'ble Chancellor)

→ CO-CHIEF PATRONS ←



Smt. Madhupreet Kaur Chawla
(Chairperson)



Shri. Manmohan Singh Chawla
(Managing Trustee)



Mr. Amrit Singh Chawla
(Trustee Member)

→ PATRON ←



Prof. Basuthkar Jagadeeshwar Rao
Pro Chancellor and Officiating
Vice Chancellor



Prof. (Dr.) Atul Kumar Nasa
Pro Vice Chancellor

→ CONFERENCE CHAIRPERSONS ←



Dr. G. L. Khanna
Advisor SGT University,
Former Pro Vice Chancellor
SGT University, Gurugram,
Haryana



Prof. (Dr.) Dinender K. Singla
President, International Society
for Adaptive Medicine Professor
& Endowed Chair, University of
Central Florida, USA



**ORGANIZING
SECRETARY**
Prof. (Dr.) Pooja Anand
Dean, School of Physiotherapy



**JOINT ORGANIZING
SECRETARY**
Prof. (Dr.) Piyush Singh
Associate Dean,
School of Physiotherapy



WELCOME MESSAGE

Dear Delegates,

On behalf of the Organizing Committee, it is our privilege and honor to welcome researchers, clinicians, academicians, students, healthcare professionals, sports scientists, rehabilitation experts, and industry leaders from across the globe to AMSRC 2027.

The **14th World Joint Conference on Adaptation in Medicine, Sports, Rehabilitation and Cardiovascular Sciences & Aging Heart** aims to establish a premier international platform for scientific exchange, interdisciplinary collaboration, innovation, and translational research.

The conference will bring together leading minds in adaptive medicine, regenerative sciences, cardiovascular biology, sports performance, rehabilitation sciences, artificial intelligence, precision medicine, and healthy aging to discuss the latest scientific advancements and future directions.

AMSRC 2027 is envisioned as one of Asia's leading interdisciplinary scientific forums integrating medicine, rehabilitation sciences, sports sciences, cardiovascular research, and healthcare innovation.

We warmly invite you to participate in this landmark global scientific gathering and contribute toward shaping the future of healthcare and human performance.

Organizing committee



WHY ATTEND AMSRC 2027?



FOR RESEARCHERS

- ✓ Opportunity to present cutting-edge scientific work International publication opportunities
- ✓ Networking with global experts
- ✓ Collaborative research opportunities
- ✓ Exposure to emerging interdisciplinary research areas



FOR CLINICIANS

- ✓ Latest evidence-based rehabilitation practices
- ✓ Precision medicine and digital healthcare insights
- ✓ Cardiovascular and sports rehabilitation updates
- ✓ Clinical workshops and hands-on sessions



FOR STUDENTS & YOUNG SCIENTISTS

- ✓ Mentorship from global leaders
- ✓ Young Scientist Awards
- ✓ Research presentation opportunities
- ✓ Career networking and academic collaborations
- ✓ Innovation and startup exposure



FOR INDUSTRY & TECHNOLOGY PARTNERS

- ✓ Innovation showcase opportunities
- ✓ Product demonstrations
- ✓ Healthcare technology networking
- ✓ Industry-academia collaboration
- ✓ Research commercialization opportunities





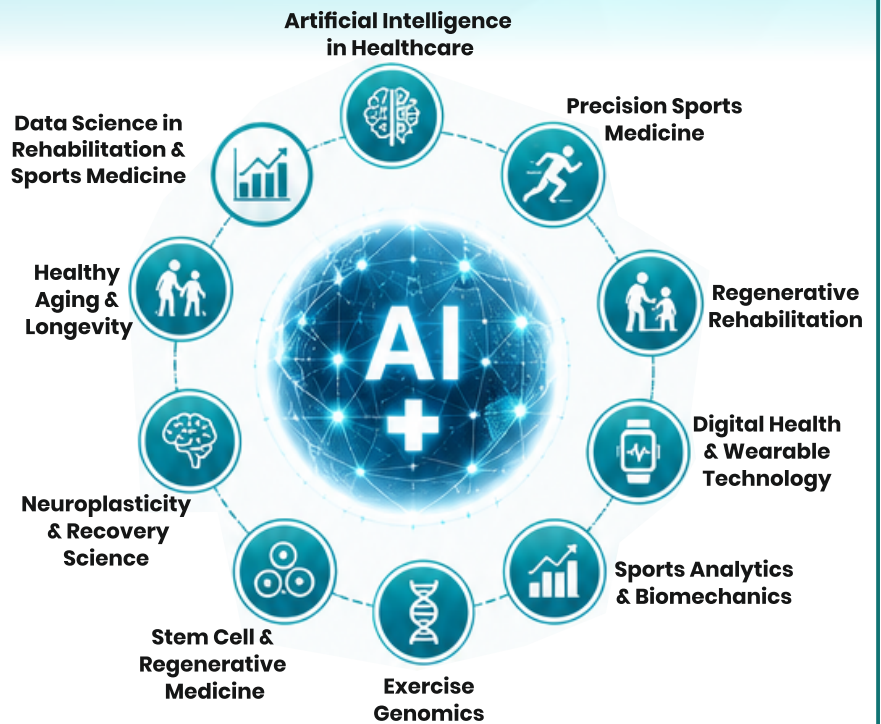
ABOUT THE CONFERENCE

AMSRC 2027 is designed as a high-impact interdisciplinary scientific conference focused on the convergence of adaptive medicine, sports sciences, rehabilitation, cardiovascular sciences, regenerative medicine, artificial intelligence, precision healthcare, and healthy aging.

The conference aims to bridge the gap between scientific discovery and clinical application by promoting translational research and international collaboration.

The scientific program will feature keynote lectures, plenary sessions, scientific paper presentations, workshops, expert panel discussions, poster sessions, innovation showcases, and networking platforms.

The conference will particularly emphasize future-oriented scientific domains including:



SCIENTIFIC THEMES

1

Adaptive Medicine & Translational Healthcare



- Adaptive Medicine
- Precision Medicine
- Translational Clinical Research
- Personalized Healthcare

2

Cardiovascular Sciences & Aging Heart



- Cardiovascular Biology
- Cardio-Metabolic Disorders
- Heart Failure & Rehabilitation
- Aging Heart & Longevity
- Cardio-Oncology

3

Rehabilitation Sciences



- Cardiopulmonary Rehabilitation
- Neuro Rehabilitation
- Musculoskeletal Rehabilitation
- Sports Rehabilitation
- Community Rehabilitation

4

Sports Sciences & Human Performance



- Sports Medicine
- Exercise Physiology
- Sports Nutrition
- Strength & Conditioning
- Performance Analytics
- Biomechanics
- Injury Prevention

5

Digital Health & Innovation



- Artificial Intelligence in Healthcare
- Rehabilitation Robotics
- Wearable Technologies
- Telemedicine
- Digital Monitoring Systems
- Smart Rehabilitation Platforms

6

Regenerative & Molecular Medicine



- Stem Cell Biology
- Molecular Adaptation
- Exercise Genomics
- Cellular Physiology
- Tissue Regeneration



KEY INTERNATIONAL SPEAKERS



Prof. (Dr.) Dinender K. Singla
MD, PhD
Professor and Head,
Burnett School of Biomedical Sciences,
College of Medicine,
University of Central Florida
🇺🇸



Dr. Paras Kumar Mishra
PhD,
Associate Professor, Department of
Cellular & Integrative Physiology
University of Nebraska Medical college, USA
🇺🇸



Prof. (Dr.) Sanjay V. Malhotra
PhD, FRSC, Department of Cell,
Development and Cancer Biology, School of Medicine,
Oregon Health and Science University,
Portland, OR, USA
🇺🇸



Prof. (Dr.) Ravichandran Ramasamy
PhD (Loyola University of Chicago)
New York University Langone Health , USA
🇺🇸



Prof. (Dr.) Raj Kishore
PhD, FAHA
Department of Cardiovascular Sciences,
Aging + Cardiovascular Discovery Centre
Lewis Katz School of Medicine,
Temple University, Philadelphia, USA
🇺🇸



Prof. (Dr.) Michal Masternak
PhD
University of Central Florida,
Orlando United States
🇺🇸



Dr. Seela Ramesh Gastroenterologist
Medical Director in Kissimmee Orlando,
Florida USA
🇺🇸



Prof. (Dr.) Mohtashem Samsam
PhD(Neuroscience),
Director of Research Advent Health University,
Orlando, Florida, USA
🇺🇸



Prof. (Dr.) Johnson Rajasingh
MPhil, PhD,
Department of Biosciences Research
University of Tennessee Health
Science Centre(UTHSC), Memphis, USA
🇺🇸



Prof. (Dr.) Shadab A. Siddiqi
PhD, Burnett School of Biomedical Sciences
University of Central Florida College
of Medicine, Orlando, Florida, USA
🇺🇸



Dr. Martin Toms
JP BA(Hons) MPhil, CertEd PhD, ISSEM
Associate Professor
School of Sport, Exercise and Rehabilitation Sciences,
University of Birmingham
🇬🇧



Prof. (Dr.) KUO Chia-Hua
PhD
Department of Health and Physical Education
The Federation University of Hong Kong
🇮🇹



Prof. (Dr.) Ibrahim Dabayebbeh
Master of Science, PhD(exercise Physiology)
University of Jordan, Jordan
🇯🇴



Dr. Mohsin Khan
Associate Professor, BS, MS, PhD
(Molecular Sciences)
Department of Cardiovascular Sciences,
Lewis Katz School of Medicine,
Temple University, Philadelphia, USA
🇺🇸



Prof. (Dr.) Zixi Jack Cheng,
PhD, Burnett School of Biomedical Sciences,
College of Medicine, University of Central Florida,
Orlando, Florida, USA
🇺🇸



Dr. Beshay Zordoky
PhD, FAHA, Associate Professor
Department of Experimental
and Clinical Pharmacology,
University of Minnesota College of Pharmacy
🇺🇸



KEY NATIONAL SPEAKERS



Prof. Nirmal Kumar Ganguly
Former Director General,
Indian Council of Medical Research
(ICMR) Expertise: Translational Medicine
& Public health



Dr. G L Khanna
MS. Physiology, PhD
Advisor SGT University,
Former Pro Vice Chancellor SGT University
Gurugram, Haryana



Saurabh Sanyal
Secretary General, Apex National Chamber of
Commerce and Industries, ASSOCHAM
Gurgaon, Haryana



Dr. Kunwar Shekhar Vijendra
Chairman, National Education Council,
ASSOCHAM, New Delhi



Prof. (Dr.) Dr Arpan Banerjee
PhD, FNASC
Scientist VI, National Brain Research Centre
Gurugram, Haryana



Prof. (Dr.) Rajat Sandhir
MSc., PhD. Biochemistry
Department of Biochemistry,
Panjab University, Chandigarh



Dr. Arun Bandyopadhyay
FNA, Former Director,
Gujarat Biotechnology University



Prof. (Dr.) Vishal Bansal
MBBS, MD, PhD
Director & HOD of Physiology
V.P. Chest Institute, University of Delhi



Prof. (Dr.) G. Arun Maiya
PhD, MBA, Dean,
Manipal college of Health Professions,
Department of Physiotherapy



Prof. (Dr.) Ali Irani
PhD
Head of Department at Nanavati
Max Super Speciality Hospital
Mumbai, Maharashtra



Dr. Rajeev Agarwal
MPT, PhD
Supintendent, Physiotherapist and In-Charge,
Neurophysiotherapy Unit
AIIMS, New Delhi



Dr. Vishwa Prakash Gupta
PhD
Consultant Physiotherapist,
Fortis Escorts Heart Institute, New Delhi



Prof. (Dr.) Rajesh Kumar
MPEd, PhD, Physical Education
Dean, Faculty of Education,
Osmania University Hyderabad Telangana



Prof. (Dr.) Pooja Anand
MPT, PhD
Dean, school of physiotherapy,
SGT University Gurugram, Haryana



Prof. (Dr.) Piyush Singh
MPT, PhD
Associate Dean, school of physiotherapy,
SGT University Gurugram, Haryana



Prof. (Dr.) Dobson Dominic
MBBS, M.D, PhD, Sports Medicine,
Madha Medical College and Research Institute
Chennai, Tamil Nadu



Dr. C. Veerender
Sports Psychologist Director,
You & Me Counselling Centre,
Hyderabad



Prof. (Dr.) Major S. Bakhtiar Choudhary
MBBS, MD,
Director, Hyderabad Spine Clinics,
Hyderabad



Dr. Kiran Kumar Kulkarni
MBBS, PG diploma sports medicine
Consultant in Sports Medicine,
Exercise, Fitness And Nutrition



Dr. Gagan Kumar Banodhe
MBBS, DSM (sports medicine),
MD(Physiology),
Assistant professor,
Physiology, AIIMS, Patna, Bihar



Prof. (Dr.) Bhagat Singh Rathee
PhD (Physical Education)
Professor, MD University,
Haryana, Rohtak



Dr. Manohar Lal
B.Sc., M.A., M.Phil & Ph.D
(Physical Education)
Associate Professor & Chairperson,
Department of Physical Education,
Himachal Pradesh University, Shimla



Prof. (Dr.) Gurmeet Singh Kapoor
PhD, Professor
(Physical Education)
Punjab University, Chandigarh



Dr Tarun Lala (PT)
MPT-Neurology
Zonal Head southzone
Max Healthcare
New Delhi



Dr. Prahalad Priyadarshi (PT)
MPT - Sports,
Sports Physiotherapist and
High-Performance Analyst,
Sports Authority of India,
New Delhi



Dr Dorcas Gandhi
Vice Principal & Professor,
College of Physiotherapy
Clinical Supervisor, Dept. of Neurology
Christian Medical College & Hospital,
Ludhiana, India

CONFERENCE STATISTICS



40+
International
Experts



15+
Participating
Countries



350+
Delegates
Expected



100+
Scientific
Papers



20+
Scientific
Sessions



International
Workshops &
Training Modules



Industry &
Innovation
Partnerships



PUBLICATION OPPORTUNITIES

Selected high-quality papers presented at AMSRC 2027 will be considered for publication in:

- Scopus Indexed Journals
- Web of Science Indexed Journals
- Peer-Reviewed International Journals
- Conference Proceedings with ISBN & DOI Allocation

All submissions will undergo a rigorous peer-review process by the Scientific Committee.



CALL FOR ABSTRACTS

Researchers, clinicians, academicians, and students are invited to submit original scientific abstracts aligned with the conference themes.

Abstract Categories

- Oral Presentation
- Poster Presentation
- Innovation Showcase
- Young Scientist Competition

Abstract Submission Guidelines

1. Conference registration is mandatory for abstract submission.
2. All correspondence will be made with the submitting author (corresponding author), who will be considered the presenting author unless otherwise specified.
3. Submissions must follow the structured format: Title, Authors, Background, Aim(s), Methodology, Result, Conclusion
Additional formatting requirements:
 - Maximum 250 words
 - Microsoft Word format (.doc/.docx)
 - Times New Roman, 12-point font
4. Authors may indicate their preference for oral or poster presentation; however, the final decision will rest with the Scientific Committees.
5. All submissions will undergo peer review by the Scientific Committee.
6. Abstracts found to contain plagiarism or inappropriate AI-generated content will be rejected/cancelled. The Scientific Committee's decision will be final, and no correspondence regarding it will be entertained.
7. Only one author may present each paper/poster. The presenting author must be clearly identified at the time of submission. Participation certificates will be issued only to the presenting author.
8. No author may present more than one paper/poster.
9. Authors are solely responsible for the scientific accuracy, grammar, and content of their abstracts. Accepted abstracts will be published as submitted without editing.



PAPER PRESENTATION GUIDELINES



GENERAL INSTRUCTIONS



Paper must be original, unpublished, and relevant to the conference theme.



The presenting author must be registered for the conference.



Do not mention author affiliations on the title slide.



Follow the allotted presentation time strictly.



Carry a backup copy on a USB drive.



Ensure ethical approval where applicable.



PRESENTATION FORMAT & STRUCTURE



Use PPT/PPTX or compatible formats



Recommended length: 10–15 slides.



Title Slide: Title and abstract number.



Background/Objectives: Brief introduction and study aims/objectives.



Methods: Study design, participants, procedure, and analysis.



Results: Key findings with tables/figures if required.



Conclusion: Concise summary of findings.



References: Vancouver style.



TIME ALLOCATION



PRESENTATION
5–8 MINUTES



Q&A
2 MINUTES



SUBMISSION



- Submit the final presentation a week before the scheduled date of presentation.

- **File name:**
AuthorName_PaperTitle.pptx

IMPORTANT DATES

Activity	Tentative Date
Abstract Submission Opens	1 July 2026
Early Bird Registration Deadline	30 October 2026
Last Date for Abstract Submission	16 November 2026
Acceptance Notification	December 2026
Final Registration Deadline	30 January 2027

REGISTRATION CATEGORIES

National Category		SCAN QR Code for National Registration
Participant Type	Registration Fee	
Students / Research's	₹4,500	
Academicians / Industry Professionals	₹6,000	

Registration Link: <https://docs.google.com/forms/d/e/1FAIpQLSehVBMZJxOMkzXtUWlpiAgAUoMGTr4C1hz0K5psTPizKMEKQ/viewform?usp=publish-editor>

International Category		SCAN QR Code for International Registration
Participant Type	Registration Fee	
Lower & Upper-Middle-Income Economies	USD 349	
High-Income Economies	USD 599	

Registration Link: <https://docs.google.com/forms/d/1CB4v6alHJ6PprJw92nXIXQ4pwb55xEC8eGKSme-yW8/edit>

LAST DATE OF REGISTRATION 31ST JANUARY 2027



ABOUT SGT UNIVERSITY

SGT University is a NAAC A+ accredited multidisciplinary institution recognized by the University Grants Commission (UGC), India. Located in Gurugram, the university has emerged as a rapidly growing center for higher education, healthcare, research, innovation, and interdisciplinary academic excellence. The university houses advanced healthcare infrastructure, modern laboratories, innovation centers, simulation facilities, and research ecosystems that support translational research and professional education. SGT University offers academic programs across multiple disciplines including medicine, allied health sciences, physiotherapy, sports sciences, engineering, management, dental sciences, nursing, pharmacy, and biotechnology. The institution has established several Centers of Excellence focused on simulation, innovation, entrepreneurship, sports sciences, and advanced research



ABOUT ISAM-AH

The International Society of Adaptive Medicine – Aging Heart (ISAM-AH) is an international scientific organization dedicated to advancing adaptive medicine, cardiovascular sciences, regenerative medicine, and translational healthcare research.

ISAM-AH brings together scientists, clinicians, academicians, and innovators working toward understanding disease mechanisms and developing patient-centered interventions that improve healthcare outcomes and quality of life.





ABOUT THE SCHOOL OF PHYSIOTHERAPY

School of Physiotherapy, SGT University is committed to excellence in physiotherapy, rehabilitation, sports sciences, and research through evidence-based education, advanced clinical training, and innovation. The School offers **BPT, MPT, Ph.D., B.Sc. Sports Sciences, and M.Sc. Strength & Conditioning** programmes, supported by state-of-the-art simulation laboratories and advanced research facilities. Active collaborations with **Special Olympics Bharat, Parasym™ (UK), Universitas Hindu Negeri I Gusti Bagus Sugriwa (Indonesia)**, and leading sports organizations provide opportunities for international academic exchange, sports rehabilitation, athlete performance enhancement, collaborative research, and experiential learning, preparing graduates to become globally competent healthcare and sports science professionals.

VENUE & TRAVEL INFORMATION



Venue

SGT University Gurugram,
Haryana, India



- Approximately 45 minutes from Indira Gandhi International Airport, New Delhi
- Connected through national highways and metro connectivity
- Availability of hotels and hospitality facilities nearby (SGT - 29km and Airport 6km)



International Delegates Support

- Visa assistance letters
- Accommodation guidance
- Airport transfer assistance
- Helpdesk support

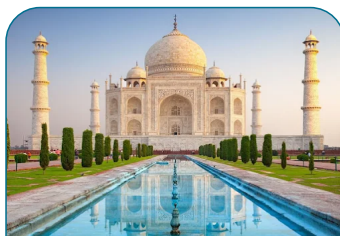
EXPLORE INCREDIBLE INDIA

Delegates will have the opportunity to experience the cultural heritage, modern infrastructure, hospitality, and tourist attractions of Gurugram and Delhi.

Key attractions include



India Gate



Taj Mahal



Fatehpur Sikri



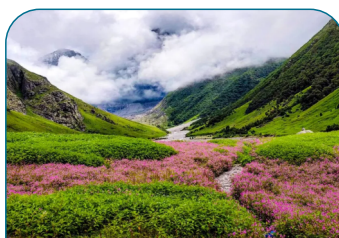
Red Fort
(UNESCO)



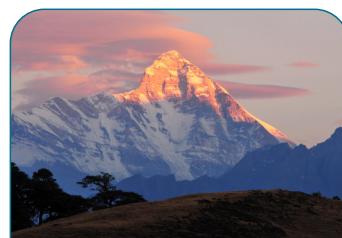
Great Himalayan
National Park



City Palace
(Jaipur)



Valley of Flowers
National Parks
(UNESCO)



Nanda Devi

CONTACT INFORMATION



Conference Secretariat

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<https://sgtuniversity.ac.in/conference/amsrc-2027/>

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