



MGM Centre of Human Movement Science MGM School of Physiotherapy, Navi Mumbai

Constituent unit of

MGM Institute of Health Sciences, Navi Mumbai, India

(Deemed to be University u/s 3 of the UGC Act, 1956)

Grade 'A++' Accredited by NAAC

Cordially invite you to

International Conference in Human Movement Science

on 7, 8 & 9th November 2025

Chief Guest:

Hon'ble Shri. Kamalkishore Kadam

Chancellor, MGM Institute of Health Sciences, Navi Mumbai

Dr. Shashank D. Dalvi

Vice Chancellor, MGM Institute of Health Sciences, Navi Mumbai

Dr. Nitin N. Kadam

Pro Vice Chancellor, MGM Institute of Health Sciences, Navi Mumbai

Dr. Sudhir N. Kadam

Medical Director, MGM Institute of Health Sciences, Navi Mumbai

Theme: 'Move for Health'

December 7th -9th November, 2025

**Venue: Auditorium, 3rd Floor, MGM Institute of Health Sciences, Navi
Mumbai**

Conference Program

Day 1: Friday, November 7, 2025

Time	Event
8:00 -9.00	Registration & Breakfast
9:00 -10.0 am	Paper presentation-I
10 – 10.45 am	Keynote Session 1: <i>Biomechanics of Yoga</i> - <i>Dr. S.N. Omkar (Chief Research Scientist, Indian Institute of Science, Bangalore)</i>
10.45 am	Tea/Coffee Break + Networking
11 -11.15 am	Inauguration Ceremony
11:15 -12.00 pm	Inaugural address
12.00- 12.30	Symposium 1: <i>Ergonomics –Human Machine Interaction –</i> - <i>Prof. Rauf Iqbal (Dean, Student Affairs. Professor – Operations and Supply chain management, Indian Institute of Management - Mumbai)</i> - <i>Dr. Kaushik Mukherjee (Assistant Professor, Department of Mechanical Engineering, IIT Delhi)</i>
12.30- 1.00 pm	Symposium 2: <i>Biomechanics of Indian & Western Classical Dance forms</i> - <i>Dr. Claire Hiller (Associate Professor, University of Sydney, Australia)</i>
1- 1.30	Lunch Break
1.30- 2.00 pm	Symposium 3: <i>Yoga Biomechanics</i> - <i>Dr Rajani Mullerpatan(Professor-Director, MGM Centre of Human Movement Science, Navi Mumbai)</i>
2.00- 2.30 pm	Symposium 4: <i>Sports Biomechanics -</i> - <i>Dr AG Sinha (Professor, Punjabi University, Patiala, Punjab)</i> <i>Running on an uneven terrain</i> - <i>Dr. Nihav Dhawale (Biomechanics technology consultant, Ultrahuman)</i>
2.30-3.30	Paper/ Poster Presentations II
3.15 pm	Tea/Coffee Break +Networking
3.30 onwards	Visit to the MGM Centre of Human Movement Science

Day 2: Saturday, November 8, 2025

Time	Event
8:30 am	Breakfast & Networking
9:00 -10 am	Paper presentation III
10- 10.45 am	Keynote Session 2: <i>In Vivo Biomechanics</i> - <i>Dr. Darshan Shah (Assistant Professor, Indian Institute of Technology, Mumbai)</i>
10.45 am	Tea/Coffee Break + Networking
11 -11.45 am	Symposium 5: <i>Gait & Posture – Classification of lower limb musculoskeletal disorders through gait and posture analysis using machine learning techniques.</i> - <i>Dr Kanagraj Subramani (Professor, Indian Institute of Technology, Guwahati.)</i> - <i>Dr. Atul Bhaskar (Pediatric Orthopedic Surgeon, Apollo Hospital)</i>
11.30 am - 12.15 pm	Keynote session 3: <i>Biomechanics in Rehabilitation Engineering</i> - <i>Dr Yumna Albertus (Associate Professor, Division of Exercise Science and Sports Medicine, University of Cape Town)</i>
12.15-1.00 pm	Symposium 6: <i>Mechanics of Adult Back Pain</i> - <i>Dr Abhay Nene (Consultant Spine Surgeon, Lilavati Hospital & Research Centre)</i> <i>Biomechanical Principles in the Management of Osteoporotic spine</i> - <i>Dr. Arvind Vatkar (Assistant Professor, MGM Medical College, Nerul)</i>
1-1.30 pm	Lunch + Networking
1.30 – 3.00 pm	Symposium 7: <i>Shoulder /Hand Biomechanics (Parallel sessions)</i> - <i>Dr Chhaya Verma (Principal-Professor, PT School & Centre, Topiwala National Medical College, B.Y.L Nair Hospital),</i> - <i>Dr Subhash Khatri Professor, Maharashtra Institute of Physiotherapy, Latur)</i> Symposium 8: <i>Hip/Knee/Ankle/Foot Biomechanics (Parallel sessions)</i> - <i>Dr Alaric Aroojis MS (Ortho), Hinduja Hospital</i>
3.00 -4.00	Paper presentation IV
4.00 pm	Tea/Coffee Break + Networking

Day 3: Sunday, November 9, 2025

Time	Event
8:30 am	Breakfast & Networking
9:00 am	Paper presentation V
10- 10.45 am	Keynote Session 4: <i>‘Human Movement Science Applied to Rehabilitation Engineering: from Clinical Observation to DINABANG, the Physical Therapist’s Stethoscope.’</i> - <i>Prof Franco Simini (Professor, Biomedical Engineering, Universidad de la República, URUGUAY)</i>
8:30 am	Tea/Coffee Break + Networking
11:00 – 12.30	Symposium 9: <i>Technology & Device Innovation</i> <i>‘Enhancing Human-Robot Interactions in Exoskeleton-Assisted Gait Rehabilitation.’</i> - <i>Dr Vineet Vashishta (Indian Institute of Technology, Gujarat)</i>
12.30-1.30	Closing Ceremony & Best Paper Awards
1:30 pm	Lunch + Networking
