

Start Date: 19th January 2026

Closing Date: 31st March 2026

IIIT Hyderabad Invites Applications for the Position of Faculty in Movement Sciences

The Biomedical Research Center, a newly formed research group at IIIT Hyderabad invites applications for a faculty position in Movement Sciences, specializing in sports and health applications, to begin in January 2027.

Ranked #6 in India, International Institute of Information Technology is a premier, independent public institution known for its world-class research ecosystem. With 578 research scholars and a unique interdisciplinary culture, IIIT-H bridges the gap between AI, Human Sciences, and Engineering.

Expertise

We seek an exceptional researcher with expertise in biomechanics and experimental hardware, including wearable technology, motion capture, and physiological sensing. The selected candidate will advance research in athletic performance, injury prevention, and rehabilitation while establishing an independent, externally funded program. This role offers unique opportunities to lead interdisciplinary collaborations with sports agencies and industry.

The preferred candidate will possess expertise in motion analysis and embedded systems, with hands-on experience using wearable sensors, force platforms, or EMG. They have a proven research background involving athletic, clinical or physically active populations and a track record of interdisciplinary collaboration across engineering, health sciences, and sport organizations.

Education

- PhD in Movement Sciences, Kinesiology, Biomechanics, Biomedical Engineering, or a closely related discipline
- At least two (2) years of postdoctoral research experience
- Demonstrated experience in experimental human movement research, including the use or development of hardware and sensing technologies
- Strong publication record or clear potential for high-impact scholarly output
- Commitment to excellence in teaching and mentoring students in instrumentation, electronics and AI/ML in movement sciences.

Key Responsibilities

- Establish an independent, externally funded research program in movement sciences related to sports and health
- Teach undergraduate and graduate courses in movement science, biomechanics, sport performance, and AI/ML in movement sciences
- Supervise and mentor graduate students and postdoctoral fellows
- Contributes to center and institute initiatives while engaging in professional service

Compensation & Benefits

In line with MHRD 7th CPC guidelines and other benefits with competitive research startup support, and access to motivated and talented BTech/MS and graduate research students.

Applications will be reviewed starting March 2026 until the position is filled.

Please apply at [Faculty Recruitment](#) along with the cover letter, CV, Research plan and vision for the next 3-5 years, teaching statement, and top 3 publications.

For more information, please write to Prof. Kavita Vemuri @ recruitment.coordinator@iiit.ac.in

Foreign Nationals/OCIs are also welcome to apply!

The selection process involves a preliminary virtual round with subject matter experts, and a concluding two-day campus visit for selected candidates