

DR VIVEK H. RAMANANDI (PT)

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GSCPT Registration: GPC-468 | IAP Registration: L-24200

PROFESSIONAL SUMMARY

Physiotherapy educator, researcher and rehabilitation professional with more than 16 years of combined academic and clinical experience. PhD in Physiotherapy and MPT in Neurological Conditions. Expertise includes neurorehabilitation, stroke rehabilitation, cerebral palsy and family-centred rehabilitation, digital physiotherapy, artificial intelligence in healthcare, telerehabilitation, evidence-based practice, research methodology, outcome measurement, research supervision, curriculum and assessment, and academic leadership. Academic experience includes appointments in India and Oman.

CORE COMPETENCIES

Neurological Physiotherapy | Neurorehabilitation | Stroke Rehabilitation | Cerebral Palsy | Spinal Cord Injury | Geriatric Rehabilitation | Digital Health | Digital Physiotherapy | Artificial Intelligence | Telerehabilitation | Evidence-Based Practice | Clinical Research | Research Methods | Critical Appraisal | Outcome Measurement | Scale Development and Validation | Research Supervision | Health Professions Education | Curriculum Design | Assessment Design | Academic Leadership | Clinical Reasoning

PROFESSIONAL EXPERIENCE

Associate Professor - Faculty of Physiotherapy, Marwadi University, Rajkot, India

Jun 2026 - Present

Assistant Professor - School of Rehabilitation & Medical Sciences, College of Health Sciences, University of Nizwa, Oman

Aug 2025 - Jun 2026

Associate Professor - SPB Physiotherapy College, Surat, India

Aug 2022 - Aug 2025

Assistant Professor - SPB Physiotherapy College, Surat, India

Aug 2019 - Jul 2022

Senior Lecturer & Principal - Satish Goswami College of Physiotherapy, Ahmedabad, India

Oct 2015 - Jul 2019

Lecturer - Pioneer Physiotherapy College, Vadodara, India

Feb 2013 - Sep 2015

Owner & Physiotherapist - Divine Multispecialty Physiotherapy & Fitness Clinic, Ahmedabad, India

Jun 2012 - Feb 2013

Physiotherapist - Dev Multispecialty Hospital, Rajkot, India

Jun 2010 - May 2012

EDUCATION

- **PhD, Physiotherapy** - Gujarat University, Ahmedabad, 2021
- **MPT, Neurological Conditions** - Government Physiotherapy College, Ahmedabad, Gujarat University, 2009-2010
- **Bachelor of Physiotherapy** - S.B.B. College of Physiotherapy, Ahmedabad, Gujarat University, 2007-2008

RESEARCH & SCHOLARLY PROFILE

- 50 research papers listed in the academic CV across neurorehabilitation, stroke, cerebral palsy, digital physiotherapy, occupational musculoskeletal health, caregiver research and evidence-based practice.
- 7 published books and 7 book chapters, including chapters on AI in physiotherapy, neurological conditions, digital technology and next-generation neurorehabilitation.
- Research guidance: 11 undergraduate, 11 postgraduate and 7 doctoral projects.
- Primary Investigator, funded Major Research Project (2023-2025): *Developing and Testing of a Low-Cost Continuous Force Measurement System (CFMS) for Quadriceps and Hamstrings Muscle Strength*, funded by Veer Narmad South Gujarat University.
- Post-PhD innovation work includes low-cost continuous force measurement and AccuVal force measurement system development.

SELECTED RECENT PUBLICATIONS

- 1 Embedding Inclusivity: A Case Study of Research With Parents of Children With Cerebral Palsy in Gujarat, India. *SAGE Research Methods: Inclusive Research Methodologies*. 2026.
- 2 Research Visibility in Physical Therapy: A Narrative Analysis of Academic and Clinical Contributions. *F1000Research*. Accepted, 2026.
- 3 Evidence-Based Recommendations for Physiotherapy Management of Knee Osteoarthritis in India: A 3-Round Delphi Study. *International Journal of Current Research and Review*. 2025.
- 4 Low-Cost Continuous Force Measurement Systems for Quadriceps and Hamstrings Strength Assessment: A Scoping Review and Perspective for Clinical Application in Physiotherapy. *International Journal of Current Research and Review*. 2025.
- 5 Development and Validation of Caregiver Stress Scale for Children with Disability for Indian Population. *Journal of the Scientific Society*. 2025.
- 6 Effectiveness of website-based education program on activities of daily living and fear of falls among sub-acute stroke survivors: a pilot study in South Gujarat Region of India. *Bulletin of Faculty of Physical Therapy*. 2024.
- 7 The Parental Stress Scale: Validity and Reliability of Gujarati Translated Version in Parents of Children with Cerebral Palsy. *Journal of Lifestyle Medicine*. 2023.
- 8 Socio-demographic and clinical profile of pediatric patients with cerebral palsy in Gujarat, India. *Bulletin of Faculty of Physical Therapy*. 2022.

ACADEMIC LEADERSHIP & SERVICE

- Member, Board of Studies, School of Physiotherapy, PP Savani University (since 2025).
- Member, Institutional Ethics Committee, Drs. Kiran and Pallavi Patel Global University (since 2024).
- Member, Doctoral Research Progress Committee, Drs. Kiran and Pallavi Patel Global University (since 2026).
- Subject Expert, Research Advisory Committee, School of Physiotherapy, PP Savani University (since 2022).
- Former Director, Research and Development Cell, SPB Physiotherapy College.
- Former member, Institutional Ethics Committee and Internal Quality Assessment Cell (IQAC), SPB Physiotherapy College.
- Former Convener, Campus Placement Cell, SPB Physiotherapy College.

AWARDS & RECOGNITION

- Certificate of Distinction for Stroke Educator of the Year - Voice of Healthcare, Stroke Innovations & Excellence Awards, 2023.
- First Prize, Senior Category Paper Presentation - 6th National Physiotherapy Conference, Uka Tarsadia University, 2023.
- Significant Contribution Award - World Physiotherapy Congress / 4th International Physiotherapy Conference, 2022.
- Young Scientist Award - International Scientist Awards on Engineering, Science and Medicine, 2021.
- Research Excellence Award - Institute of Scholars, 2020.

SELECTED INVITED TALKS

- Smart Digital Ecosystem in Everyday Neurorehabilitation - ICSTMHS 2026, Gandhinagar.
- Digital Ecosystem in Everyday Neurorehabilitation - Oman International Rehabilitation Conference, Muscat, 2026.
- Stroke Prevention: Empowering Community by Sharing Knowledge - University of Nizwa, 2025.
- Neurophysiotherapy: Current Evidence for Best Practice - Oman Physical Therapy Association & Ministry of Health, 2025.
- The Art and Science of Research Evaluation: Critical Appraisal in Practice - LJ University, 2025.

INTELLECTUAL PROPERTY & INNOVATION

- Published patent: An IoT and Artificial Intelligence Based Physiotherapy Apparatus for Treatment of Arthritis (2021).
- Approved copyrights include stroke education material, caregiver stress scale, telerehabilitation questionnaire and physiotherapy services questionnaire.
- Consultancy: GoSolo ergonomic mobility device for elderly users - ergonomics and human movement inputs for transfer and standing.

Public recruiter version. Personal date of birth and residential addresses are intentionally excluded. Detailed publication records are available on the companion website.