



Dr. Ashish Dhirajlal Kakkad

Professor & Principal, Faculty of Physiotherapy, Marwadi University, Rajkot, Gujarat, India

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📍 Flat no. 201, Building no. 5, Mahavir Residency, Opp. Somnath Petrol Pump, Near Madhapar Chokdi, Madhapar, Rajkot, Gujarat, India. 360006

📅 12/04/1986 🚩 Indian 🤵 Married 🧑 Male

🌐 [linkedin.com/in/ashish-kakkad-734190203](https://www.linkedin.com/in/ashish-kakkad-734190203)

📺 <https://www.youtube.com/@kakkadashish>

👤 PROFILE

Indian Association of Physiotherapists Member: L-24122
Gujarat State Council for Physiotherapy Member: 6
Rajkot Physiotherapy Association Member: 7
Recognized M. Physiotherapy Guide
Recognized Ph.D. Guide

🌐 LANGUAGES

English, Hindi, Gujarati

🧠 SKILLS

Electrodiagnosis ● ● ● ● ● Basic Skills of Computer Use ● ● ● ● ●

🚗 INTERESTS

• Outing, Watching movie

🎓 EDUCATION

04/2008	Bachelor of Physiotherapy Government Physiotherapy College, Gujarat University, Ahmedabad, Gujarat, India
05/2010	Master of Physiotherapy (Neurological Conditions) Government Physiotherapy College, Gujarat University, Ahmedabad, Gujarat, India <i>Subclinical peripheral nerve involvement in Human Immunodeficiency Virus seropositive patients - A nerve conduction study</i>
11/2020	Ph.D R. K. University, Rajkot, Gujarat, India <i>Designing and testing predictive model for post stroke recovery - An exploratory study</i>

📁 PROJECTS

2018	Mobile application development Stroke Recovery Predictor Funding agency: iCreate
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PROFESSIONAL EXPERIENCE

08/2010 – 06/2017	Shri K. K. Sheth Physiotherapy College, Rajkot, Gujarat, India Lecturer Tenure of service: 12/08/2010 to 29/06/2017 Additional duty of Incharge Principal: 01/04/2014 to 29/06/2017.
07/2017 – 06/2019	SPB Physiotherapy College, Surat, Gujarat, India Assistant Professor Tenure of service: 01/07/2017 to 30/06/2019
07/2019 – 12/2020	SPB Physiotherapy College, Surat, Gujarat, India Associate Professor Tenure of service: 01/07/2019 to 16/12/2022
12/2020 – present	Faculty of Physiotherapy, Marwadi University, Rajkot, Gujarat, India Professor Joining date: 17/12/2020 Appointment as In Charge Principal: 18/01/2022

COUNCIL MEMBER

2016 – 2021	Gujarat State Council for Physiotherapy, Ahmedabad Committee Member
2021 – 2025	Gujarat State Council for Physiotherapy, Ahmedabad Vice President
2025 – present	Physiotherapy Professional Council, National Commission for Allied & Healthcare Professions, New Delhi Committee Member

AWARDS

2015	Significant Contribution Award Indian Association of Physiotherapists
2020	Young Achievement Award Indian Association of Physiotherapists

BOOK/ CHAPTER PUBLICATIONS

2022	Book chapter Stroke - Clinical (Author) Jaypee Brothers Medical Publishers (P) Ltd.
2022	Book chapter Stroke - Physiotherapy (Author) Jaypee Brothers Medical Publishers (P) Ltd.
2022	Book chapter Physiotherapy in skin conditions (Co-author) Jaypee Brothers Medical Publishers (P) Ltd.
2013	Book Fundamentals of Electrotherapy and Biomedical Physics (Author) Jaypee Brothers Medical Publishers (P) Ltd.

RESEARCH PUBLICATIONS

- 2011 **Effect of different elbow positions on latency and amplitude of motor nerve conduction study of ulnar nerve (Author)**
Indian Journal of Physiotherapy & Occupational Therapy; Volume: 5, Issue: 3
- 2012 **Effect of Human Immunodeficiency Virus infection on nerves conduction velocity study in neurologically asymptomatic patients (Author)**
Indian Journal of Physiotherapy & Occupational Therapy; Volume: 6, Issue: 1
- 2012 **Sjogren's Syndrome – A Case Report (Author)**
Indian Journal of Physiotherapy & Occupational Therapy; Volume:6, Issue: 2
- 2013 **Arthrogryposis Multiplex Congenita – A Case Report (Author)**
Indian Journal of Physical Therapy, Volume: 1, Issue: 1
- 2013 **A study to evaluate the involvement of spinal accessory nerve individuals with chronic non-specific neck pain (Co- Author)**
Indian Journal of Physical Therapy; Volume: 1, Issue: 2
- 2014 **A study to compare the effectiveness of different dosage of therapeutic ultrasound on pain and grip strength in patients with lateral epicondylitis (Co-Author)**
Indian Journal of Physiotherapy & Occupational Therapy; Volume: 8, Issue: 4
- 2014 **A study to find our test-retest reliability and validity of Gujarati version of Neck Disability Index among Gujarati speaking Indian population with neck pain – A correlational study (Co-author)**
Indian Journal of Physical Therapy; Volume: 2, Issue: 2
- 2016 **A systematic review on efficacy of Intra Operative Neuro Monitoring (IONM) on reducing neurological complications occurring during spinal surgery (Co-author)**
Indian Journal of Physical Therapy; Volume: 4, Issue: 1
- 2016 **A study to find out relation between hamstrings flexibility and back extensor endurance in healthy female physiotherapy students - An observational study (Co-author)**
Indian Journal of Physical Therapy; Volume: 4, Issue: 1
- 2016 **A study to find out relationship of cognition and functional performance with balance in post stroke patients - An observational study (Co-Author)**
Indian Journal of Physiotherapy & Occupational Therapy; Volume: 10, Issues: 3
- 2016 **A study to find out the effect of circumferential pressure on flexor carpi radialis-reflex in post stroke patients – An observational study (Co-author)**
Indian Journal of Physiotherapy & Occupational Therapy; Volume: 10, Issues: 3
- 2016 **A study to find out the effect of exercise overflow on electromyography activity in patients with stroke – An observational study (Co-author)**
Indian Journal of Physiotherapy & Occupational Therapy; Volume: 10, Issues: 3
- 2016 **Hirayama disease– A case study (Author)**
Indian Journal of Physiotherapy & Occupational Therapy; Volume: 11, Issue: 1
- 2017 **A study to find out test-retest reliability and validity of Gujarati version of pain and disability index among Gujarati speaking Indian population with shoulder pain – A correlational study (Co-author)**
Indian Journal of Physical Therapy; Volume: 5, Issue: 2
- 2018 **Factors affecting recovery after Stroke: A narrative review (Author)**
Indian Journal of Physiotherapy & Occupational Therapy; Volume: 12, Issue: 4

- 2019 **To compare the activity of Scapular upward rotation during isometric shoulder flexion with forward and neutral head position normal healthy individuals (Co-author)**
Indian Journal of Physiotherapy & Occupational Therapy; Volume: 13, Issue: 2
- 2019 **Relationship & comparison between post-stroke motor recovery and functional recovery - An observational study (Author)**
International Journal of Current Research and Review; Volume: 11, Issue: 1
- 2019 **A study to find out strongest predictive factor for functional outcome after stroke– An exploratory study (Author)**
International Journal of Public Health Research & Development; Volume: 11, Issue: 2
- 2019 **A study to find out relationship between Q-angle, tibial torsion and leg-heel alignment amongst Osteoarthritis knee patients –A cross sectional observational study (Co-author)**
Indian Journal of Public Health Development & Research; Volume: 11, Issue: 6
- 2020 **A study to correlate foot posture index, H/M ratio and spatial gait parameters in post stroke patients with ankle plantar flexors (calf) spasticity – A cross-sectional observational study (Co-author)**
Indian Journal of Physiotherapy & Occupational Therapy; Volume: 14, Issue: 1
- 2020 **Relation between the House Brackmann Facial nerve grading global Score with electrophysiological parameters of Facial nerve Compound Motor action potential in patients with Bell's palsy (Co-author)**
Dogo Rangsang Research Journal; Volume: 10, Issue: 7
- 2020 **Granulomatosis with Polyangiitis affecting nervous system – A case report (Co-author)**
Journal of Datta Meghe Institute of Medical Sciences University; Volume: 17, Issue: 3
- 2021 **A study to compare the effect of electromyography biofeedback versus Mime therapy on clinical and electrophysiological parameters In subjects with Bell's Palsy-A comparative interventional study (Co-author)**
International Journal of Current Research and Review; Volume: 13, Issue: 19
- 2021 **Myotonic Myopathy – A case study (Co-author)**
International Journal of Current Research and Review; Volume: 13, Issue: 21
- 2021 **A study to find the change in quality of sleep, perception of physical activity and mobile phone usage during Covid-19 pandemic in university going students of India - A cross-sectional observational study (Co-author)**
International Journal of Current Research and Review; Volume: 13, Issue: 23
- 2022 **A study to find the effect of short-wave diathermy, cervical traction and mobilization on pain and range of motion in acute locking of the cervical spine - An interventional study (Co-author)**
International Journal of Current Research and Review; Volume: 14, Issue: 1
- 2022 **Validity And reliability of the Gujarati version of the Kujala score for patients with Patellofemoral pain syndrome (Co-author)**
Bulletin of Environment, Pharmacology and Life Sciences; Volume: 11, Issue: 3
- 2022 **Undiagnosed Neurodegenerative Syndrome – A Case Study (Author)**
International Journal of Current Research and Review; Volume: 14, Issue: 9
- 2022 **Exercise protocol for pelvic floor muscles dysfunction In female: Systemic review (Co-author)**
Bulletin of Environment, Pharmacology and Life Sciences; Volume: 12, Issue: 1

- 2023 **Real time biofeedback in anterior cruciate ligament rehabilitation: A narrative review (Co-author)**
Advances in BioResearch;
- 2023 **An analysis of subclinical peripheral nerve changes with nerve conduction velocity and 60-second Diabetic foot screen scale in type-II Diabetics mellitus and normal healthy subject – An observational study. (Co-Author)**
Journal of Research Administration; Volume: 5, Issue: 2
- 2023 **A study to compare the use of different walking aids in acute stroke subjects – A patient prospective (Co-author)**
Advances in BioResearch; Volume: 14, Issue: 01
- 2023 **A systematic review on efficacy of patient controlled static stretching device in reducing upper extremity dysfunction in hemiplegic stroke patients (Co-author)**
Journal of Chemical Health Risks; Volume: 14, Issue: 1
- 2023 **A study to find the effect of balance enhancing exercise program on pain and quality of life among elderly with chronic musculoskeletal pain (Co-author)**
Bulletin of Environment, Pharmacology and Life Sciences; Volume:12, Issue: 11
- 2024 **Usability of a wearable real-time biofeedback device for measuring Quadriceps lag (active knee extension range of motion) - A quantitative analysis (Co-author)**
Journal of Chemical Health Risks; Volume: 14, Issue: 1
- 2024 **Exploring the impact of balance enhancing exercise program on balance and risk of falls in elderly patients with chronic musculoskeletal pain (Co-author)**
Bulletin of Environment, Pharmacology and Life Sciences; Volume: 15, Issue: 1
- 2024 **The effect of retained primitive reflexes on academic success in middle school children - A pilot study (Co-author)**
International Journal of Current Research and Review; Volume: 16, Issue: 2
- 2024 **A correlation between Cranio Vertebral (CV) angle, cervical range of motion and deep neck flexor muscle endurance in young adults with neck pain (Co-author)**
Journal of Chemical Health Risks; Volume: 14, Issue: 2
- 2024 **Innovative approaches to hand rehabilitation: A comparative study of traditional and customized peg boards with wrist support (Co-author)**
Journal of Chemical Health Risk; Volume 14, Issue: 2
- 2024 **Designing a Physical Therapy Protocol for Middle School Children with Learning Difficulty (Co-author)**
African Journal of Biomedical Research; Volume 27, Issue 1S
- 2024 **A cross sectional study to find prevalence and risk factors for leaning difficulty in middle school children in Surat (Co-author)**
African Journal Biomedical Research: Volume 27, Issue 4s
- 2025 **An electromyographic comparative study of cervical spine musculature activity in young adults with and without neck pain (Co-author)**
International Journal of Human Movement & Sports Science; Volume 13, Issue 1
- 2025 **Effect of bicycle ergometer training in cotton labourers on lung function and quality of life – An experimental study (Co-author)**
Gradiva Web of Science (Core collection)
- 2025 **Evaluating the additive impact of release ease splint on spasticity, motor function and quality of life in subacute Stroke-induced wrist and hand dysfunction: A randomized control trial (Co-author)**
Dutta Meghe Journal of Medical Sciences; Volume 20, Issue 2

2025	Neuralease workstation: Assessing its role in spasticity and functional recovery in Stroke (Co-author) International Journal of Human Movement and Sports Sciences; Volume 13, Issue 4
2025	Immediate effect of nordic curl and dynamic stretching on straight leg raise and Y balance test - A comparative study (Co-author) Indian Journal of Physiotherapy & Occupational Therapy; Volume 6, Issue 2
2025	Exploring the relationship between smart phone addiction and respiratory health in college students: A correlational study (Co-author) International journal of Science and Research Archive; Volume 16, Issue 1
2025	Immediate effect of dynamic stretching and active release technique on sit and reach in a patient with calf and hamstrings tightness - An comparative international study (Co-author) Indian Journal Of Natural Sciences; Volume 16, Issue 89
2025	Assessing the awareness of different methods of measuring quadriceps lag among physiotherapists in India (Co-author) Health Problems of Civilization
2025	Effectiveness of real time biofeedback in reducing quadriceps lag and improving active knee extension range of motion after ACL reconstruction surgery (Co-author) Physiotherapy Quarterly; Volume 33, Issue 4
2025	Translation and Validation of the System Usability Scale in the Gujarati Language for Evaluating Wearable Real-Time Biofeedback Devices Measuring Quadriceps Lag (Co-author) Indian Journal of Natural Sciences; Volume 16, Issue 94
2025	Effectiveness of physiotherapy in lumbar canal stenosis with scoliosis: Case study (Co-author) Fisioterapia; Volume 47, Issue 6
2026	A cross sectional study among female adults aged 25 to 60 for the awareness of pelvic floor muscles, biofeedback and Physiotherapy exercises (Co-author) Journal of Applied Bioanalysis; Volume 11, Issue 7
2026	Comparative evaluation of user satisfaction in stroke rehabilitation: Wearable vs traditional electromyography biofeedback for wrist and hand dysfunction (Co-author) Journal of Hand Therapy
2026	Concept and Development of a Real-Time Biofeedback Device for Measuring Quadriceps Lag (Co-author) International Journal of Multidisciplinary Scope; Volume 6, Issue 3

PLATFORM / POSTER PRESENTATION AT CONFERENCES

2010 48th IAP National conference, Mangalore	Platform presentation Effect of elbow position on latency and amplitude of ulnar nerve motor nerve conduction study
2011 2nd Gujstate Conphyscs, Ahmedabad	Platform presentation Subclinical peripheral nerve involvement in HIV seropositive study – NCV study (Secured 1st rank)
2018 Physiosummit-19, Vadodara	Platform presentation A study to find out association of different predictive factors with recovery after stroke– An exploratory study (Secured 1st rank)

2019 Physiofest-19, Rajkot	Platform presentation Association of different predictive factors with post stroke functional outcome – an exploratory study (Secured 1st rank)
2023 61st IAP national conference, Dehradun	Poster presentation A study to compare the pulmonary function tests in college students from different countries: a cross sectional observational study



INVITED SPEAKER/ RESOURCE PERSON

2016 Uka Tarsadia University, Bardoli.	Expert talk at national level conference Comprehensive neurorehabilitation of stroke
2017 11th Gujarat Conphyics, Ahmedabad	Expert talk at state level conference Know Your Council
2018 Shree Sahjanand Institute of Physiotherapy, Bhavnagar	Seminar for college students Pain management
2018 Physiotronics, D. Y. Patil University, Pune.	Expert talk at national level conference Electrotherapy as diagnostic tool
2019 13th Gujarat Conphyics, Vadodara.	Expert talk at state level conference Electrodiagnosis–Reading a report
2020 Noontan Physiotherapy College, Sakalchand University, Visnagar	Workshop for college students Electrodiagnosis
2020 Parul University, Vadodara	Seminar for university students Selection Electrotherapy Modality for Pain Modulation, Application Laws Clinical Practice
2020 BITS Physiotherapy College, Vadodara	Webinar for college students Pain modulation selection of electrotherapy modalities for pain relief
2020 School of Physiotherapy, RK University, Rajkot	Webinar for college students Electrodiagnosis–A reading report
2020 Gujarat Government Physiotherapy Association	Webinar for working professionals Electrotherapy – An evidence based practice
2020 Mahatma Gandhi Physiotherapy College, Ahmedabad.	Webinar for college students Assessment of stroke patients

2021 Government Physiotherapy College, Ahmedabad	Seminar for college students Electrodiagnosis - Reading a report
2021 Rajkot Physiotherapy Association, Rajkot	Seminar for working professionals Electrodiagnosis - Reading a report
2021 Vidhyadeep Institute of Physiotherapy, Surat.	Webinar for college students Introduction to research
2021 Harivandana Physiotherapy College, Rajkot.	Webinar for college students Selection of electrotherapy for pain relief
2022 Ahmedabad Physiotherapy College, Ahmedabad	Seminar for college students Electrodiagnosis - Reading a report
2022 C. M. Patel Physiotherapy College, Gandhinagar	Workshop for college students Electrodiagnosis
2022 IAP Pre-conference, Rajkot	Preconference seminar for national level conference Comprehensive rehabilitation of stroke – A step towards independence
2023 LJ University, Ahmedabad	Panel discussion at state level conference Wearable technology for neurological rehabilitation
2024 Physiofest, RK University, Rajkot	Expert talk at national level conference Electrodiagnosis: Reading a report
2025 Neurological Surgeons Society of India Conference, Rajkot.	Expert talk at international level conference Prognosis after Stroke
2025 Jamnagar Physiotherapy Association	Seminar for working professionals Risk stratification & selection of patients for knee replacement: A combined approach
2025 Physiofest, RK University, Rajkot	Expert talk at national level conference Prognosis after Stroke
2025 Rajkot Physiotherapy Association	Seminar for working professionals Physiotherapy for Parkinson's Disease

Electrocon 25, Maharashtra Institute of Physiotherapy, Latur, Maharashtra	Expert talk at international level conference Evidence-Based Selection of Electrotherapy Modalities in Clinical Practice
Pearlcon 2025, KLE institute of Physiotherapy, Belgavi, Karnataka	Expert talk at international level conference Electrodiagnosis: Reading a report
2025 Online by Physiozine	Webinar A comprehensive rehabilitation of stroke: A step towards independence
2026 Online by IAP-Kheda	Webinar Research Design
2026 Muscat, Oman	Expert talk at international level conference Interpreting Electro Diagnosis Reports: Rehabilitation Point of View Oman International Rehabilitation Conference
2026 JG Physiocon 2026, Ahmedabad	Expert talk at national level conference Financial literacy among Physiotherapists



CONFERENCES/ SEMINARS/ WORKSHOPS ATTENDED

Conferences attended

- 2nd Gujstate Conphyys at Surat. (2009)
- 3rd Gujstate Conphyys at Rajkot. (2010)
- 48th IAP National Conference at Mangalore. (2010)
- 49th IAP National Conference at Pune. (2011)
- 4th Gujstate Conphyys at Ahmedabad. (2011)
- 7th Gujstate Conphyys at Ahmedabad. (2014)
- 9th Gujstate Conphyys at Vadodara. (2016)
- 11th Gujstate Conphyys at Ahmedabad. (2018)
- Physiosummit-17 at Parul University, Vadodara. (2017)
- Physiotronix at D. Y. Patil University, Pimpri, Pune. (2018)
- National conference on Pain at Vidhyadeep Physiotherapy College, Kim, Surat. (2018)
- Physiosummit-18 at Parul University, Vadodara. (2018)
- Phsiosummit-19 at Parul University, Vadodara. (2019)
- Physiofest-19 at R. K. University, Rajkot. (2019)
- 58th IAP National Conference at Chennai. (2020)
- Physiofest at RK University at Rajkot (2023)
- 6th National Conference at Bardoli (2023)
- 61st IAP National Conference at Dehradun (2024)

Seminars attended

- Ergonomics
- An introduction and update on evidence based physiotherapy and clinical practice guidelines
- Sports physiotherapy: On field intervention
- Hemiplegia assessment and management
- Biomechanics and applied biomechanics in sports medicine
- International classification of impairment, disability and health
- Basic principles of assessment on cardiopulmonary rehabilitation
- Basics of electro diagnosis
- Basic modes of ventilators
- Pain management
- NAAC awareness
- Gait analysis in cerebral palsy
- MOOC - Swayam etc

Workshops attended

- Mulligan mobilisation technique
- EMG-NCV
- Tapping techniques
- NDT and its applications in cerebral palsy and other developmental disorders in child
- Neurodevelopmental follow-up
- Basic concepts of manual therapy (muscle energy technique and myofascial release)
- Dry needling

OTHER ACHIEVEMENTS

- Class-representative during my under-graduation and student-representative during my final year and organized many events as main committee member like cultural programmes, blood donation camps, workshops and seminars.
- First prize in a cultural programme in Gujarat state level conference with my group.
- Member of Central Admission Committee for Master of Physiotherapy Admission Committee by Saurashtra University for 3 years.
- Member of interview panel by Saurashtra University
- Member of Local Inspection Committee by Saurashtra University, Veer Narmad South Gujarat University
- Member of ethical committee by Shri C. U. Shah Physiotherapy College, Surendranagar.
- Board of study member at Shri Govind Guru University, Kiran Patel Global University, Ganpat University
- Member of Board of Academics of Gujarat State Council for Physiotherapy.
- External examiner at Saurashtra University, R.K. University, Gujarat University, Bhavnagar University, Veer Narmad South Gujarat University, Sumandeep University, Charottar University, Pravara University of Health Science.

REFERENCES

Dr. Yagna Shukla, Chairman, National Commission of Allied Healthcare Professions
yagnashukla@yahoo.com, +91 9824098874

Dr. Anjali Bhise, Former Principal, Government Physiotherapy College, Ahmedabad
anjalibhise@rediffmail.com, +91 9427066624

Dr. Nishant Tejwani, Lecturer, Government Physiotherapy College, Surat
tejwaniphysio@gmail.com, +91 9427475131

Dr. Anjan Desai, Principal, SPB Physiotherapy College, Surat
anjandesai@gmail.com, +91 9428906995

DECLARATION

It is certified that all the above information is true.



Ashish Dhirajlal Kakkad
Rajkot