



CONTACT INFORMATION

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Sciences, Alfara, KingKhalid
University, Abha, Kingdom of
Saudi Arabia.

PHONE

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LANGUAGES Known

Telugu

Advanced

English

Advanced

Hindi

Advanced

Arabic

Moderate

Kannada

Advanced

Malayalam

Can talk and understand

Tulu

Can talk and understand

Dr. Jaya Shanker Tedla PT, Ph.D.

Associate Professor and Program Coordinator with 20 years of Teaching and Clinical Experience in the field of Physical Therapy.

EXPERIENCE.

Currently from past 12 years working as Associate and Assistant Professor at King Khalid University Abha, Kingdom of Saudi Arabia (Since August – 2012)

Previously worked as Associate Professor, Assistant Professor and as 3lecturer at Manipal University, India from September 2004 to August 2012

Working as Program Coordinator for the program of Physical Therapy from past 10 years in the Department of Medical Rehabilitation Sciences, College of Applied Medical Sciences, KCU, KSA.

Currently heading the Academic and Examinations timetables committee in the department and working as a member in the Curriculum, Quality and Development, and Research and Higher education committees in the Department. Was a part of Student Affairs and Internship committee before. Experienced in using Blackboard for more than 24 semesters as a learning module system.

Served the needed clients in the University Clinic as a Physical Therapy Consultant in Pediatric and Neurological Rehabilitation Accredited by Saudi Commission of Health Specialties with registration number 17-A-A0050895. Gained internal and external research grants worth more than 100000 \$.

Published more than 115 international peer reviewed research publications and most of them are in ISI. Guided more than 50 Master and PhD students.

SKILLS AND ADDITIONAL QUALIFICATIONS

- Certified Neuro Developmental Therapist – Pediatrics, NDTA, USA
- Certified Neuro Developmental Therapist – Adult, Switzerland
- Certified Sensory Integration Therapist – University of Southern California, USA
- Certified in NDT Advanced Handling and Problem Solving – NDTA, USA
- Certified Kinesio Taping Practitioner – KTAI, USA
- Certified PNF Therapist - IPNFA, USA
- Certified Osteopath from OMT, UK
- Certificate course in biostatistics, epidemiology and research methodology - Manipal, India
- Certified Basic Life Supporter - AHA, USA
- Certified Yoga Therapist – India
- Diploma in Acupuncture - India

EDUCATION

Bachelor of Physical Therapy Manipal

University, Kasturba Medical College, Mangalore, India, 2002

Graduated with distinction marks.

Master of Physical Therapy, Manipal

University MCOAHS, Manipal, India, 2004

Thesis entitled “Comparison of energy expenditure in community ambulating spastic diplegia children with and without walker: A cross sectional study.”

Ph.D. In Physical Therapy

Manipal University

Kasturba Medical College, Mangalore, India
2011

Thesis entitled “Effect of strength training on balance in children with spastic diplegia cerebral palsy; A randomized controlled trial.”

New York City College tDCS Fellowship Medical Society of the State of the New York

New York, USA
2014

Conducted trials on Trans Cranial Direct Current Stimulation.

Post-Doctoral Fellowship from the

Centro Universitario Augusto Motta (UNISUAM), Rio De Janeiro, Brazil
2020

Transcranial direct current stimulation combined with trunk-targeted, proprioceptive neuromuscular facilitation in subacute stroke: A randomized controlled trial.

Approved PHD Guide

Editor and Associate editor for

Patents Published

Patents submitted for appraisal

Reviewer for these journals and reviewed more than 25 articles.

1. Manipal University, Manipal, Karnataka, India.
 2. RK University, Rajkot, Gujarat, India.
 3. NITTE University, Mangalore, Karnataka, India.
 4. Savitha University, Chennai, Tamil Nādu, India.
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1. Journal of Disability Research
 2. Journal of Physical Therapy
 3. International Journal for Rehabilitation Sciences and Research
 4. Indian Journal of Physical Therapy and Research
-
1. A method for determining normative values for functional, lateral, and oblique direction reach tests in children.
Date: 28/06/2023.
Design Number: 2023/03289
South African Patent
 2. IOT based machine for identification of cardiovascular diseases.
Date: 05/07/2023
Design Number.: 389639-001
Indian Patent
 3. Wedge swing device for rehabilitation
Date: 08-01-2024
Design Number.:6335155
United Kingdom Patent
-
1. Functional multiple muscle elongation and Activation in pediatric physical therapy
 2. Journal of Clinical Medicine
 3. Healthcare
 4. Children
 5. Journal of Personalized Medicine
 6. American Journal of Physical Medicine & Rehabilitation
 7. Biomedicines
 8. International Journal of Environmental Research and Public Health
 9. Medicina
 10. Plos One
 11. Sensors
 12. Surgeries

Grants Obtained

1. Reference values for functional and lateral reach test among young adults: Deanship of Scientific Research, King Khalid University, Abha, Kingdom of Saudi Arabia [G.R.P – 67 – 39]. [Completed and closed]
2. Effect of patient specific three-dimensional spinal mobilization and traction on pain, range of motion, functional disability and quality of life in patients with lumbar inter vertebral disc prolapse: Deanship of Scientific Research, King Khalid University, Abha, Kingdom of Saudi Arabia [G.R.P – 135 – 39]. [Completed and closed]
3. Effect of low-level laser therapy on hyperglycemia and insulin levels in individuals with prediabetes and diabetes. A randomized controlled trial. Deanship of Scientific Research, King Khalid University, Abha, Kingdom of Saudi Arabia [R.G.P.1/133/40]. [Completed and closed]
4. Effect of hydro galvanic bath on pain, strength, function and pressure pain threshold in subjects with chronic pain syndromes. [G.R.P – 3 – 40]. [Completed and closed]
5. Transcranial direct current stimulation combined with trunk-targeted, proprioceptive neuromuscular facilitation in subacute stroke: A randomized controlled trial [R.G.P.1/98/42] [Completed and closed]
6. Cross cultural adaptation of physical activity questionnaires into Arabic language and testing their psychometric properties [R.G.P.1/52/42] [Completed and closed]
7. Ankle and foot posture index [G.R.P/59/42] [Completed and closed]
8. Knee osteoarthritis effect on proprioception and its management [G.R.P/75/42] [Completed and closed]
9. Cervical proprioception and its management in neck pain population [R.G.P.2/40/42] [Completed and closed]
10. Vestibular disorders and Rehabilitation [R.G.P.2/64/42] [Completed and closed]
11. Quality of life among children with disabilities in the Aseer region of the Kingdom of Saudi Arabia. [KSRG-2022-005] [External Grant]
12. Cerebral Palsy Children quality of life in Saudi Arabia [R.G.P.1/130/43] [Completed and closed]
13. Pheeze devices and testing of its psychometric properties. [R.G.P.2/328/44] [On going]

Papers published.

1.	Oblique, forward, and lateral directions reach test distances in young adults, and concurrent validity of these tests with the center of pressure excursion in assessing the ... JS Tedla, DR Sangadala, RS Reddy, K Gular, VN Kakaraparthi, S Dixit, ... Heliyon 10 (2)	2024
2.	Caregiver's Quality of Life Among Children with Cerebral Palsy in the Kingdom of Saudi Arabia, and Various Influencing Factors: A Single Cohort Study JS Tedla, F Asiri, RS Reddy, K Gular, VN Kakaraparthi, DR Sangadala, ... Journal of Multidisciplinary Healthcare, 3705-3714	2023
3.	Shoulder Pain and Disability Scores and the Factors Influencing Them among Orthopedic Surgeons Working in the Kingdom of Saudi Arabia: A Cross-Sectional Study FA Asiri, AA Alqhtani, AH Assiri, MH Alqahtani, DS Motlag, JS Tedla, ... Journal of Personalized Medicine 14 (1), 55	2023
4.	Oblique direction reach test: evaluating psychometric properties in stroke population R Mascarenhas, A Nayak, AM Joshua, SK Krishnan, VLR Iyer, JS Tedla, ... PeerJ 11, e16562	2023
5.	Exploring the Nexus of lower extremity proprioception and postural stability in older adults with osteoporosis: a cross-sectional investigation I Ahmad, RS Reddy, RS Alqhtani, JS Tedla, S Al Adal Frontiers in Public Health 11, 1287223	2023
6.	Comparison of Impairments, Activity Limitations, Balance, and Quality of Life between Patients with and without Meniscus Repair or Partial Meniscectomy Post-ACL Reconstruction FA Asiri, AH Assiri, AA Alqhtani, MH Alqahtani, DS Motlag, JS Tedla, ... Journal of Clinical Medicine 12 (21), 6933	2023
7.	Validity and reliability of Squegg device in measuring isometric handgrip strength KC Bairapareddy, A Khaleel, S Akbar, H Maherban, F Mehdiyeva, F Rasti, ... European Review for Medical and Pharmacological Sciences 27 (21), 10247-10254	2023
8.	Investigating the mediating role of pain in the relationship between ankle joint position sense and balance assessed using computerized posturography in individuals with ... FF Alfaya, RS Reddy, MS Alshahrani, JS Tedla, S Dixit, K Gular, ... Applied Sciences 13 (14), 8169	2023
9.	Quality of life among caregivers of children with disabilities in the kingdom of Saudi Arabia: A systematic review F Asiri, JS Tedla, DR Sangadala, RS Reddy, MS Alshahrani, K Gular, ... Journal of Disability Research 2 (2), 8-17	2023
10.	High-definition trans cranial direct current stimulation and its effects on cognitive function: a systematic review JS Tedla, DR Sangadala, RS Reddy, K Gular, S Dixit Cerebral Cortex 33 (10), 6077-6089	2023

11.	Investigating Knee Joint Proprioception and Its Impact on Limits of Stability Using Dynamic Posturography in Individuals with Bilateral Knee Osteoarthritis—A Cross-Sectional ... A Raizah, RS Reddy, MS Alshahrani, JS Tedla, S Dixit, K Gular, ... Journal of Clinical Medicine 12 (8), 2764	2023
12.	Effect of Trunk Targeted Interventions on Functional Outcomes in Children with Cerebral Palsy-A Systematic Review AJ Talgeri, A Nayak, SD Karnad, P Jain, JS Tedla, RS Reddy, ... Developmental Neurorehabilitation 26 (3), 193-205	2023
13.	The mediation effect of pain on the relationship between Kinesiophobia and lumbar joint position sense in chronic low Back pain individuals: a cross-sectional study MA ALMohiza, RS Reddy, F Asiri, A Alshahrani, JS Tedla, S Dixit, K Gular, ... International Journal of Environmental Research and Public Health 20 (6), 5193	2023
14.	Association between Handgrip Strength, Skinfold Thickness, and Trunk Strength among University Students S Dixit, K Gular, AP Gautam, RS Reddy, I Ahmad, JS Tedla, V Taneja Diagnostics 13 (5), 904	2023
15.	Management of Bilateral Quadriceps Tendon Ruptures Post Total Knee Arthroplasty by Kesler Technique Using Fiber Tape WA AlShaaafi, MH Alqahtani, AH Assiri, AA Alqhtani, JS Tedla, DS Motlag Healthcare 11 (5), 631	2023
16.	Transcranial direct current stimulation (tDCS) effects on upper limb motor function in stroke: an overview review of the systematic reviews JS Tedla, DR Sangadala, RS Reddy, K Gular, VN Kakaraparthi, F Asiri Brain Injury 37 (2), 122-133	2023
17.	Clinical Application of Rapid Upper Limb Assessment and Nordic Musculoskeletal Questionnaire in Work-Related Musculoskeletal Disorders: A Bibliometric Study VN Kakaraparthi, K Vishwanathan, B Gadhavi, RS Reddy, JS Tedla, ... International Journal of Environmental Research and Public Health 20 (3), 1932	2023
18.	Mediation Effect of Pain on the Relationship between Kinesiophobia and Postural Control: Comparison and Correlations in Individuals with Fibromyalgia Syndrome and Asymptomatic ... F Asiri, RS Reddy, MS Alshahrani, JS Tedla, S Dixit, A Alshahrani, K Gular, ... Life 13 (1), 175	2023
19.	Handgrip strength and its correlation with anthropometric determinants and hand dimensions in children aged 6-12 years: A cross-sectional study L Kakaraparthi, B Gadhavi, VN Kakaraparthi, RS Reddy, JS Tedla, ... Work 74 (2), 711-721	2023
20.	Exercise modulates the immune system in cardiorespiratory disease patients: implications for clinical practice during the COVID-19 pandemic S Dixit, A Borghi-Silva, K Gular, RS Reddy, VN Kakaraparthi, IL Ribeiro, ... Heart & Lung 57, 161-172	2023
21.	Comparative Effects of Mulligan's Mobilization, Spinal Manipulation, and Conventional Massage Therapy in Cervicogenic Headache—A Prospective, Randomized, Controlled Trial	2022

	G Nambi, M Alghadier, EE Ebrahim, A Vellaiyan, JS Tedla, RS Reddy, ... Healthcare 11 (1), 107	
22.	VALIDITY AND RELIABILITY OF THE TURKISH VERSION OF THE QUESTIONNAIRE FOR PHYSICAL THERAPY STUDENTS' ATTITUDES TOWARD THEIR PROFESSION AND EDUCATION (Q-PTSAPÉ) ET HORATA, S KALKAN, G TAŞKIN, JS TEDLA Turk J Physiother Rehabil	2022
23.	The Mediating Effect of Age, Gender, and Post-Stroke Duration on the Association between Trunk and Upper Limb Recovery in Subacute Stroke Population: A Cross-Sectional Study ... K Gular, V Sivasubramanian, RS Reddy, JS Tedla, S Dixit International Journal of Environmental Research and Public Health 19 (23), 15644	2022
24.	Cervical joint position sense and its correlations with postural stability in subjects with fibromyalgia syndrome RS Reddy, JS Tedla, S Dixit, A Raizah, ML Al-Otaibi, K Gular, I Ahmad, ... Life 12 (11), 1817	2022
25.	Comparison of Neck Circumference, Waist Circumference, and Skinfold Thickness in Measuring the Subcutaneous Fat Distribution and Their Association with Handgrip Strength: Cross ... F Asiri, S Dixit, SF Alsubaie, K Gular, A Alshahrani, RS Reddy, AP Gautam, ... International Journal of Environmental Research and Public Health 19 (21), 14283	2022
26.	Impact of Constraint-Induced Movement Therapy (CIMT) on Functional Ambulation in Stroke Patients—A Systematic Review and Meta-Analysis RS Reddy, K Gular, S Dixit, PK Kandakurti, JS Tedla, AP Gautam, ... International Journal of Environmental Research and Public Health 19 (19), 12809	2022
27.	Comparison of Cervical Joint Position Sense in Computer Users with Neck Pain, Forward Head Posture, Asymptomatic and Non-Computer Users—A Cross-Sectional Study RS Reddy, MS Alshahrani, JS Tedla, S Dixit, F Asiri, ML Al-Otaibi, ... Physikalische Medizin, Rehabilitationsmedizin, Kurortmedizin 33	2022
28.	Correlation and comparison of quadriceps endurance and knee joint position sense in individuals with and without unilateral knee osteoarthritis M Saeed Alshahrani, RS Reddy, F Asiri, JS Tedla, A Alshahrani, ... BMC Musculoskeletal Disorders 23 (1), 444	2022
29.	Cervical Joint Position Sense in Individuals with Type 2 Diabetes and Its Correlations with Glycated Hemoglobin Levels: A Cross-Sectional Study RS Reddy, MS Alshahrani, JS Tedla, F Asiri, G Nambi, VN Kakaraparathi Journal of Manipulative and Physiological Therapeutics 45 (4), 273-281	2022
30.	Development and cross-cultural adaptation of the vestibular disorders activities of daily living scale in the kannada language and testing its psychometric properties VK Rao, JS Tedla, DR Sangadala, RS Reddy, VN Kakaraparathi, K Gular Nigerian Journal of Clinical Practice 25 (5), 605-611	2022
31.	Management of Neglected Patellar Tendon Rupture via the Ilizarov Apparatus and Patellar Transport Following Multistage Reconstruction using Contralateral Patella Tendon Bone ...	2022

	AA Alshahrani, JS Tedla, AA Alshehri, ZY Abbas Indian Journal of Orthopaedics 56 (5), 933-937	
32.	Transcranial direct current stimulation combined with trunk-targeted, proprioceptive neuromuscular facilitation in subacute stroke: a randomized controlled trial JS Tedla, E Rodrigues, AS Ferreira, J Vicente, RS Reddy, K Gular, ... PeerJ 10, e13329	2022
33.	Comparison and correlation of cervical proprioception and muscle endurance in general joint hypermobility participants with and without non-specific neck pain—A cross ... RS Reddy, JS Tedla, MS Alshahrani, F Asiri, VN Kakaraparthi PeerJ 10, e13097	2022
34.	Effectiveness of constraint-induced movement therapy (CIMT) on balance and functional mobility in the stroke population: a systematic review and meta-analysis JS Tedla, K Gular, RS Reddy, A de Sá Ferreira, EC Rodrigues, ... Healthcare 10 (3), 495	2022
35.	Lower extremity muscle strength reference values for young Saudi male adults aged 21 to 23 years and their correlation with anthropometric parameters and balance JS Tedla, DR Sangadala, RS Reddy, K Gular, VN Kakaraparthi, ... FACETS 7 (1), 98-109	2022
36.	Reliability of hip joint position sense tests using a clinically applicable measurement tool in elderly participants with unilateral hip osteoarthritis RS Reddy, JS Tedla, MS Alshahrani, F Asiri, VN Kakaraparthi, PS Samuel, ... Scientific reports 12 (1), 376	2022
37.	Association between kinesiphobia and knee pain intensity, joint position sense, and functional performance in individuals with bilateral knee osteoarthritis MS Alshahrani, RS Reddy, JS Tedla, F Asiri, A Alshahrani Healthcare 10 (1), 120	2022
38.	Cross-Cultural Adaptation of the Godin-Shephard Leisure-Time Physical Activity Questionnaire for Arabic Population and Testing its Psychometric Properties F Asiri, JS Tedla, RS Reddy, MS Alshahrani, A Alshahrani, DR Sangadala, ... Medical Science Monitor: International Medical Journal of Experimental and ...	2022
39.	Application of the rapid upper limb assessment tool to assess the level of ergonomic risk among health care professionals: A systematic review VN Kakaraparthi, K Vishwanathan, B Gadhavi, RS Reddy, JS Tedla, ... Work 71 (3), 551-564	2022
40.	Anxiety, depression, worry, and stress-related perceptions among antenatal women during the COVID-19 pandemic: Single group repeated measures design VN Kakaraparthi, MS Alshahrani, RS Reddy, PS Samuel, JS Tedla, S Dixit, ... Indian Journal of Psychiatry 64 (1), 64	2022
41.	Influence of Smartphone Overuse on Grip Strength, Pinch Strength, and Cross-Sectional Area of Flexor Pollicis Longus Tendon and Median Nerve PS Samuel, KA Alahmari, M Adam, RS Reddy, I Ahmad, VN Kakaraparthi, ... Physikalische Medizin, Rehabilitationsmedizin, Kurortmedizin 31 (06), 360-366	2021
42.	The Aftermath of the COVID-19 Crisis in Saudi Arabia: Respiratory Rehabilitation Recommendations by Physical Therapists	2021

	RS Reddy, AP Gautam, JS Tedla, AS Ferreira, LFF Reis, ... Healthcare 9 (11), 1560	
43.	Comparison and association of neck extensor muscles' endurance and postural function in subjects with and without chronic neck pain—a cross-sectional study PK Kandakurti, RS Reddy, VN Kakarparthy, K Rengaramanujam, ... Physikalische Medizin, Rehabilitationsmedizin, Kurortmedizin 31 (05), 295-301	2021
44.	Psychometric properties of trunk impairment scale in children with spastic diplegia V Dasoju, RK Kovala, JS Tedla, DR Sangadala, RS Reddy Scientific Reports 11 (1), 18529	2021
45.	Effectiveness of kinaesthetic exercise program on position sense, pain, and disability in chronic neck pain patients with cervical spondylosis—A randomized comparative trial RSY Reddy, AG Maiya, SK Rao, KA Alahmari, JS Tedla, PK Kandakurti, ... Physikalische Medizin, Rehabilitationsmedizin, Kurortmedizin 31 (04), 242-250	2021
46.	Effect of disability-specific education on student attitudes toward people with disabilities KA Alahmari, K Rengaramanujam, RS Reddy, P Silvian Samuel, I Ahmad, ... Health Education & Behavior 48 (4), 532-539	2021
47.	Kinesiophobia and its correlations with pain, proprioception, and functional performance among individuals with chronic neck pain F Asiri, RS Reddy, JS Tedla, MA ALMohiza, MS Alshahrani, ... PloS one 16 (7), e0254262	2021
48.	Evaluation of psychometric properties of the segmental assessment of trunk control (SATCo) in children with spastic quadriplegic cerebral palsy JS Tedla, RS Reddy Nigerian Journal of Clinical Practice 24 (7), 1077-1081	2021
49.	Combined effects of strengthening and proprioceptive training on stability, balance, and proprioception among subjects with chronic ankle instability in different age groups ... KA Alahmari, VN Kakarparathi, RS Reddy, P Silvian, JS Tedla, ... Indian journal of orthopaedics 55, 199-208	2021
50.	Comparison of neck extensor muscle endurance and cervical proprioception between asymptomatic individuals and patients with chronic neck pain RS Reddy, N Meziat-Filho, AS Ferreira, JS Tedla, PK Kandakurti, ... Journal of Bodywork and Movement Therapies 26, 180-186	2021
51.	Normative reference values for the timed up-and-go test in Indian children aged four to 11 years old and their correlation with demographic characteristics: A cross-sectional study A Panchal, JS Tedla, D Ghatamaneni, RS Reddy, DR Sangadala, ... Nigerian Journal of Clinical Practice 24 (4), 569-575	2021
52.	Normative reference values for functional, lateral, and oblique direction reach tests in Saudi children aged six to 15 years old and psychometric properties of the oblique ... JS Tedla, DR Sangadala, K Gular, RS Reddy, MS Alshahrani, I Ahmad, ... Nigerian Journal of Clinical Practice 24 (4), 576-583	2021
53.	Foot posture index reference values among young adults in Saudi Arabia and their association with anthropometric determinants, balance, functional mobility, and hypermobility KA Alahmari, VN Kakarparathi, RS Reddy, PS Samuel, JS Tedla, ...	2021

	BioMed research international 2021, 1-10	
54.	Efficacy of single versus multiple exposure by electromagnetic modalities on gram-negative and positive bacterial strains in an in-vitro model S Dixit, I Ahmad, K Gular, RA Eid, RS Reddy, IL Ribeiro, M Abohashrh, ... Saudi Journal of Biological Sciences 28 (3), 1678-1686	2021
55.	Functional independence measure (WeeFIM) reference values in Indian children aged 3-7 years: A cross-sectional study. KP Chokshi, JS Tedla, A Narayan, S Ganesan, RS Reddy National Medical Journal of India 34 (2)	2021
56.	Research Article Foot Posture Index Reference Values among Young Adults in Saudi Arabia and Their Association with Anthropometric Determinants, Balance, Functional Mobility ... KA Alahmari, VN Kakaraparthi, RS Reddy, PS Samuel, JS Tedla, ...	2021
57.	Author Correction: Psychometric properties of trunk impairment scale in children with spastic diplegia V Dasoju, RK Kovala, JS Tedla, DR Sangadala, RS Reddy Scientific Reports 11	2021
58.	Hypermobility among children with autism spectrum disorders and its correlation with anthropometric characteristics JS Tedla, F Asiri, MS Alshahrani, K Gular JPMA 71 (1076)	2021
59.	Efficacy of single versus multiple exposure by electromagnetic modalities on gram-negative and positive bacterial strains in an in-vitro model I Leão-Ribeiro, S Dixit, I Ahmad, K Gular, R Eid, RS Reddy, M Abohashrh, ...	2021
60.	The prevalence, characteristics, and impact of work-related musculoskeletal disorders among physical therapists in the Kingdom of Saudi Arabia—a cross-sectional study VN Kakaraparthi, K Vishwanathan, B Gadhavi, RS Reddy, PS Samuel, ... Medycyna Pracy 72 (4), 363-373	2021
61.	Development of arabic version of vestibular disorders activities of daily living scale: Cross-cultural adaptation and assessment of psychometric properties S Alshehri, JS Tedla, RS Reddy, PS Samuel, K Rengaramanujam, ... Medical Science Monitor: International Medical Journal of Experimental and ...	2021
62.	Intra-rater and inter-rater reliability of neutral and target lumbar positioning tests in subjects with and without non-specific lower back pain RS Reddy, KA Alahmari, PS Samuel, JS Tedla, VN Kakaraparthi, ... Journal of Back and Musculoskeletal Rehabilitation 34 (2), 289-299	2021
63.	Effects of Photobiomodulation Therapy on Glycemic and Lipid Profiles In Vitro AR Hakami, S Alasmari, M Makkawi, AA Mansour, I Ahmad, ... Medical Lasers; Engineering, Basic Research, and Clinical Application 9 (2 ...	2020
64.	Correction: Effectiveness of Kinaesthetic Exercise program on Position Sense, Pain, and Disability in Chronic Neck Pain Patients with Cervical Spondylosis—A Randomized ... RSY Reddy, AG Maiya, SK Rao, KA Alahmari, JS Tedla, PK Kandakurti, ... Physikalische Medizin, Rehabilitationsmedizin, Kurortmedizin	2020

65.	Effectiveness of Hydro-Galvanic Bath Therapy on Global Health Status, Quality of Life, Depression, and Pain in Individuals with Fibromyalgia—A Quasi-Experimental Study MS Alshahrani, RSY Reddy, JS Tedla Physikalische Medizin, Rehabilitationsmedizin, Kurortmedizin 30 (06), 370-376	2020
66.	The effect of Kinesio taping on cervical proprioception in athletes with mechanical neck pain—a placebo-controlled trial KA Alahmari, RS Reddy, JS Tedla, PS Samuel, VN Kakaraparthi, ... BMC musculoskeletal disorders 21 (1), 1-9	2020
67.	Impact of smartphone usage on efficacy of physiotherapy exercises and intervention measures for mechanical neck pain: a quasi-experimental study KA Alahmari, SP Silvian, I Ahmad, RS Reddy, JS Tedla, VN Kakaraparthi, ... South African Journal for Research in Sport, Physical Education and ...	2020
68.	Effectiveness of Hydrogalvanic Bath on Improving Pain, Disability, and Quality of Life in Individuals with Chronic Nonspecific Neck Pain: A Randomized Controlled Trial MS Alshahrani, JS Tedla, RS Reddy, F Asiri Evidence-Based Complementary and Alternative Medicine 2020	2020
69.	The immediate and short-term effects of dynamic taping on pain, endurance, disability, mobility and kinesiophobia in individuals with chronic non-specific low back pain: A ... KA Alahmari, K Rengaramanujam, RS Reddy, PS Samuel, JS Tedla, ... PloS one 15 (9), e0239505	2020
70.	Cardiorespiratory fitness as a correlate of cardiovascular, anthropometric, and physical risk factors: using the ruffier test as a template KA Alahmari, K Rengaramanujam, RS Reddy, PS Samuel, ... Canadian Respiratory Journal 2020	2020
71.	Effectiveness of hand-arm bimanual intensive therapy on hand function among children with unilateral spastic cerebral palsy: a meta-analysis K Alahmari, JS Tedla, DR Sangadala, D Mukherjee, RS Reddy, ... European Neurology 83 (2), 131-137	2020
72.	The Management of Massive Tibial Bone Defect Using Unifocal Bone Transport with Ilizarov Apparatus: A case study AA Alshahrani, MS Argan, WAA Alqahtani, MAM Al Hoban, JS Tedla, ... Integrative Journal of Medical Sciences 7	2020
73.	Effects of patient-specific three-dimensional lumbar traction on pain and functional disability in patients with lumbar intervertebral disc prolapse F Asiri, JS Tedla, MSD Alshahrani, I Ahmed, RS Reddy, K Gular Nigerian journal of clinical practice 23 (4), 498-502	2020
74.	Research Article Effectiveness of Hydrogalvanic Bath on Improving Pain, Disability, and Quality of Life in Individuals with Chronic Nonspecific Neck Pain: A Randomized ... MS Alshahrani, JS Tedla, RS Reddy, F Asiri structure 6, 7	2020
75.	Research Article Cardiorespiratory Fitness as a Correlate of Cardiovascular, Anthropometric, and Physical Risk Factors: Using the Ruffier Test as a Template KA Alahmari, K Rengaramanujam, RS Reddy, PS Samuel, ...	2020
76.	Oblique direction reach test: a pilot test to measure limits of stability in oblique direction and its psychometric properties (P. 65)	2020

	JS Tedla, DR Sangadala, K Gular, D Mukherjee, G Gyer Chulalongkorn Medical Journal 64 (1), 65-73	
77.	Medical Lasers; Engineering, Basic Research, and Clinical Application AR Hakami, S Alasmari, M Makkawi, AA Mansour, I Ahmad, ... Medical Lasers; Engineering, Basic Research, and Clinical Application 9 (2 ...	2020
78.	Effectiveness of low-frequency stimulation in proprioceptive neuromuscular facilitation techniques for post ankle sprain balance and proprioception in adults: a randomized ... KA Alahmari, P Silvian, I Ahmad, RS Reddy, JS Tedla, VN Kakaraparthi, ... BioMed Research International 2020	2020
79.	Cervical proprioception and its relationship with neck pain intensity in subjects with cervical spondylosis RS Reddy, JS Tedla, S Dixit, M Abohashrh BMC musculoskeletal disorders 20 (1), 1-7	2019
80.	Spinal manipulation therapy: Is it all about the brain? A current review of the neurophysiological effects of manipulation G Gyer, J Michael, J Inklebarger, JS Tedla Journal of integrative medicine 17 (5), 328-337	2019
81.	Comparison of anti-microbial effects of low-level laser irradiation and microwave diathermy on gram-positive and gram-negative bacteria in an in vitro model S Dixit, I Ahmad, A Hakami, K Gular, JS Tedla, M Abohashrh Medicina 55 (7), 330	2019
82.	Robotic-assisted gait training effect on function and gait speed in subacute and chronic stroke population: a systematic review and meta-analysis of randomized controlled trials JS Tedla, S Dixit, K Gular, M Abohashrh European neurology 81 (3-4), 103-111	2019
83.	Effectiveness of robotics in improving upper extremity functions among people with neurological dysfunction: a systematic review S Dixit, JS Tedla International Journal of Neuroscience 129 (4), 369-383	2019
84.	Journal of Integrative Medicine G Gyer, J Michael, J Inklebarger, JS Tedla	2019
85.	Reference values of functional and lateral reach test among the young Saudi population: their psychometric properties and correlation with anthropometric parameters JS Tedla, F Asiri, MS Alshahrani, DR Sangadala, K Gular, ... Medical Science Monitor: International Medical Journal of Experimental and ...	2019
86.	Proprioceptive neuromuscular facilitation techniques in adhesive capsulitis: a systematic review and meta-analysis JS Tedla, DR Sangadala Journal of musculoskeletal & neuronal interactions 19 (4), 482	2019
87.	Reliability of INFANIB among normal and high risk term neonates: a cross sectional study MY Wong, SL Ganesan, UV Shenoy, JS Tedla, VS Binu Majmaah Journal of Health Sciences 1 (2), 7-7	2018

88.	Ultrasound and Phonophoresis Effect on Eczema Lesions in a 37-Year-Old Male Patient: A Single Case Study JS Tedla, I Ahmad Majmaah Journal of Health Sciences 1 (2), 49-49	2018
89.	Musculoskeletal disorders among ophthalmologists in the Kingdom of Saudi Arabia: A cross-sectional study AM Alamri, JS Tedla, I Ahmad, A Laftal, A Al Ghamdi King Khalid University Journal of Health Sciences 3 (1), 7-12	2018
90.	Normative values for cervical lordosis: A cross sectional study AK Midde, M Panigrahi, M Kumari, JS Tedla Journal of Musculoskeletal Research 20 (04), 1750020	2017
91.	Effectiveness of motor task interference during gait in subjects with parkinson's disease: a randomized controlled trail JS Tedla, K Gular, J Rani International Journal of Physiotherapy, 101-105	2017
92.	Construction of a new questionnaire for assessing physical therapy student attitudes towards their education and profession and testing its validity and reliability JS Tedla Physical therapy rehabilitation science 6 (1), 20-25	2017
93.	Radiography students' satisfaction during their practical and clinical training sessions at King Khalid university, Saudi Arabia: A cross-sectional study AM Hussain, H Salowa, JS Tedla, AM Saleh, SA Rizvi, TY Al-Rammah Biomedical Research (India) 27 (4), 1374-1377	2016
94.	Perceived Readiness to Practice (PRTP): A Study among Physiotherapy Students in Abha, Saudi Arabia SP Silvian, K Alahmari, F Asiri, JS Tedla, IAA Hameed, R Reddy Mediterranean Journal of Social Sciences 6 (4), 175	2015
95.	Effectiveness of ilizarov frame fixation on functional outcome in aseptic tibial non-union cases at Abha, Kingdom of Saudi Arabia: an experimental study AA Al Shahrani, JS Tedla, I Ahmad Journal of Taibah University Medical Sciences 10 (2), 216-221	2015
96.	Normal Q-Angle Values in Asymptomatic Young Adults in Abha, Aseer Region, Kingdom of Saudi Arabia VN Kakaraparthi, KA Alahmari, A Irsad, JS Tedla Journal of Pharmaceutical and Biomedical Sciences 5, 208-211	2015
97.	Comparison of two walk tests in determining the claudication distance in patients suffering from peripheral arterial occlusive disease S Dixit, K Chakravarthy, RS Reddy, JS Tedla Advanced Biomedical Research 4	2015
98.	Psychometric properties of hammersmith infant neurological examination in 12 months old high-risk infants: a cross sectional study JS Tedla, A Bajaj, AM Joshua, G Kamath Indian Journal of Physiotherapy and Occupational Therapy 8 (2), 169	2014
99.	Strength training effects on balance in spastic diplegia subjects: A randomized controlled trial	2014

	JS Tedla Journal of Pediatric Neurology 12 (01), 015-028	
100.	Craniosacral Therapy for Pediatric Neurodevelopmental Disorders: A Critical Review K Vaishali, J Tedla, K Bhat, SP Kumar, V Sisodia Indian Journal of Medical & Health Sciences 1 (1), 31	2014
101.	Normative Data for Foot Posture Index (FPI-6) and Association of Foot Posture with Anthropometric Parameters in School Children from Mangalore: A Cross Sectional Study B Das, JS Tedla, A Narayan International Journal of Research and development of Health 2 (3), 107-115	2014
102.	Normative data for trunk and lower extremity muscle strength by hand held dynamometer for Indian children aged 5-14 years: A cross sectional study RSY Reddy International Journal of Health Sciences and Research 2 (6), 1-19	2012
103.	Balance exercises in Children with Down's Syndrome: A Randomised Controlled Trial A Sharma, S Ganesan, JS Tedla International Journal of Current Research and Review 4 (1), 130-134	2012
104.	Reference values of isometric trunk muscle strength in school age children using a hand held dynamometer: A cross-sectional study RS Bisen, JS Tedla Physiotherapy and Occupational Therapy Journal 5 (3), 107-115	2012
105.	Normative data for the Bruininks-Oseretsky test of motor proficiency in Indian children 6½ to 9½ years old: a cross-sectional study JS Tedla, S Saha, S Ganesan Critical Reviews™ in Physical and Rehabilitation Medicine 24 (1-2)	2012
106.	Normative Values for Maximal Respiratory Pressures in Subjects Age 20 to 70 Years. A Cross-sectional Study. GK Alaparathi, V Prem, JS Tedla, K Chakravarthy Indian Journal of Physiotherapy & Occupational Therapy 5 (4)	2011
107.	Normal values of functional reach and lateral reach tests in Indian school children AA Deshmukh, S Ganesan, JS Tedla Pediatric Physical Therapy 23 (1), 23-30	2011
108.	Comparison of energy expenditure in community ambulating spastic diplegia children with and without walker: a cross sectional study JS Tedla, K Raja Physiotherapy and Occupational Therapy Journal 4 (2-3), 81-87	2011
109.	Normative Data for Bruininks-Oseretsky Test of Motor Proficiency (BOTMP) in Children of 9½– 14½ years: A Cross-Sectional Study J Abbas, JS Tedla, SK Krishnan Critical Reviews™ in Physical and Rehabilitation Medicine 23 (1-4)	2011
110.	Comparison of Knee joint proprioception in Spastic Diplegic and Typically Developing Children of age 5-12 years; A Cross-Sectional Study MD Panchal, AM Joshua, JS Tedla International Journal of Current Research and Review 3 (12), 228-234	2011

111.	Reliability of hand-held dynamometer for strength testing of knee musculature in healthy Indian pediatric population: a cross-sectional study JS Tedla, UV Shenoy, SL Nayak, K Chakravarthy J Phys Ther 2, 11-8	2010
112.	Joubert syndrome: A case report SL Ganesan, A Narayan, JS Tedla, N Sharada Physiotherapy and Occupational Therapy 4 (4), 150	2010
113.	Inter-rater reliability of the Top Down Motor Milestone Test: a cross-sectional study JS Tedla, S Ganesan, S Katragadda Clinical Rehabilitation 23 (8), 725-729	2009
114.	Physiotherapy students attitude towards their education and profession JS Tedla, S Nayak, P Jindal, P Bipin Physiother Occup Ther J 2, 127-8	2009
115.	Normal motor development of Indian children on Peabody developmental motor Scales-2 (PDMS-2) R Tripathi, AM Joshua, MS Kotian, JS Tedla Pediatric Physical Therapy 20 (2), 167-172	2008

Books Published

1. Health-Related Quality of Life in Patients with Cerebral Palsy. Jaya Shanker Tedla, Himani Dalmia, Sai Lakshmi Ganesan. ISBN: 978-613-9-44334-5. Lambert Publication. 2018

Papers under Review

1. Diagnostic trends and treatment choices for benign paroxysmal positional vertigo among medical professionals. (CMJ)
2. Carrying angle and its correlation with age, height, weight, and BMI in a Saudi population
3. The upper quarter muscle imbalances in stiff shoulder conditions- a systematic review.

Research projects completed.

- Effect of cryotherapy on ankle joint proprioception in non-symptomatic subjects; an Interventional study
- Effect of bridging exercise on cardiovascular parameters in hypertensive patients
- Measurement of diastases recti in post-natal period
- Drooling impact scale in children with cerebral palsy
- The effect of Kinesio-taping on hand function in children with Cerebral Palsy
- Comparison of Physical Therapy Educational Curriculum between Various Universities of Kingdom of Saudi Arabia
- Reliability and validity of handheld dynamometer in checking trunk muscle strength

- Effect of aerobic versus breathing exercises in decreasing hypoxia effects and improving the acclimatization process in the newcomers of the Abha: A randomized controlled trial
- Normative data for cubitus valgus in Saudi population.
- Normative data for gait speed in Saudi population.
- Validation of the Arabic version of WOMAC

Conference Presentations

1. WCPT-AWP & PTAT Congress 2017, Bangkok, Thailand, 28 to 30 June 2017. Presented a paper on Effectiveness of robotics in improving lower extremity functions among people with neurological problems: A systematic review.
2. Strength Training in Children with Spastic Diplegia Cerebral Palsy the Past, Present and Future” Presented in 2nd International Conference and Exhibition on Physical Medicine & Rehabilitation. Held on 14-16th July 2014 at Baltimore, Maryland, USA
<https://www.omicsonline.org/2329-9096/2329-9096.S1.006-014.pdf>
3. Presented a Poster at the 11th Annual Research Day of the Health Colleges held on 31st August 2015 at King Khalid University, Abha, and KSA. Topic of the poster is “Reliability of INFANIB among normal and high-risk term neonates: A cross sectional study”.

Currently working projects

1. Effect of low-level laser therapy on hyperglycemia and insulin levels in individuals with prediabetes and diabetes. A randomized controlled trial.
2. Quality of life among children with Disabilities in the Kingdom of Saudi Arabia
3. Pheeze device and its psychometric properties
4. Quality of life among stroke population in the Kingdom of Saudi Arabia
5. EMG muscle response measurements on various muscle activity during exercise

Workshops conducted

- Neural mobilization – 2 Times
- Proprioceptive neuromuscular facilitation – 7 Times
- Strength training for stroke patients
- Stroke rehabilitation.
- Electroneuromyography
- Sensory integration – 11 Times
- Autism and sensory integration – 4 Times
- Guest lectures in International Brain Research Organization workshop
- Training the rehabilitation faculty in Ministry of Health, Iraq
- Neuro Developmental Treatment – 7 Times
- Learning Disability – 4 Time
- Myofascial Release – 3 Times
- Urinary Incontinence – 2 Times
- Trans-cranial Direct Current Stimulations – 2 times

Guest speaker

- Given a Lecture on 17 April 2013, in the Physiotherapy department of Aseer Central Hospital about “Rehabilitation of Cerebral Palsy Patients.”
- Contributed a seminar about Rehabilitation of Military Patients in the “Determined Medical Teams Respond to Decisive Storm Symposium” on 20-04-2015 at King Khalid University.
- Speaker of the following topics two at Armed Forces Hospital, Khamis Mushiyath World Physiotherapy Day-2015 “Fulfilling Potential” on 16-09-2015. Topic-1: Recent Advances in Physical Therapy Management of Cerebral Palsy, Topic-2: Key principles of Therapy for obtaining optimal fulfilling potential in Pediatric Habilitation.
- Provided a talk for Neurosurgery Department at Aseer Central Hospital on 05-11-2015 about “Rehabilitation of Head Injury Patients.”
- Provided a talk about “Physical Therapy management of children with Spastic Diplegia Cerebral Palsy. In Physiotherapy Department, Armed Forces Hospital, Southern Region on March 2016
- Physical Therapy for spinal cord injury patients, 2018
- Strength training in spastic diplegia past, present, and future, USA, 2019
- Speaker for transcranial direct current stimulations. Manipal University, India, 2020
- Speaker for transcranial direct current stimulations. Gulf Medical University, UAE, 2021
- Speaker in the 6th international conference of disability and rehabilitation for the topic of assessment of children with disabilities at Riyadh, KSA on 4-6th December 2022.

Community programs participated and conducted.

- Rehabilitation of children with neuromuscular disorders in Children Rehabilitation Centre and Kurdistan Save the Children organization, Sulaimaniya, Iraq
- Prevention of back pain, Mobility in old age
- How to prevent osteoporosis old women
- Talk for Parents on Understanding mentally challenged children.
- Talk for community on how to prevent disability.
- Community program conducted for individuals in Bareq, Aseer, KSA.
- Co-chaired the presentation sessions at 2nd International Conference and Exhibition on Physical Medicine & Rehabilitation. Held on 14-16th July 2014 at Baltimore, Maryland, USA for the following.
 - Track 1: Diet and physical health
 - Track 3: Sports injury and rehabilitation
 - Track 4: Industrial health and management
 - Track 6: Exercise and Trauma
 - Track 7: Disability and management.
- Certificate of honor for achievement of 15 hours of outstanding performance in physical therapy introductory activity at College of Applied Medical Sciences in the King Khalid University, Abha, Kingdom of Saudi Arabia.

CMEs, Courses, and workshops attended.

- Attended Neurology update meeting on 26 January 2024
- Participated in the Second Annual Meeting of the Saudi Chapter of Cognitive and Behavioural Neurology on 19 January 2024
- Joined 2nd Conference on Rehabilitation Building Bridges to Wellness on 11th December 2023

- Took part in Health Professions Education Forum 2023 on 27th May 2023
- Participated in Saudi Annual Neurology Society on 8th February 2021
- Attended 4th Saudi Spine Society Annual Conference on 29th November 2020.
- Partook in Type 2 Diabetes T2D All Insulin Options on the Table 28th November 2020.
- Optimizing Diabetes Monitoring Thinking Beyond HbA1c 07th November 2020.
- Exhale Asthma Knowledge Management of Mild to Moderate Asthma 25th October 2020
- New Frontier on Rehabilitation of Adult and Pediatric Neurological Disorders 03rd July 2019
- Robotic-Assisted Gait Training Effect on Function and Gait Speed in Subacute & Chronic Stroke 05th June 2019
- Annual Health Colleges Research Day 02 April 2019
- Current Advances In Rehabilitation Of Spinal Musculoskeletal Disorders And Cardiopulmonary 05th February 2019.
- Hands on Workshop on exclusive stroke rehabilitation based on Bobath/NDT Concepts held on 3rd and 4th September 2016 at Sri Siddhartha Physiotherapy and Rehabilitation Center, Hyderabad, India (16 credit hours)
- Workshop on Excel and SPSS held on 18th and 19th of November 2015 at College of Applied Medical Sciences, King Khalid University, Guraiger, Abha
- Attended “Contemporary NDT treatment of the Baby and Young Child” Held on 16th and 17th of August 2015 (13 credit Hours)
- Attended course on “Arabic Language for non-native speakers” from 01-02-2015 to 08-04- 2015 at deanship of Community Service and Continuing Education , King Khalid University, Abha, KSA (72 Credit hours)
- Participated in Workshop on Blended course held on 18th February 2015 at College of Applied Medical Sciences, King Khalid University, Guraiger, Abha
- Participated in E-Learning workshop held on 5th November 2014 at College of Applied Medical Sciences, King Khalid University, Guraiger, Abha
- Attended workshop on Stem Cell in Regenerative Medicine held on 30th April 2013 at College of Medicine, King Khalid University, Guraiger, Abha
- Participated in workshop titled “ Students Assessment Via Blackboard 9.1” held on 25-12- 2012 at E-Learning Deanship, King Khalid University, Guraiger, Abha
- Participated in workshop titled “ Enhancing Communication and Participation Via Blackboard 9.1” held on 23-12-2012 at E-Learning Deanship, King Khalid University, Guraiger, Abha
- Participated in workshop titled “ Virtual Classes System (Elluminate)” held on 28-11-2012 at E-Learning Deanship, King Khalid University, Guraiger, Abha
- Participated in workshop titled “ Students and Assessment Higher education” held on 19th and 20th November 2012 at Academic Development and Quality Deanship, King Khalid University, Guraiger, Abha
- Participated in workshop titled “ Basic course of LMS Via Blackboard 9.1” held on 11-11- 2012 at E-Learning Deanship, King Khalid University, Guraiger, Abha
- Workshop on Hydrotherapy and Neurorehabilitation, King Khalid University, Abha, by Johan Lambeck, November 2012.
- Certified Neuro Developmental Therapist – Adult from International Bobath Instructors Training Association, Amstelveen, Netherlands Course instructor John D Moor March 2012
- Certification in Neuro Developmental Therapy from Neuro Developmental Treatment Association, USA, Certificate #: PED N-9AFF0-031, Jane Stayer Acevedo, March 2011

- Certification in sensory integration from university of southern California, USA. CSI certificate no 3288, Susan Smith Roley, Erna I Blanche Feb. 2010
- Constrained induced movement therapy and locomotor training - Resource person Dr. Stacy Fritz from University of South Carolina, USA, July 2009
- Certificate course in Biostatistics, epidemiology and research methodology, December 2008 from Manipal University
- Enhancing trunk stability for children with movement dysfunction based on NDT approach Resource person - Ms. Timmie Wallace New Mexico USA September 2007
- National level workshop on Gait analysis, September 2007
- Intensive course in the management of the developmentally disabled child: emphasizing handling dynamics to promote postural control using Neuro developmental treatment and myofascial release techniques. Resource person - Elisa M Penn University of New Mexico, USA August 2007
- Sensory integration and self-regulation: examining the evidence and applying to autism. Resource person - Susanne Smith Roley USC, USA May 2007
- MOVE (Mobility opportunities via education) basic course of MOVE international, USA Resource persons - Dr Keith Whinnery and D Linda Bidabe. January 2006
- Post-surgical rehabilitation for cerebral palsy by Dr Deepak Sharan September 2006
- Integrated treatment (NDT and SI): advanced planning course work Resourceperson - Nancy C Rasch, University of New Mexico, USA December 2005
- Oral – Motor and Oral - Sensory disorders with focus on Feeding and Swallowing issues Assessment and Intervention. Resource person - Alyx Medlock, Therapy Solutions , USA January 2005
- Neurodevelopment therapy and myofascial release techniques in the treatment of multiply handicapped children. Resource person - Kathy Patten, USA January 2004
- Sensory integration therapy combining NDT and SI techniques. Resource person - Nancy Campbell Rasch, University of New Mexico, USA January 2004
- Workshop on application of principles of Neuro developmental therapy for adult and pediatric rehabilitation. Resource persons - Karen Matsuura and Annie Verghese, Oakland, USA, March 2004
- Continuing rehabilitation education in Skill enhancement course in handling children with neuromotor system Pathology. Resource person - Mr. Raj Kumar Rajan India November 2003
- Evidence Based Physical Therapy intervention for adult hemiplegia following a stroke. Resource person - Nicole Charlebois-Refae, Kuwait University, Jan 2003
- Developmental aids for children with developmental delay.
- An introduction to Vojta's method.
- Administration of research tools for the developmental assessment of children (Bayley I, II & Weschler's I, II).
- Pediatric Rheumatology
- Urinary Incontinence
- Neuro developmental therapy.
- Sports Medicine, Muscle energy techniques, Hand therapy, Fitness and sports therapy.
- Cardio pulmonary resuscitation and ICU physical therapy.
- Cardiac rehabilitation, Oncology for physical therapists.
- An introduction to Vojta's method.
- Administration of research tools for the developmental assessment of children (Bayley I, II & Wechler's I, II).

- Electrophysiology
- Evidence based practice in physiotherapy
- Teaching methodology
- Basic course on Pub Med search
- Research and data analysis using SPSS 18 version
- Trends in neuroscience research
- Physiotherapy management of people with spinal cord injuries.
- Research methodology
- Physiotherapy for Critically ill Adult Patient

Awards and Achievements

- Alka Verma memorial award for mock (1st prize) and quiz (2nd prize) in 39th annual IAP conference.
- Best poster award titled Innovative Approaches to Frontal Lobe Deficits in Scientific session in January 2001, 3rd Annual Physiotherapy student's conference, Karnataka.
- Certificate of Excellence as "Bharat Gaurav Puraskar" from KTK Outstanding Achievers and Education Foundation for outstanding achievements and remarkable contribution in the field of Physical Therapy on 19th February 2023.
- Certificate of Excellence as "Best Physiotherapist Award" from KTK foundation, New Delhi, India for Best academic and scientific practice in the field of Physical therapy on 14th May 2023.
- Global achievers award for outstanding achievements and remarkable contribution in the field of Physiotherapy at New Delhi on 3rd December 2023.
- Appreciation certificate from the Dean of College of Applied Medical Science for the sincere and honest work as a faculty member in the year 1434.
- Appreciation certificate from the Dean of College of Applied Medical Science for the excellent work as a faculty member in the year 1435-36.

Conferences attended.

- 11th Annual Research Day of the Health Colleges held on 31st August 2015 at King Khalid University, Abha, KSA
- International Spinal Cord Injury Conference held on 4-6th March 2014 at Sultan Bin Abdulaziz Humanitarian City, Riyadh, Kingdom of Saudi Arabia.
- 2nd International Conference and Exhibition on Physical Medicine & Rehabilitation. Held on 14-16th July 2014 at Baltimore, Maryland, USA.
- 2nd, 3rd, 4th and 5th annual Karnataka Physiotherapy students' conferences.
- 1st All India physiotherapy student conference.
- 39th Annual IAP conferences.
- 43rd IAP conference & presented paper on Comparison of Energy expenditure in Community ambulating Spastic Diplegia children with and without walker.
- 45th IAP conference & presented paper on Reliability of hand held dynamometer in knee muscles in children
- History of Indian science, Technology and Medicine.
- 48th IAP conference & speaker for the symposium on "Pediatrics"
- South Indian Physiotherapy Conference - STRING'08

Memberships

- Life membership (Reg. No.7610) in Indian Association of Physiotherapists, India.
- Membership in Neurodevelopmental Therapy Association, U.S.A
- Fellow in academy of general education (No.9847), India.
- Membership in International Brain Research Organization.

Camps attended:

- Screening, evaluation, counseling, management of multiply handicapped children in Angavikalara Ashakirana Trust, Davanagiri and in Manasa Rehabilitation and Training Center, Udupi.
- Karnataka state level Special Olympics conducted in Udupi in March 2004.
- Physiotherapy camp at Suryapet, Nalgonda (AP)
- Rotary club Cerebral Palsy camp at Cheruvattur, Kerala. 25th September 2011.

Extra-Curricular Activities

- Participated in sporting activities such as athletics, swimming, chess, etc., and won prizes.
- Participated in various cultural activities like singing, dancing, drama, variety show, painting and clay molding and won prizes.
- Conducted many community related services for fellow Indians in the Kingdom of Saudi Arabia and was vice-president of western region wing of Saudi Arabian Telugu Association from 2018 till 2023
- Conducted many community related services for fellow Indians in the Kingdom of Saudi Arabia and became president of southern region wing of Saudi Arabian Telugu Association from 2024
- President of Parent Teachers Association of Lana Advanced International School, Khamis Mushayath, Kingdom of Saudi Arabia.

References:

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I hereby declare that the information furnished above is true to the best of my knowledge.

Sincerely,

Dr. Jaya Shanker Tedla