



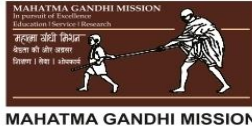
## MGM INSTITUTE OF PHYSIOTHERAPY

MGM Campus, N-6, CIDCO, Chhatrapati Sambhajanagar - 431003 (Maharashtra - India)  
 Ph No. : 0240 - 6482000 (Ext. 2914, 15), Email : mgmiop@mgmiop.edu.in  
 Website : www.mgmiop.edu.in  
 (Affiliated to Maharashtra University of Health Sciences, Nashik)

### **LIST OF RESEARCH PROJECTS ONGOING FOR POST – GRADUATES AND UNDER – GRADUATES FOR THE ACADEMIC YEAR AUGUST 2023-July 2024**

#### **PG – Ongoing**

<b>Sr.no</b>	<b>Title</b>	<b>Investigators</b>
1	Factors Influencing Adherence to phase-II cardiac rehabilitation among patients recovering from open heart surgery in Rural community: An analytical cross-sectional study.	Guide: Dr. Santosh Dobhal Student: Bhutada Yutika Jagdish
2	Comparison of Manual therapy and Diaphragmatic Maneuver on Diaphragmatic Excursion, Thoracic Mobility and Exercise Capacity in Patients with COPD: A Randomized Clinical Trial	Guide: Dr. Santosh Dobhal Student: Boratwar Shraddha Rajesh
3	Recovery of shoulder functions following Coronary Artery Bypass Grafting (CABG) Surgery: A Prospective longitudinal study.	Guide: Dr. Surendra Wani Student: Burkul Vaishnavi Parmeshwar
4	Feasibility and Safety of Neurophysiological facilitation of respiration on pain, oxygen saturation, respiratory rate and breathing pattern in upper abdominal surgery patients: A Quasi-experimental study	Guide - Dr. Vaibhav kapre Student: Charkha Vrunda Vivek
5	Comparative Evaluation of Responsiveness of Low Back Pain Disability Questionnaires (Hindi Version) among Patients with Lumbar Radiculopathy in Indian Context: A Cross Sectional study	Guide: Dr. Kapil Garg Student: Chinchole Rashmi Pralhadrao
6	Influence of various demographic factors affecting the functional recovery after Total Knee Arthroplasty in geriatric population – An Observational Study	Guide: Dr. Doss Prakash S Student: Deo Gauri Arun
7	Effectiveness of Neural Tissue Mobilization along with Pain Neuroscience Education on Pain, Self-reported Function, and Quality of Life in Patients with Cervical Radiculopathy – A Pilot Randomized Controlled Trial	Guide: Dr. Sanket Mungikar Student: Deutkar Gargee Arvind



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8	Effectiveness of circuit training on the uneven surface on gait ability and balance in the elderly population: A randomized controlled trial	Guide: Dr Doss Prakash S Student: Dorlikar Prachi Bandu
9	Effectiveness of Toy based Spirometer on Chest expansion, Breathlessness, Cough and sputum Along with Physical activity Enjoyment in Pediatric Pneumonia Patients: A Randomized Controlled Trial	Guide Dr. Vaibhav Kapre Student: Jha Chitra Parmeshwar Nath
10	Effect of Motor Control Exercises on Acromiohumeral Distance in Overhead Athlete with Glenohumeral Internal Rotation Deficit: A Pilot Randomized controlled trial	Guide: Dr. Sarath Babu Student: Kukreja Sejal Lalchand
11	Effectiveness of Balance Training Exercises in Institutional Dwelling vs Community Dwelling in improving balance and fall risk in elderly people : A Randomised Controlled Trial	Guide: Dr Doss Prakash S. Student: Kulkarni Revati Prakash
12	Effectiveness of different PNF techniques along with conventional physiotherapy On Functional Outcomes In patients with adhesive capsulitis : A Randomized Controlled Trial	Guide: Dr. Surendra Wani Student: Kurulkar Ketaki Mahesh
13	Risk factor Analysis of Injuries in Adolescent Badminton Players with Early Sports Specialization: A Prospective Cross Sectional Study	Guide: Dr. Sarath Babu Student: Lokhande Neha Ramesh
14	Effect of Integrative Breathing Therapy on pulmonary function, chest expansion and pain in postoperative breast cancer surgery patients: A randomized controlled trial	Guide: Dr. Santosh Dobhal Student: Mane Akshata Dhanraj
15	Effectiveness of Patellar Tendon Loading Exercises on Functional Disability, Pain and Electromyographic Activity of Quadriceps Muscle in Patients with Knee Osteoarthritis - A Pilot Randomized Controlled Trial	Guide: Dr. Sanket Mungikar Student: Manghwani Divya Sevakram
16	Effectiveness of corrective exercise continuum on throwing velocity and upper extremity performance in cricket bowlers with Lumbopelvic hip complex dysfunction: A	Guide: Dr. Sarath Babu Student: Maral Dhanashree Satish



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	Randomized controlled trial	
17	Effect of traditional Indian folk games on hand function in children with neurodevelopmental disabilities: A pilot randomized controlled trial	Guide: Dr. Mansoor Rahman A Student: Parale Gaurav Sunil
18	Effect of exergaming with active passive trainer on lower extremity functions in patients with stroke: A pilot randomized controlled trial.	Guide: Dr. Gaurav Mhaske Student: Patil Smitesh Satish
19	Correlation between Anxiety, Depression with pain and physical activity among patients with Chronic Neck Pain- A Cross Sectional Study.	Guide: Dr. Kapil Garg Student: Saindane Vaishnavi Laxmikant
20	Association between Upper Limb Function and Lower Limb Mobility Performance in Older Adults with Shoulder Dysfunction	Guide: Dr. Surendra Wani Student: Salunke Amardeep Angadrao
21	Effect of Intercostal Chest Drainage placement on Inspiratory and Expiratory pressure in patients with Exudative Pleural Effusion – A longitudinal study	Guide: Dr. Vaibhav Kapre Student: Tambe Vaibhavi Nagesh
22	Effect of Rotator Cuff Unloading in Patients with Arthroscopic Rotator Cuff Repair on Pain, Function, Kinesiophobia and Cuff Diameter - A Pilot Randomized Controlled Trial.	Guide: Dr. Sanket Mungikar Student: Waman Manasi Mandar
23	Effect of play based exercise programme on aerobic fitness for children with neuro-developmental disability – a randomized controlled trial	Guide: Dr. Mansoor Rahman A Student: Wayal Sham Dinkar



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### UG – Ongoing

Sr.no	Title	Investigators
1.	Prevalence of musculoskeletal injuries in adolescent badminton players with early sport specialization-A retrospective observational study.	Abedi Ridaye Zainab Dr. Payal Dhawale
2.	Translation cultural adaptation and preliminary validation of revised version of the developmental coordination disorder questionnaire (DCDQ'07) into Marathi.	Rutuja Baraskar Dr. Srilatha Girish
3.	A Correlation Between Fatigue Sleep Disturbance Depression Symptom Cluster and Functional Mobility Among Sub Acute Stroke Patients.	Rucha Deshmukh Dr.Nawaj Pathan
4.	Translation of academic performance rating scale for individual with neurodevelopment disability into Marathi.	Nagesh Nagdhare Dr. Mansoor Rehman
5.	Awareness Of Pelvic Floor Dysfunctions Among Nulligravida Women: Survey Study	Manasi Shinde Dr. Sanskruti Tahakik
6.	Co-relation of natal traumatic stress with socioeconomic factor in parents of high risk infant	Perna Waghmare Dr. Preeti Ghanachari
7.	Awareness and knowledge about clubfoot among people in Chh.Sambhajanagar district : A cross sectional study	Komal Tribhuvan Dr. Surendra Wani