

**Publications of Dr. Mohammed Rafi (Dean of Physiotherapy):**

1. Balance Enhancement in Older Adults: Is Functional-Task Training Better Than Resistance Training in Enhancing Balance in Older Adults? *Cureus*, 13 (11).
2. Influence of Age, Gender, and Body Mass Index on Balance and Mobility Performance in Indian Community Dwelling Older People. *Physical & Occupational Therapy In Geriatrics*. 39:2, 144-156.
3. Effect of Functional Task Training versus Resistance Training in improving Activities of Daily Living Performance in Indian Community-Dwelling Older Adults. *Physiotherapy Quarterly*,30(3), 86–90
4. Comparative efficacy of cervical retraction exercises (McKenzie) with and without using pressure biofeedback in cervical spondylitis. *International Journal of Therapy and Rehabilitation*. Vol. 20, No. 10, pp 501–508.
5. The immediate effect of induced muscular fatigue on static and dynamic balance and core strength in male volleyball players: An experimental study. *International Journal of Health Sciences*, 6(S5), 11507–11515.
6. The effectiveness of single leg mini squat and straight leg raise on pain intensity, muscle strength and physical function in patients with osteoarthritis KNEE in geriatric population: A comparative study. *International Journal of Health Sciences*, 6(S6), 7696– 7710.
7. Effect of Functional Task Training versus Traditional Strengthening Exercises in Improving Functional Reach among Elderly Population. *Indian Journal of Physiotherapy & Occupational Therapy*. Vol. 11 Issue 3, p227-232.
8. Correlation of neck pain and low back pain with Physical activity among dentists in Latur City. *International Journal of Advance Research, Ideas and Innovations in Technology*. [Volume-7, Issue-4, 2021](#)
9. A Comparative Study of Perturbation & Proprioceptive Circuit Exercises in Knee Osteoarthritis Patients. *International Journal of Science and Research*, Vol. 8 Issue4.

**Dr. Sowjanya Maruboyina – HOD – Department of Physiotherapy**

- 1. Sowjanya Maruboyina, Kranthi Kumar, Vijayalakshmi, “Does Trunk Restraint Really Improve Upper Limb Function in Chronic Stroke Patients?”** *International Journal of Health Sciences and Research*, 2015, 5(4), 175-180; Impact Factor: 3.56, Index Copernicus Value (ICV) for 2016: 53.40, ISSN: 2249-9571.
  
- 2. Sowjanya Maruboyina, SanjeevAttry, B KusumaKumari, M. Kranthi Kumar, AshaSrirama, “Comparison of Exercises on two Unstable Surfaces for Balance and Gait Re-education in Patients with Diabetic Peripheral Neuropathy”** *Journal of Medical Sciences and Clinical Research.*, 2018, 6 (6), 2455-0450; Impact Factor (SJIF): 6.379 Index Copernicus Value: 71.58 ISSN (e)-2347-176x ISSN DOI: <https://dx.doi.org/10.18535/jmscr/v6i6.126>
  
- 3. Eswar Reddy, K., Venugopal Reddy, K., Maruboyina Sowjanya, Sujitha Chandrakala, “Postural Problems in School Children and Physiotherapy Role”** *Journal of Medical Sciences and Clinical Research.*, 2019, 7(2), 2455-0450; Index Copernicus Value: 79.54 ISSN (e)-2347-176x DOI: <https://dx.doi.org/10.18535/jmscr/v7i2.146>
  
- 4. Sowjanya Maruboyina, SanjeevAttry, B KusumaKumari, M Kranthi Kumar, K.Eswar Reddy, Sunil Kumar, “Significance Of Sensory Specific Intervention On Balance In Type2 Peripheral Diabetic Neuropathy Individuals.”** *International Journal of Health Sciences & Research*, 2019. Vol.9; Issue: 4.
  
- 5. Sowjanya Maruboyina<sup>1</sup>, Sanjeev Attry<sup>2</sup>, Kusuma Kumari. B<sup>3</sup>, Kranthi Kumar. M<sup>1</sup>, Eswar Reddy. K<sup>4</sup>, Sunil Kumar<sup>5</sup>, Ch. Sai Nikitha <sup>6</sup> “Sural Nerve Electrophysiologic Profile in Normals and Type2 Diabetics of Dissimilar Duration”** *Int J Health Sci Res.* 2019; 9(5):196-201.

6. **Sowjanya Maruboyina**<sup>1</sup>, Sanjeev Attry<sup>2</sup>, Kusuma Kumari. B<sup>3</sup>, Eswar Reddy. K <sup>4</sup>, Kranthi Kumar. M <sup>1</sup>, Sunil kumar,<sup>5</sup>“**SYMMETRY OF ELECTRO PHYSIOLOGICAL MEASURES OF SURAL NERVE IN TYPE2 DIABETES PATIENTS**” Pramana Research Journal Volume 9, Issue 6, 2019, 1989-1996.
7. M Kranthi Kumar, Sanjeev Attry, Kusuma Kumari.B, **Sowjanya Maruboyina**, Sunil Kumar “Effectiveness of SENSAMOVE training to prevent falls in Older Community-Dwelling Adults” Universal Journal, 2019, Volume VIII, Issue V; 622-628.
8. M Kranthi Kumar, Sanjeev Attry, Kusuma Kumari.B, **Sowjanya Maruboyina**, Sunil Kumar “Effectiveness of Otago Exercise Program to Improve Balance and Quality of Life in Older Community-Dwelling Adults” Universal Journal, June 2019 volume X number VI; 151-158.
9. M Kranthi Kumar, Sanjeev Attry, Kusuma Kumari.B, **Sowjanya Maruboyina**, Sunil Kumar “Implementation of Otago exercise programme combined Balance exercise: A sustainable way to renovate balance and avert fall risk in Older Community- Dwelling Adults” Pramana Research Journal, 2019, Volume 9, Issue 6 ;1512-1522.
10. Eswar Reddy K, K Bhargav Kumar, **Sowjanya Maruboyina**, Venugopal Reddy, K “Combined effectiveness of cognitive behavior therapy along with neck stabilization exercises in the treatment of patients with chronic neck pain” International journal of scientific research, volume 11 issue 01, jan 2022, DOI:10.36106/ijsr.