# **Name of the Faculty** – Dr. Sourav Mitra (PT)

**Designation:** Assistant Professor & In-Charge,

Department of Physiotherapy
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**Specialization:** Neurology

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**Research Interest:** Neuroplasticity, Graded Motor Imagery, Neurorehabilitation

## **PUBLICATION DETAILS:**

### **Research Articles:**

1. **Sourav Mitra**, MS Anwar, Satyen Bhattacharyya. Effectiveness of core stability exercises along with swiss ball for improvement of trunk control in stroke patients: A pilot study. *International Journal of Multidisciplinary Trends* 2024; 6(12): 52-54,

DOI: https://doi.org/10.22271/multi.2024.v6.i12a.537

- 2. **Sourav Mitra**, Satyen Bhattacharyya, Amartya Mallick, Priyanka Das. Synergistic healing: Efficacy of extracorporeal shock wave therapy and low-level laser therapy in managing plantar fasciitis heel pain: A pilot Study. *International Journal of Biology Sciences* 2025; 7(1): 17-19, DOI: https://dx.doi.org/10.33545/26649926.2025.v7.i1a.266
- 3. Khairul Islam, **Sourav Mitra**, Tajmina Parbin, Gourab Jyoti Roy. Core and balance: Advancing rehabilitation for multiple sclerosis patients. *International Journal of Biology Sciences* 2025; 7(1): 06-09, DOI: https://dx.doi.org/10.33545/26649926.2025.v7.i1a.263
- 4. **Sourav Mitra**, Satyen Bhattacharyya, Amartya Mallick, Priyanka Das. Pain relief in cervicogenic headache: A pilot study on manipulative therapy efficacy. *International Journal of Advanced Academic Studies* 2025; 7(1): 110-112,

DOI: https://doi.org/10.33545/27068919.2025.v7.i1b.1341

5. **Sourav Mitra**, Md. Zulfaquar Khan, Abhiprata Naru. Pain unplugged: Evaluating cupping therapy in carpal tunnel syndrome – A single case study, *International Journal of Applied Research* 2024; 10(12): 262-264,

DOI: https://dx.doi.org/10.22271/allresearch.2024.v10.i12d.12241

# **Book Chapter:**

- 1. **Sourav Mitra**, Md. Zulfaquar Khan and Abhiprata Naru. Effects of Cupping Therapy for the Improvement of Pain in Carpal Tunnel Syndrome Patient A Case Study. *Emerging Interventions in Physical Therapy and Rehabilitation* 2024. Ed (1): 01-09. DOI: https://doi.org/10.22271/ed.book.3024
- 2. **Sourav Mitra**. A Case Study on Vestibular Maneuvre Combined with Home Exercises for Vestibular Disorder Patient. *Emerging Interventions in Physical Therapy and Rehabilitation* 2024. Ed (1): 13-18. DOI: https://doi.org/10.22271/ed.book.3024



- **3. Sourav Mitra.** Effects of Core-stability Exercises in Treating a Patient with Postoperative Lumbar Disc Herniation: A Case Study. *Emerging Interventions in Physical Therapy and Rehabilitation* 2024. Ed (1): 21-28. DOI: https://doi.org/10.22271/ed.book.3024
- 4. **Sourav Mitra.** Efficacy of Extracorporeal Shock Wave Therapy (ESWT) Along with Low Level Laser Therapy (LLLT) for the Improvement of Heel Pain in Plantar Fasciitis Patient A Case Study. *Emerging Interventions in Physical Therapy and Rehabilitation* 2024. Ed (1): 31-38. DOI: https://doi.org/10.22271/ed.book.3024
- **5. Sourav Mitra.** Efficacy of Manipulative Therapy for Improving Pain in Cervicogenic Headache Patient A Case Study. *Emerging Interventions in Physical Therapy and Rehabilitation* 2024. Ed (1): 41-48. DOI: https://doi.org/10.22271/ed.book.3024

# **Conference Paper:**

1. **Sourav Mitra**, Kundan Das Ukil. Effectiveness of Trunk Proprioceptive Neuromuscular Facilitation Techniques for improvement of trunk stability in stroke patients. Vol 1, pp: 146-154, 2023. ISBN: 978-93-92330-67-4. *International Conference on Translational research for Sustainable Development on Public Health Care*, *BrainHealthcon2023* on 8<sup>th</sup>-10<sup>th</sup> Dec,2023, held at Brainware University.

#### **Patents:**

1. Sourav Mitra. A Sonic Photobiostimulation Therapeutic Machine Device. Application no: 202331010273A, 24<sup>th</sup> Feb, 2023.

### Others:

- 1. **Sourav Mitra**, Satyen Bhattacharyya. Hand Glove Therapy in Stroke Rehabilitation. *Physiotimes*. Issue 1, July 2019.
- 2. **Sourav Mitra**, Satyen Bhattacharyya. Role of Graded Motor Imagery in Neurological Rehabilitation. *Physiotimes*. Issue 4, January 2021.