

Student projects

1. Title: Indian semi-classical Kathak and Bharatnatyam movements for balance confidence and quality of life in Parkinson's disease: Pilot RCT
Investigators (with designation): Koli J, **Karthikbabu S**, Mohan D.
Role: Guide
Description: Platform presentation in World Congress for Neuro Rehabilitation 2018.
Publication: Abstract published in Neural Repair Neurorehabil.
2. Title: Holistic benefits of Indian semi-classical dance therapy in institutional children with Down syndrome.
Investigators (with designation): Manasa, Mohan D, **Karthikbabu S**.
Role: Co-guide
Description: poster presentation in World Congress for Neuro Rehabilitation 2018.
Publication: Abstract published in Neural Repair Neurorehabil.
3. Title: Correlation between DQ5 and DIS in children with cerebral palsy
Investigators (with designation): Gangai, Mohan D, **Karthikbabu S**.
Role: Co-guide
Description: Poster presentations in World Congress for Neuro Rehabilitation 2018.
Publication: Abstract published in Neural Repair Neurorehabil.
4. Title: Lower extremity surface EMG activity during functional mobility in a 22 year old lady with post-partum cerebral venous thrombosis – A case report
Investigators (with designation): Jayasree P, **Karthikbabu S**.
Role: Co-investigator
Description: Poster presentations in World Congress for Neuro Rehabilitation 2018.
Publication: Abstract published in Neural Repair Neurorehabil.
5. Title: Association of hip muscular strength with weight bearing asymmetry, pelvic tilt and gait speed in patients post stroke
Investigators (with designation): Darak V, **Karthikbabu S**, Mohan D
Role: Guide
Description: Poster presentations in World Congress for Neuro Rehabilitation 2018.
Publication: Abstract published in Neural Repair Neurorehabil.
6. Title: Influences of proximal hip muscles retraining on movement control of lower extremity and walking ability in ambulatory stroke individuals.
Investigators (with designation): Dubey L, **Karthikbabu S**, Mohan D. Role: Guide
Description: Poster presentations in World Congress for Neuro Rehabilitation 2018.
Publication: Abstract published in Neural Repair Neurorehabil.
7. Title: Activity integrated relearning for chronic cervical dystonia and motor recovery in a young adult with subcortical bleed.
Investigators (with designation): Dubey L, **Karthikbabu S**
Role: Co-investigator
Description: Best poster award in MIPCON 17.
8. Title: Physical exercise and physical activity profile in chronic vestibular hypofunction: A case report.
Investigators (with designation): Dubey L, **Karthikbabu S**
Role: Co-investigator

Description: Best poster award in BPN Conference 2017, Bangalore.

9. Title: Profile of selective voluntary motor control deficits in children with cerebral palsy with crouch gait pattern.
Investigators (with designation): Ravi S, Mohan D, **Karthikbabu S**.
Role: Co-author
Description: Poster presentation in IACP Conference 2016, Bangalore.
10. Title: Factors influencing participation in children with cerebral palsy: A narrative review
Investigators (with designation): Murthy R, Mohan D, **Karthikbabu S**.
Role: Co-guide
Description: Poster presentation in IACP Conference 2016, Bangalore.
11. Title: Motor skills in children with profound hearing impairment aged 6 -10 years.
Investigators (with designation): Agrawal K, Mohan D, **Karthikbabu S**.
Role: Co-guide
Description: Poster presentations in IACP Conference 2016, Bangalore.
12. Title: Kinesio-taping of shoulder complex influences sensory motor recovery of upper limb in stroke.
Investigators (with designation): Manoj KM, **Karthikbabu S**.
Role: Co-investigator
Description: Poster presentation in World Stroke Congress 2016, Hyderabad. Authors:
Publication: Abstract published in International Journal Stroke.
13. Title: Association of hip muscle function with weight symmetry, pelvic tilt in patients post stroke.
Investigators (with designation): Darak V, **Karthikbabu S**, Mohan D.
Role: Guide
Description: Poster presentation in IFNR conference 2016, NIMHANS, Bangalore.
14. Title: Influence of pelvic control training on lower extremity motor function and functional mobility in patients with stroke – A case series.
Investigators (with designation): Dubey L, **Karthikbabu S**, Mohan D.
Role: Guide
Description: Poster presentation in IFNR conference 2016, NIMHANS, Bangalore.
15. Title: Effect of task-related spinal mobility training on postural control and pulmonary function in Parkinson's disease.
Investigators (with designation): Mahesh A, **Karthikbabu S**, Mohan D.
Role: Guide
Description: Second prize for poster presentation in IFNR conference 2016, NIMHANS, Bangalore.
16. Title: Motor function and quality of life in patients with stroke: A case series.
Investigators (with designation): Dubey L, **Karthikbabu S**.
Role: Co-investigator
Description: First prize for poster presentation in Neuro Update 2016, Manipal University.
17. Title: Airway clearance using acapella in Guillain - Barre syndrome: A case report. **Karthikbabu S**.
Investigators (with designation): Darak V, **Karthikbabu S**.
Role: Co-investigator
Description: Poster presentation in national ICU Physiotherapy Conference 2015, Manipal University, Bangalore.

- 18.** Title: Effects of trunk proprioceptive neuromuscular fascilitation on dynamic balance, mobility and quality of life in Parkinson's disease.
Investigators (with designation): Sneha BS, **Karthikbabu S**, Nafeez S, Prashanth LK.
Role: Co-investigator
Description: Poster in XXI World Congress on Parkinsonism & Related Disorders'15, Milan, Italy
Publication: Abstract published in Parkinsonism & Related disorders
- 19.** Title: Effects of multi-sensory training on BESTest in children with cerebral palsy.
Investigators (with designation): **Karthikbabu S**, Patel B.
Role: Co-investigator
Description: Oral presentation in IACP CON 2014, Hyderabad, India.
- 20.** Title: Functional training effects on PEDI, balance and strength in diplegic cerebral palsy.
Investigators (with designation): **Karthikbabu S**, Khullar S.
Role: Co-investigator
Description: Best paper award in 3rd RECOUP International Conference on Cerebral Palsy, 2014, Bangalore.
- 21.** Title: Effects of pneumatic abdominal binder and calf compression Vs elastic compression bandaging on orthostatic hypotension in patients with acute stroke: A randomized clinical trial.
Investigators (with designation): Vijayakumar M, Aishwarya, **Karthikbabu S**.
Role: Guide
Description: Poster presentation in WCNR 2012, Melbourne, Australia.