**Department of Physiology** 



Velammal Medical College Hospital & Research Institute, Madurai



## **Faculty Research – Completed projects**

- 1. Study on the time of return of oxygen saturation levels after acute exercise in athletes and non-athletes
- 2. Understanding the Effects of Drishti Bheda, The Eye Movements in Indian Classical Dance, on Vision and Audition A Cross-sectional Study
- **3.** The Impact of Images with Monochromatic, Dichromatic and Trichromatic Color Palettes on Different Aspects of Visual Memory Among Medical Students.
- 4. Knowledge and Perception about Artificial Intelligence among medical students.
- Knowledge Attitude & Beliefs of Medical Students Towards Transgender Healthcare & Laws Pertaining to Healthcare – A Questionnaire Based Study
- **6.** Impact of offline and online mobile network services on short term spectral analysis of cardiac autonomic activity in healthy young adults
- 7. Signs in various stance Breath easy and way to cardiovascular health

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- **8.** Comparative study of visual evoked potential, and cortical auditory evoked potential in Parkinson's disease patients and age matched controls to assess the cognitive decline (ICMR STS Project)
- **9.** Effect of rapid breathing exercise on abdominal fat, pulmonary function, vascular reactivity and lipids in overweight and obese individual
- **10.**Touch me not: A Study analyzing the effect of chronic smartphone usage on the fingertip sensations of normal individuals (ICMR STS Project)
- 11.Study of return of oxygen levels to baseline after acute exercise in athletes and non-athletes
- 12.Effect of eye exercises on visual field and visual reaction time
- 13.Effect of Framing of Questions by Medical Students on Learning of the Subject
- 14.Assessment of the effect of swinging on autonomic modulation in patients with borderline hypertension
- 15.Effect of fidget spinning on cardiac autonomic activity and visual reaction time
- **16.**Olfaction in overweight & obese individuals
- **17.**Effect of effect of slow breathing exercises on abdominal fat, pulmonary function, vascular parameters, blood lipids in Overweight /obese individuals

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**18.**Effect of eye exercises on axial length, corneal curvature and near point of accommodation in individuals with refractive errors

19. Study on effect of smartphone radiation on taste and smell sensation

**20.** "The Brain listens the best to its Master" – The memory benefit of hearing oneself

21. Evaluation of Perfusion Index, Non-Invasive Hemodynamic Parameters as Stress Indicators during Exercise