

**DEPARTMENT OF PHYSIOLOGY-PUBLICATIONS**

**Dr S Arrthy**

1. **Arrthy S S** Saravanan. Perception of First-Year MBBS Students Regarding Model Making as a Learning Method: Fostering Creativity, Teamwork, and Conceptual Understanding in Physiology. *Nigerian Journal of Physiological Sciences*, 2025 <https://doi.org/10.54548/>.

2. **Arrthy S**, Pushpa G, Pravallika P. Does age at menarche influence final height in female adolescents? *Bioinformation* [10.6026/973206300213363](https://doi.org/10.6026/973206300213363) .

3. Dr. Pushpa, **Dr. S Arrthy**, Bhanu Priya H . Correlation of habitual physical activity and body mass index on premenstrual syndrome among medical students. *Int J Life Sci Biotech Pharma Res*. 2025 DOI: [10.69605/ijlbpr\\_14.5.2025.140](https://doi.org/10.69605/ijlbpr_14.5.2025.140)

4. **Dr.S. Arrthy**, Arkanshu Atha, Dr S Saravanan . The relationship between anthropometric features and dynamic balance in young adults- A cross sectional study. *Indian journal of applied research* .2021 DOI : [10.36106/ijar](https://doi.org/10.36106/ijar)

5. **Arrthy S**, Saravanan S, Akhanshu Atha. Association between cross-dominance and visual memory—a cross-sectional study. *Natl J Physiol Pharm Pharmacol*. 2020;10(2):164–166

6. Vinodha R, Catherine AP, **Arrthy S**, Bobby D. Comparison of P100 latency and amplitude between dominant and non dominant eye. *Int J Curr Res*. 2015;7(8):19631–19633.

7. Vinodha R, Shanmugapriya C, **Arrthy S**. Influence of ocular dominance on anisometric myopia. *Res Rev J Med Health Sci*. 2014;3(4):88–94.

8. **Arrthy S**, Vinodha R, Saravanan S. Evaluation of optic and vestibulocochlear nerve involvement in Type 2 diabetes mellitus patients by using evoked potential. *Int J Med Res Health Sci*. 2015;4(4):865–867. doi:[10.5958/2319-5886.2015.00172](https://doi.org/10.5958/2319-5886.2015.00172).

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## **Dr Omkar**

1. Impact of second hand smoke on cognitive functions in young women. **Dr Omkar N G**, Dr Pushpa K, Dr Kanchana .International journal of life sciences, biotechnology and pharma research March 2025 volume 14 no 3 DOI: 10.69605.

2. "In vitro protective effect of proteins of terminalia chebula fruits action on inhibition of haemolysis, proteinase & protein denaturatuion process". Dr. Omkar NG, Vedamurthy Joshi and Dinesha Ramadas. Asian Journal of Pharmaceutical and clinical research (AJPCR). Vol 16 Issue 11, November, 2023,(Embase)

3. Ferrous sulphate – ascorbate induced dna damage and protection by natural compounds . dr. omkar n g, bhagya lakshmi v, dinesh ramadas, vedamurthy joshi . International journal of health and clinical research. 2022, Vol 5(3) - 721-725/ e- ISSN: 2590-3241, p-ISSN: 2590-325X (DOAJ)

4. Prevention of dna sugar, human peripheral lymphocytes and erythrocytes damages from free radical induced oxidation by natural antioxidants. **Dr. Omkar N G**, Prem Kumar G, Bhagyalakshmi V, Dinesh Ramadas . Asian journal of pharmaceutical and clinical research . Vol 15, Issue 1, 2022/Online- 2455-3891/ Print- 0974-2441(Embase)

5. Anti glycation and anti oxidant activities of polysaccharides from nuntingia calabura roots. **Omkar NG**. International journal of medical science and current research. 2018 volume 1, issue 2, page no 224-229 ISSN online 2209-2862 ISSN print 2209-2870

6. Effect of Mental stress on autonomic nervous function in young adults. . **Omkar NG**, Gopalakrishna , Santhosh Kumar Nune .Indian Journal of clinical anatomy and physiology. 2018 volume 5(1), Page no 47-51 DOI:10.18231/2394-2126.2018.0012

7. QTc interval and oxidative stress markers variation in acute myocardial infarction. **Omkar NG**, Santhosh Kumar N, Balu Mahendran K .Scholars journal of applied medical sciences. 2017 Dec-volume 5(12A)-Page no 4828-4831 Online ISSN-2320-6691

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## **Dr Ramya C S**

1. Influence of Short Term Yoga Retreat on Stress and Anxiety Levels in Patients Suffering from Psychosomatic Disorders. . Sumit Garg<sup>1</sup>, **Ramya CS<sup>2</sup>**, Vinutha Shankar<sup>3</sup>, Karthiyanee Kutty<sup>4</sup>. International Journal of Physiology. DOI Number: 10.5958/2320-608X.2018.00013.6, 2018, Vol. 6, No. 1.

2. Efficacy of short-term Yoga therapy program on quality of life in patients with psychosomatic ailments. Sumit Garg, **C. S. Ramya<sup>1</sup>**, Vinutha Shankar<sup>2</sup>, Karthiyanee Kutty<sup>2</sup>. Indian Journal of Psychiatry. DOI:10.4103/0019-5545.148530, 2015.

3. A Comparative Study of the Effects of Ambient Air Pollution on Ventilatory Functions Tests in Urban and Rural Populations. Dr. Sayad Abdul Hamid , **Dr. Ramya C.S \***, Dr. G.S

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## **Dr Nisar ahmed**

1. Synaptic Transmission and Its Role in Neurological and Psychiatric Disorders: A Molecular Perspective **Nisar Ahmed**,<sup>✉</sup>, Haseeb Javaid Rather, Aditi Rana, Kaskar Alina Vasim, Komal Ravi Thaker, Dinesh Tripathi. 2026 Jan 2;18(1):e100649doi: [10.7759/cureus.100649](https://doi.org/10.7759/cureus.100649).

2. Effect of Shakthi bandha asana on Pupillary Light Reflex in Polycystic Ovarian Syndrome: A Case Study. **Ahmed, Nisar**,; Arumugam, Velan, Balakrishnan, Arthi, Palani, Karthikeyan; Kumar, A. V. Siva; Gayathri, A, Venkateswaran, S. T., Kuppasamy, M. Indian Journal of Ayurveda and Integrative Medicine KLEU. 2025, DOI: [10.4103/ijaim.ijaim\\_34\\_24](https://doi.org/10.4103/ijaim.ijaim_34_24)

3. Immediate Effect of Steam Bath on Body Composition among Obese Individuals: A Case Series. Kumar, Venkateswari; **Ahmed, Nisar**, Balakrishnan, Arthi, Arumugam, Velan, Ponnurangam, Ramesh, Palani, Karthikeyan, Venkateswaran, S. T, Kuppasamy, M. Indian Journal of Ayurveda and Integrative Medicine KLEU. 2025 DOI: [10.4103/ijaim.ijaim\\_35\\_24](https://doi.org/10.4103/ijaim.ijaim_35_24)

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5. Impact of apnea-hypopnea index on deep sleep percentage among adults: A cross-sectional analysis. **Nisar Ahmed**, Hafiza Sultana, Qudsiyah, Tasneem, Mubasheera, Begum, Shankar Prasad Gupta. International Journal of Life Sciences Biotechnology and Pharma Research. Vol. 14, No. 3, March 2025, DOI: [10.69605/ijlbpr\\_14.3.2025.263](https://doi.org/10.69605/ijlbpr_14.3.2025.263).

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7. Association between Sleep Efficiency and Daytime Sleepiness among Adults: A Cross-sectional Analysis. **Nisar Ahmed**, Hafiza Sultana, Qudsiyah, Tasneem, Habibullah. V, Shankar Prasad Gupta. NeuroQuantology. Volume 22 No 5 (2024) DOI: [10.48047/nq.2024.22.5.nq25064](https://doi.org/10.48047/nq.2024.22.5.nq25064)

8. Evaluation of Brainstem Auditory Evoked Response and Nerve Conduction in Parkinson's disease. **Nisar G Ahmed\***, D.K Agrawal<sup>2</sup>, Anjum Mirza Chughtai. Mov Disord. July–Sept 2017/ Vol 3/ Issue 3, DOI: [10.21276/iabcr.2017.3.3.24](https://doi.org/10.21276/iabcr.2017.3.3.24)

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10. Cinnamomum verum on Learning and Memory in Wistar Albino Rats . **N. Ahmed**, d.  
Agrawal, a. Chughtai (aligarh, india). Mov Disord Volume 32, Issue Supplement  
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