

## Department of Physiology

**Dr. Anita S. Malhotra, Prof. & Head**

**Book Chapters:**

Authored a Book for BSc Nursing and allied Health Sciences - Basic & Applied Human Anatomy & Physiology -2023 (Revised Edition )

**Dr. Gurjit Kaur , Professor**

**Research publications in the last one-year (Vancouver style) by individual faculty member. (Jan' 24-Dec '24)**

- Recent domains in telomere and telomerase targeting for accomplished Cancer therapy” Rajendra Prasad<sup>1</sup>, Gurjeet Kaur<sup>2</sup>

**Book Chapters:**

Basic & Applied Human Anatomy & Physiology 2023 (Revised Edition)

**Dr. Kiran Prakash, Assistant Professor**

**Research publications in the last one-year (Jan-24 to Dec 2024)(Vancouver style) by individual faculty member.**

- a. **Prakash K**, Ranjan N, Malhotra AS. Blood pressure variability is better associated with acute relative hyperglycemia than the heart rate variability in healthy young adults. Exp Clin Endocrinol Diabetes. 2024 Apr 3. doi: 10.1055/a-2298-9005. Epub ahead of print. PMID: 38569511.
- b. Sahu JK, Madaan P, Wanigasinghe J, Chand P, Winter SF, Poudel P, Linn K, Mynak ML, Fatema K, Aye AMM, Hamed E, Hassan S, Bansal D, Gómez NG, Mesa Latorre MT, **Prakash K**, Amos A, Ding D, Gulati S, Samia P, Vidaurre J, Walsh D, Baker G, Sofia F, Wilmshurst J, Singhi P, Cross JH. Mitigating treatment lag for infantile epileptic spasms syndrome in low- and middle-income countries: Key recommendations from the South Asia allied IESS Research Group. Epilepsia. 2024 Aug 9. doi: 10.1111/epi.18090. Epub ahead of print. PMID: 39120047..

**Book Chapters:**

- a. **Kiran Prakash**, Manpreet Kaur, Shival Srivastav, Mahesh Arjundan Gadhvi and Renuka Sharma. Neurophysiology of the Endocrine system. In: Mahajan C, Kapoor I, Prabhakar H. Brain and Organ Communication Effects of Crosstalk on Neurophysiology. Academic Press. 2024. Pg: 139-154.
- b. Manpreet Kaur, **Kiran Prakash**, Shival Srivastav, Mahesh Arjundan Gadhvi and Renuka Sharma. Crosstalk between brain and the endocrine system. In: Mahajan C, Kapoor I, Prabhakar H. Brain and Organ Communication Effects of Crosstalk on Neurophysiology. Academic Press. 2024. Pg: 155-175.
- c. Simran Kaur, Didhiti Mukherjee, Manpreet Kaur and **Kiran Prakash**. Central nervous system and its basic physiology. In: Mahajan C, Kapoor I, Prabhakar H. Brain and Organ Communication Effects of Crosstalk on Neurophysiology. Academic Press. 2024. Pg: 7-44.

**Dr. Anumeha Bhagat , Assistant Professor**

<b>Books Name of the book, ISBN, Year of Publication, Publisher</b>
<b>Anumeha Bhagat.</b> Yoga, Mind wandering and Neuroeconomics: insight and Perspectives. (Book chapter) in the book Neuroscience of Yoga: Theory and Practice. Ed. Dr Akshay Anand. Springer Nature. <b>2024</b>
<b>Anumeha Bhagat.</b> Spiritual wellness: Exploring Eastern and Western Perspectives (Book Chapter) in The Handbook of Wellness: A Guide to Overall Well-Being. Editors Dr Praveen Katiyar, Prof R K Dixit, Dr Ajay K. Gupta, Dr Vivek S. Sachan. SLC India Publishers. <b>2024</b>