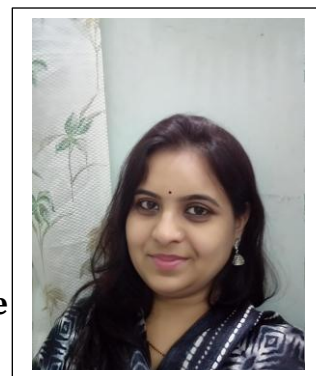


L. A. D. & Smt. R.P. College for Women, Nagpur

FACULTY PROFILE

❖ Basic Information

- **Name:** Dr. Swapnali Wasudeo Charpe
- **Designation:** Assistant Professor
- **Department:** Zoology
- **Area of Specialization:** Cell Biology and Neuroscience
- **VIDWAN ID-** 699952
- **ORCID ID-** 0009-0006-0382-6133



❖ Educational Qualifications: M. Sc. (Zoology), SET, Ph. D., B. Ed., PGDF

❖ Total Teaching Experience: 17 Years

❖ Research Experience

- Total Research Experience: 15 Years
- Research Guidance (M. Phil/Ph.D. Guided): Nil
- Areas of Research Interest: Neuroscience, anthropometric study

❖ Research Publications

(A) Research Papers in National/ International Journals

- S. W. Charpe, S. A. Koushik, T. S. Khedkar, Light and electron microscopic study of the medulla oblongata in human fetuses, Journal of Biological and Physical Sciences Vol II (IV), ISSN No.2319-636X Nov. 2012
- Sonia V. Ingle and Swapnali W. Charpe, Morphological and ultrastructural analysis of Indian tiger hair, Bionano Frontier ISSN 0974-0678 Vol. 5 (2-I) Nov. 2012.
- Swapnali Charpe, Swati Koushik and Trupti Khedkar, Astrological study on developing human olfactory bulb and olfactory tract, Bioinfolet 20(1): 40-44 2023 Research Papers Presented in Conference

- Dr. Swapnali W. Charpe, Ms. Shital Dhangar, Ms. Varsha Patel and Ms. Poornima Tandekar, Evaluating Noise Pollution in an Academic Environment: A Case Study, Research Journal, Vol. 21, No. (1) 2025 ISSN – 0974-0317

(B) Books / Book Chapters

Edited-

- Text Book of Environmental Science (VEC, BVE1T01) B. Sc., B. Com., BBA, BCCA, BCA- First Semester, Based on syllabus of R. T. M. Nagpur University, Nagpur ISBN- 978-93-48359-44-5

❖ Orientation / Refresher Courses / FDPs Attended

- Participated in the six days' FDP "Pragati ke path par- 2024"; organized by M. L. Pendse language lab in association with L.A.D. & Smt. R. P. College for Women, Nagpur from 19- 24 July 2024
- Refresher course: online refresher course in Zoology conducted by UGC Malaviya Mission Teacher training Centre, RTMNU Nagpur, 2024-2025, dated: 07/10/24 to 19/10/24.
- Online 15th Faculty Induction Programme from 01-12-2025 to 27-12-2025 organised by UGC-Malaviya Mission Teacher Training Center RTM Nagpur university.

❖ Papers Presented in Conferences / Seminars

Research Papers Presented in Conference

- Study of cytoarchitecture and NPY immunoreactivity in olfactory bulb of developing human brain. (Poster Presentation), International conference on comparative endocrinology and physiology. 21-23 October 2013 by Indian society for comparative endocrinology. Suraburdi Meadows, Nagpur, Maharashtra, India.
- Structural characterization of dorsal card hair of Panthera pardus. (Oral Presentation), 6th international Congress of Environmental Research. 19- 21 December 2013. Dr. Rafiq Zakaria Campus, Maulana Azad College of Arts, Science and Commerce, Aurangabad, Maharashtra, India.
- Development of Occipital cortices in human fetuses: Anatomical, cytoarchitectural and transmission microscopic study, (Oral Presentation), 11th

National conference on solid state chemistry and allied areas. 20-21 December 2019 organised by Seth kesarimal Porwal College of Arts, Science and Commerce, Kamptee.

- Empowering human brain research: functional material and their transformative applications. (Poster Presentation) International conference on functional material March 15 and 16 2024 organised by Nabira Mahavidyalaya Katol, in association with association of chemistry teacher (ACT) Mumbai.
- Age- Specific Anaemia Patterns in Gewara Buj village of Chandrapur district: A study of Prevalence and Severity. (Poster Presentation) One Day National Seminar- ONS-ERBAS 2025 organised by Mathuradas Mohta College
- Applications of Artificial Intelligence in Zoology: A Review of Current Trends and Future Directions. (Oral Presentation) International Conference on Artificial Intelligence (AI) & the Future of Society: A Multidisciplinary Perspective. ICAIFS-2026

❖ **Workshops / Seminars / Conferences Organized**

- Part of the organising committee of the 'National workshop on "Lepidopteran Taxonomy with Hands-on Training in Field and Laboratory Techniques" in collaboration with PGTD of Zoology RTMNU Nagpur, Dated 27 & 28th July 2025

❖ **Awards / Recognitions**

- Best Poster presentation award at International conference on comparative endocrinology and physiology. 21-23 October 2013 organised by Indian society for comparative endocrinology.
- Best Poster presentation award at International conference on functional material March 15 and 16 2024 organised by Nabira Mahavidyalaya Katol, in association with association of chemistry teacher (ACT) Mumbai.