

MRS. SINDUJA S

Assistant Professor in Embryology | Biochemistry | Researcher

■ Coimbatore, Tamil Nadu | ■ sinduja_cle@avinuty.ac.in | ■ 90036 50027

PROFESSIONAL EXPERIENCE

Avinashilingam Institute for Home Science and Higher Education for Women

Assistant Professor in Embryology

Coimbatore | 2024 – Present

Ganga College of Nursing (Inst. Code - 488)

Assistant Professor in Embryology

Coimbatore | 2022 – 2024

Clinical Experience -Andrology Lab Chennai 2017-2021

RESEARCH PROJECTS

Unlocking the Therapeutic Potential of Onion Peel: Valorization & Characterization of Onion Peel Extract vs. Fermented Onion Peel Extract – A Comparative Pilot Study

Role: Co-Principal Investigator | **Year:** 2025 | **Funding:** ■ 50,000

HONOURS AND AWARDS

- Outstanding Contribution to Embryology & ART (2025) – Fertility Conclave, Hyderabad
- Dr. S. Radhakrishnan Visionary Mentor Award (2025) – Tret Yug Foundation (Recognised by Govt. of India)
- Best Performer Awards (2016) – Biochemistry, Microbiology, and Human Biology – The Sankara Nethralaya Academy (TNMGRMU)

PROFESSIONAL MEMBERSHIPS

- I.S.A.R INDIAN SOCIETY FOR ASSISTED REPRODUCTION - LIFE TIME MEMBER AS EMBRYOLOGIST (006763)
- INDIAN FERTILITY SOCIETY LIFETIME MEMBER (5073)
- NDLI – Lifetime Member (2025)
- Board of Studies – Member, Department of Embryology (2025)
- Association of Allied Health Professionals – Lifetime Member (LT9510295) (2025)
- Research Foundation of India – Individual Member (RFI-CARE/2025/MB/488)
- Board of Studies (GTN College of Arts, Dindigul) – Syllabus Expert, Clinical Embryology (2025)
- IFCAI – Lifetime Member (2024)

COMMITTEE MEMBERSHIP

- WUACD – Member (2025)

PATENT

Onion Peel Patch Dispenser

Inventor: Mrs. Sinduja S | Assignee: Mrs. Sinduja | Published: 29 August 2025

PUBLICATIONS

- Polycystic Ovary Syndrome (PCOS) and Fertility Health in India: A Systemic Review – The Innovation Nexus, Vol. 01 (2025), pp. 01–245
 - Phytochemical Analysis and In Vitro Anticancer Activity of Chloroform Extract of Centella Asiatica Leaves Using Lung Cancer (A549) – Journal of Neonatal Surgery, Vol. 14 (2025)
 - Antioxidants – Health & Disease – Vol. 01 (2025), pp. 01–08
 - Assessment of Knowledge and Attitude Towards Menopause Among Perimenopausal Women in Coimbatore District – IJCRT, Vol. 13, Issue 9 (2025), pp. d1–d10
 - Author: Mrs. Sinduja S – International Journal of Scientific Research in Engineering & Management, Vol. 12 (Dec 2024)
- Mental and Physical Health Challenges Among the Elderly: An Indian Perspective
Solovyov Studies ISPU, Vol. 73 (2025)

Education

B.Sc.M.L.T .,M.Sc.Biotechnology .,Pursing Ph.D in Clinical Embryology & Genetics....

AREAS OF EXPERTISE

- Clinical Embryology
- Biochemistry & Microbiology
- Research Methodology
- Laboratory Management
- Academic Mentorship & Curriculum Development
- Course Advisory & Curriculum Design in Embryology

PERSONAL DETAILS

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Languages Known: English, Tamil

Nationality: Indian