

Biosketch – Dr. Jasmine S. Sundar

Dr. Jasmine S. Sundar, MBBS, M.Sc. (Epidemiology)

Senior Assistant Professor

Department of Epidemiology

The Tamil Nadu Dr. M.G.R. Medical University, Chennai, India

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Biography

Dr. Jasmine S. Sundar is a seasoned epidemiologist and academician with over 22 years of rich experience in teaching, research, and public health practice. She holds an MBBS from Thanjavur Medical College and a Master of Science in Epidemiology from The Tamil Nadu Dr. M.G.R. Medical University, where she has been serving in progressive academic and administrative roles since 2005.

Her professional journey reflects extensive contributions to the fields of non-communicable diseases, communicable diseases, maternal health, and adolescent health. As a committed educator and researcher, she has mentored more than 70 postgraduate students and faculty members, strengthening the research capacity within medical and allied health institutions.

Dr. Jasmine has served in several key administrative roles, including Deputy Controller of Examinations for MBBS, Dental, and Allied Health Sciences programs, and as a core member of the Ph.D. Internal Screening Committee. She is widely recognized for her expertise in research methods and biostatistics, frequently serving as a resource person, workshop coordinator, invited speaker, and examiner for postgraduate programs across Tamil Nadu.

She has published more than 70 plus peer-reviewed articles in reputed national and international journals, with notable visibility in scholarly platforms (Citations: 323; h-index: 7; i10-index: 7). Her research findings, including work on adolescent hypertension, have gained public attention through media publications such as The Indian Express.

A dedicated contributor to academic literature, Dr. Jasmine has authored chapters on Study Designs and Diagnostic Tests in the TNMGRMU Research Methodology and Biostatistics Workshop Manual. She also serves as a reviewer for multiple journals, particularly those under Cureus and Springer Nature.

Academic Qualifications

- MBBS, Thanjavur Medical College
- M.Sc. (Epidemiology), The Tamil Nadu Dr. M.G.R. Medical University

Professional Experience

- Senior Assistant Professor, Department of Epidemiology, TNMGRMU (2017–present)
- Assistant Professor, Department of Epidemiology, TNMGRMU (2014–2017)
- Tutor, Department of Epidemiology, TNMGRMU (2005–2014)

Administrative Roles

- Deputy Controller of Examinations – MBBS, Dental & Allied Health Sciences
- Member, Ph.D. Internal Screening Committee
- Question Paper Setter – AHS Courses
- External & Internal Examiner – M.Sc. Epidemiology and Public Health

Research Areas

- Non-communicable diseases: Hypertension, Diabetes Mellitus, Anemia
- Communicable diseases: HIV/AIDS, Tuberculosis, Leptospirosis
- Maternal Health
- Adolescent Health

Professional Contributions

- Coordinator & Resource Person for workshops on Research Methodology & Biostatistics, Evidence-Based Medicine, and Scientific Medical Writing
- Invited Speaker for Medical, Dental and AYUSH PG programs across Tamil Nadu
- Active reviewer for national and international journals (Cureus, Springer Nature)
- Presented talks at multiple CME programs on Influenza A(H1N1) and Adolescent Hypertension

Research Guidance

Guided more than 70 postgraduate students, Ph.D. scholars and faculty members in dissertations and theses.

Projects (Principal Investigator / Co-Investigator)

- Prevalence of Adolescent Hypertension among school children (13–17 years), Chennai
- Prevalence of Group A Streptococcus among slum-dwelling children, Chennai
- Delay in diagnosis of breast and cervical cancers in Tamil Nadu – Mixed-methods study

Membership

- IndiaCLEN

Publications

- 70+ publications in indexed, peer-reviewed national and international journals
- Google Scholar Profile: <https://scholar.google.com/citations?user=Jz9q-2sAAAAJ&hl=en>
- Citations: 325 | h-index: 7 | i10-index: 7

Other Notable Contributions

- Article on adolescent hypertension featured in The Indian Express (17.05.2017)
- Contributed chapters to TNMGRMU's Research Methodology & Biostatistics Workshop Manual for Medical PG, UG and Ph.D. scholars