

DR. SRIDEVI G

MD Community Medicine | DNB | MBBS
IAPSM Young Talent Award 2026

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IGMC&RI, Pondicherry
h-index: 14 | 32 Publications

★ **IAPSM Young Talent Award 2026** — National Level | Indian Association of Preventive and Social Medicine | February 2026

PROFESSIONAL SUMMARY

Qualified medical professional with MD and DNB in Community Medicine, recipient of the prestigious IAPSM Young Talent Award 2026 (National Level) and ICMR MD Thesis Grant. Brings 3 years of postgraduate training at AIIMS Jodhpur and progressive Senior Residency experience across three premier institutions — Dr. RML Institute of Medical Sciences Lucknow, AIIMS Gorakhpur, and IGMC&RI Pondicherry. Hands-on expertise in Family Medicine OPD, Rural and Urban Health Training Centre operations, and active implementation of national health programs including NTEP, RMNCH, NTCP, and NVBDCP. Strong research foundation with 32 peer-reviewed publications, h-index of 14, and expertise in research methodology training (SRMA, mixed methods, Jamovi, Epicollect, questionnaire validation).

WORK EXPERIENCE

Senior Resident – Community Medicine | 20 August 2024 – Present

Indira Gandhi Medical College and Research Institute (IGMC&RI), Pondicherry

- Running Rural Health Training Centre (RHTC) and Urban Health Training Centre (UHTC) OPDs — providing primary care consultations, health assessments, and management of acute and chronic conditions in underserved rural and urban slum populations
- Implementation and field-level monitoring of national health programs: NTEP (tuberculosis case finding, DOTS supervision, contact tracing, sputum sample referrals), RMNCH (antenatal care, immunization sessions, family planning counselling), NTCP (NCD screening camps, hypertension and diabetes follow-up), and NVBDCP (vector-borne disease surveillance, fogging coordination, rapid response)
- Conducting community-level field surveys, health and wellness camps, and outreach activities under state and national health campaigns
- Supervising and mentoring MBBS undergraduates during field postings at RHTC/UHTC — teaching community medicine principles, health program operations, and epidemiological field methods
- Maintaining MIS registers, program documentation, and monthly/quarterly reports as per national program guidelines and state health department requirements
- Coordinating with district health officials for programme compliance review, gap identification, and corrective action planning
- Organising Pulse Polio rounds, National Deworming Day, and other national health day campaigns — managing logistics, community mobilization, and post-event reporting and documentation

Senior Resident – Community Medicine | 7 November 2023 – 19 August 2024 (~9 months)

All India Institute of Medical Sciences (AIIMS), Gorakhpur, Uttar Pradesh

- Managed Community Medicine department SR responsibilities including OPD support, field practice area supervision, and undergraduate teaching at a newly established AIIMS campus
- Conducted field-level activities in rural and urban field practice areas — household surveys, VHNDs, immunization sessions, and active NTEP, RMNCH, and NVBDCP program implementation
- Contributed to departmental academic activities including tutorials, seminars, and practical demonstrations for MBBS students across all phases

- Served as organizing committee member for the IAPSM UP-UK State Chapter Conference held at AIIMS Gorakhpur (November 2023) — coordinated academic sessions, delegate engagement, and event logistics
- Maintained program-level records and MIS data for national health schemes operational in the field practice area
- Supported departmental research activities and contributed to publications in peer-reviewed journals during this tenure

Senior Resident – Community Medicine | 12 September 2023 – 6 November 2023 (55 days)

Dr. Ram Manohar Lohia Institute of Medical Sciences (RMLIMS), Lucknow, Uttar Pradesh

- Completed initial Senior Residency tenure at a premier state medical institution, gaining exposure to high-volume tertiary care community medicine operations in an urban setting
- Assisted in OPD and department activities, field area supervision, and national health program implementation under senior faculty guidance
- Participated in departmental academic and administrative functions during the tenure

Junior Resident (MD Postgraduate) – Community Medicine | 2020 – 2023 (3 years)

All India Institute of Medical Sciences (AIIMS), Jodhpur, Rajasthan

- Family Medicine OPD: Regular clinical duties — triaging patients, detailed history taking, clinical examination, management of acute and chronic conditions, and appropriate referrals; exposure to a diverse patient population from rural Rajasthan
- MD Thesis (ICMR-funded): Conducted a nationally funded research study on Water, Sanitation and Hygiene (WASH) practices in rural health facilities of Jodhpur District — involved systematic facility-level audits, structured field observations, data collection tools design, intervention through supportive supervision, and outcome documentation; published in BMC Health Services Research (2025)
- NCD Risk Prediction Research: Co-investigator in studies validating IDRS and CBAC as metabolic syndrome prediction tools — rural community data collection, statistical analysis, and manuscript preparation (PLoS ONE, 2023)
- Field postings in rural and urban field practice areas — household surveys, VHNDs, NTEP activities (sputum collection, DOTS supervision, defaulter tracing), NTCP and NVBDCP field operations
- Teaching responsibilities: Conducted tutorials, seminars, and practical sessions for MBBS undergraduates; served as quiz master for UG and PG quizzes on tuberculosis, substance abuse, and nutrition
- Resource person for Research Methodology Workshops (SRMA, mixed methods, Epicollect, regression analysis) for postgraduate students at AIIMS Jodhpur and affiliated institutions
- Participated in WASH High-End Workshop, Implementation Research training, NTEP, NTCP, and NVHCP national program certification courses

Compulsory Rotating Medical Internship | 2019 – 2020

Sri Venkateshwara Medical College and Research Centre, Pondicherry

- Completed mandatory clinical rotations across Medicine, Surgery, Obstetrics & Gynaecology, Paediatrics, Orthopaedics, ENT, Ophthalmology, Psychiatry, and Community Medicine
- Community Medicine posting: Field duties at rural health centre — household surveys, immunization sessions, ANC clinics, school health programs, and disease surveillance activities
- Assisted in OPD consultations and ward management under senior faculty supervision across all clinical departments

AWARDS & RECOGNITION

★ IAPSM Young Talent Award — National Level

Indian Association of Preventive and Social Medicine (IAPSM) | February 2026

Awarded at the National IAPSM level in recognition of outstanding contributions to the specialty of Community Medicine and Preventive and Social Medicine, encompassing research publications, national program involvement, academic activities, and extramural-funded research.

- ICMR MD-Thesis Grant Recipient — Competitively awarded by the Indian Council of Medical Research (ICMR) for MD thesis titled 'Water, Sanitation and Hygiene (WASH) practices in rural health facilities of Jodhpur District: an intervention through supportive supervision'; grant covered field research, data collection, and intervention costs; findings published in BMC Health Services Research (2025)
- State-Level NQAS Assessor — Puducherry, National Quality Assurance Standards, Government of India / Ministry of Health, Appointed as assessor for evaluating public health facilities against national quality benchmarks in the state of Puducherry

Grants and Funded projects

As Principal investigator

- ICMR MD Thesis grant titled 'Water, Sanitation and Hygiene (WASH) practices in rural health facilities of Jodhpur District: an intervention through supportive supervision'
- MAMTA Research Scholarship Excellence Awards in Adolescent Health, 2026–27 grant titled Mind Mates: Building and Piloting Peer Mental Health First Responders in Government and Private Schools of Puducherry- A Quasi-experimental study

As Co-PI

- ICMR-MRHU funded project on Assessment of Menstrual Irregularities and Their Association with Body Composition and Metabolic Parameters Among Adolescent School Girls in Puducherry
- St Christopher Hospice, Australia funded project on Exploring Death Literacy among Health Care Providers and Community Members: A Mixed-Methods Study in Puducherry, India
- PACS funded project on Status and Determinants of Cross referral between National Tuberculosis Elimination Program (NTEP) and National AIDS Control Program (NACP) in Puducherry.
- PACS funded project on Study to Address Linkage Loss in NACP Programme

EDUCATION

2024	DNB – Community Medicine	National Board of Examinations in Medical Sciences (NBEMS)
2020–2023	MD – Community Medicine	All India Institute of Medical Sciences (AIIMS), Jodhpur
2014–2020	MBBS	Sri Venkateshwaraa Medical College and Research Centre, Pondicherry

TRAINING, WORKSHOPS & RESOURCE PERSON ACTIVITIES

A. Resource Person — Research Methodology Workshops

- Research Methodology Workshop for Postgraduate Students — served as faculty/resource person covering study design, data collection tools, and statistical analysis for MD/MS students at IGM&RI and affiliated institutions
- Mixed Methods Research Workshop — conducted sessions on integration of qualitative and quantitative research approaches, data triangulation, and interpretation for health research
- Epicollect5 Training — hands-on training for PG students on mobile-based data collection using the Epicollect5 platform; covered form design, field data entry, and data export for public health surveys
- Jamovi Workshop — facilitated training sessions on Jamovi (open-source statistical software) for biostatistical analysis including descriptive statistics, t-tests, ANOVA, regression, and non-parametric tests for health researchers

- Questionnaire Validation Workshop — trained participants in the methodology of questionnaire development and validation including content validity, face validity, pilot testing, internal consistency (Cronbach's alpha), and exploratory factor analysis

B. National Program Trainer

- NVHCP Training — conducted training sessions for medical officers and pharmacists under the National Viral Hepatitis Control Programme; covered program guidelines, patient identification, treatment protocols, and documentation
- NTEP Training — trained medical officers on Nikshay portal, TB case notification, DOTS supervision, contact tracing, and drug-resistant TB referral pathways
- NTCP Training — conducted sessions for medical officers on NCD screening protocols, CBAC tool usage, and population-level risk assessment under the National Tobacco Control Programme

C. Workshops Attended

Research Methods

- Systematic Review & Meta-analysis (SRMA)
- Diagnostic Test Accuracy (SRMA-DTA)
- Mixed Methods Research
- Regression Analysis
- Implementation Research

Public Health Programs & Schemes

- NTEP Training for Medical Officers
- NTCP Training for Medical Officers
- NVHCP Training
- WASH High-End Workshop
- Problem Solving in Public Health
- Basic Course in Palliative Medicine

PUBLICATIONS

33 peer-reviewed indexed publications | h-index: 14 (Google Scholar) | Journals include The Lancet, The Lancet Public Health, The Lancet Neurology, The Lancet HIV, BMC Health Services Research, PLoS ONE, Indian Journal of Community Medicine, Cureus, and others.

1. Gupta M, Dutta G, G Sridevi, Raghav P, Goel A, Bhardwaj P, Saurabh S, Srikanth S, Naveen KH, Thirunavukkarasu P, Rustagi N, Sharma PP. Application of Indian Diabetic Risk Score (IDRS) and Community Based Assessment Checklist (CBAC) as Metabolic Syndrome prediction tools. PloS One. 2023;18:e0283263. doi:10.1371/journal.pone.0283263.
2. Gupta N, Gupta M, Joshi N, Mantri N, Sridevi G, Patel M, Goel A, Singh K, Garg MK, Bhardwaj P. Is telemedicine a holy grail in healthcare policy: clinicians' and patients' perspectives from an Apex Institution in Western India. BMC Health Services Research. 2023;23. doi:10.1186/s12913-022-09013-y.
3. Gupta M, Raghav P, Tanvir T, Gautam V, Mehto A, Choudhary Y, Mittal A, Singh G, Singh G, Baskaran P, V R R, Jabbar S, Sridevi S, Goel A, Bhardwaj P, Saurabh S, Srikanth S, Naveen KH, Thirunavukkarasu P, Sharma PP. Recalibrating the Non-Communicable Diseases risk prediction tools for the rural population of Western India. BMC Public Health. 2022;22. doi:10.1186/s12889-022-12783-z.
4. Mahajan D, Gupta M, Mantri N, Joshi N, Gnanasekar Sridevi, Goel A, Srinivasan S, Gonade N, Sharma S, Garg MK, Bhardwaj P. Musculoskeletal disorders among doctors and nursing officers: an occupational hazard of overstrained healthcare delivery system in western Rajasthan, India. BMC Musculoskeletal Disorders. 2023;24. doi:10.1186/s12891-023-06457.
5. Gnanasekaran S, Jayaraj V, V B Y, Selvam MP, Rajendran V. Evaluating the efficacy of nasal irrigation in postoperative functional endoscopic sinus surgery patients: a systematic review and meta-analysis. Eur Arch Otorhinolaryngol. 2024 Mar 16. doi:10.1007/s00405-024-08535-x. PMID: 38492009.
6. Jayaraj V, Gnanasekaran S, Vb Y, Palani Selvam M, Rajendran N, Dutta G, et al. Estimating the prevalence of intrinsic capacity decline: A systematic review and meta-analysis using WHO's integrated care of older people (ICOPE) screening tool. Archives of Gerontology and Geriatrics Plus. 2024 Sep 1;1(3):100032.
7. GBD 2021 Risk Factors Collaborators. Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. The Lancet. 2024. doi:10.1016/S0140-6736(24)00933-4.

8. Bashar MA, Gnanasekaran S. Recent Surge in Mumps Cases in India: Need for Urgent Remedial Measures. *Indian Pediatrics*. 2024. doi:10.1007/s13312-024-3162-8.
9. Gnanasekaran S, et al. A comprehensive evaluation of water, sanitation and hygiene (WASH) in health facilities: a systematic review and meta-analysis. *Journal of Hospital Infection*. 2024. doi:10.1016/S0195-6701(24)00248-2.
10. Varuni, et al. Assessment of self-esteem and quality of life in patients with transtibial amputations using an exoskeletal prosthesis. *PM&R*. 2024. doi:10.1002/pmrj.13191.
11. Narasimman VR, Bakthavachalam R, Gopal R, M P, J A, Sharma MK, Parai S, Gnanasekaran S. Clinical outcomes of interim PET-CT scan-guided response-adaptive therapy in advanced Hodgkin's lymphoma: a tertiary cancer centre experience from South India. *International Journal of Research in Medical Sciences*. 2024. doi:10.18203/2320-6012.ijrms20243767.
12. GBD 2021 Tobacco Forecasting Collaborators. Forecasting the effects of smoking prevalence scenarios on years of life lost and life expectancy from 2022 to 2050: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet Public Health*. 2024 Oct;9(10):e729-e744. doi:10.1016/S2468-2667(24)00166-X. PMID: 39366729.
13. Bashar MA, Gnanasekaran S. Inclusion of HPV Testing for Cervical Cancer Screening Under Programmatic Settings in India: Pros and Cons. *Indian J Gynecol Oncolog*. 2024;22:118. doi:10.1007/s40944-024-00876-z.
14. Feigin VL, et al. Global, regional, and national burden of stroke and its risk factors, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *The Lancet Neurology*. 2024;23(10):973-1003.
15. Bryazka D, et al. Forecasting the effects of smoking prevalence scenarios on years of life lost and life expectancy from 2022 to 2050: a systematic analysis for the Global Burden of Disease Study 2021. *The Lancet Public Health*. 2024;9(10):e729-e744.
16. Gnanasekaran S, et al. The National Urban Health Mission (NUHM): Impact, Challenges, and Future Directions for Urban Health Care. *JEFI*. 2024 Dec 31;2(4):152-156.
17. Carter A, et al. Global, regional, and national burden of HIV/AIDS, 1990-2021, and forecasts to 2050, for 204 countries and territories: the Global Burden of Disease Study 2021. *The Lancet HIV*. 2024;11(12):e807-e822.
18. Feigin VL, et al. Global, regional, and national burden of stroke and its risk factors, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *The Lancet Neurology*. 2024;23(10):973-1003.
19. Kar S, Bashar A, Gnanasekaran S, Jayasree AK, Indu PS, Srivastava K. Role of Gender Equity and Disability Inclusion to Help Achieve the Larger Cause of Health for All and Attain SDG 2030 by India. *Indian Journal of Community Medicine*. 2024;49(Suppl 2):S153-S158. doi:10.4103/ijcm.ijcm_751_24.
20. Shambushankar AK, Jose J, Gnanasekaran S, et al. Cost-Effectiveness of Telerehabilitation Compared to Traditional In-Person Rehabilitation: A Systematic Review and Meta-Analysis. *Cureus*. 2025 Feb 14;17(2):e79028. doi:10.7759/cureus.79028.
21. Gnanasekaran S, Bashar A, Rajan AK, Prabhat P. Emerging threat of Human Metapneumovirus (HMPV) and strategies for its containment and control. *Infect Genet Evol*. 2025;131:105758. doi:10.1016/j.meegid.2025.105758.
22. Gnanasekaran S, Gupta MK, Goel AD, et al. Water, sanitation and infection control practices in rural health facilities of Jodhpur District, India: an intervention through supportive supervision. *BMC Health Services Research*. 2025;25:1171. doi:10.1186/s12913-025-12689-7. [ICMR-funded MD Thesis]
23. Mathiyalagen P, Rajagopal A, Vasudevan K, Gnanasekaran S, Burugina Nagaraja S, Bora J, et al. Hypertension screening across different age groups in Indian adults: Evidence from nationally representative cross-sectional data. *PLoS One*. 2025;20(10):e0332226. doi:10.1371/journal.pone.0332226.
24. Gnanasekaran S, Murugan V, Venkataraman S, Rajendran V, Vinothini J, Vasudevan K. Bibliometric Insights into Human Metapneumovirus Interventions: Trends, Gaps, and Future Directions. *Disaster Medicine and Public Health Preparedness*. 2025;19:e238. doi:10.1017/dmp.2025.10175.
25. Dixit AM, Hada V, Rath RS, Kharya P, Gnanasekaran S, Koparkar AR, Joshi HS. Prevalence of Parasitic Infection and its Determinants Among Children Aged 6-13 Years in Rural Areas of Gorakhpur. *Indian Journal of Community Medicine*. 2025. doi:10.4103/ijcm.ijcm_389_24.
26. Bashar MA, Begam N, Gnanasekaran S. Elderly Loneliness: A Growing Public Health Challenge. In: *Loneliness - The Ultimate Suffering in Modern Society*. IntechOpen; 2025. doi:10.5772/intechopen.1011160.
27. Oh, J., Kim, S., Yim, Y. et al. Global, regional, and national burden of chronic respiratory diseases and impact of the COVID-19 pandemic, 1990–2023: a Global Burden of Disease study. *Nat Med* 32, 197–223 (2026). <https://doi.org/10.1038/s41591-025-04077-9>
28. Shekhawat, Raghvendra Singh; Panwar, Rahul; Rao, Meenakshi1; Meshram, Vikas Premlal; Kumar, Meena Suresh; Gnanasekaran, Sridevi2; Rathore, Mohini3; Kanchan, Tanuj. A Comparative Analysis of the Efficacy of CD117 and Special Stains as Indicators of Mechanical Asphyxial Deaths. *Annals of African Medicine* ():10.4103/aam.aam_377_25, February 06, 2026. | DOI: 10.4103/aam.aam_377_25
29. Gnanasekaran, Sridevi; Gupta, Manoj Kumar1; Jayaraj, Vinothini2; Mohan, Geetha3; Rajendran, Vinoth. Distribution and Determinants of Anemia Among Reproductive Age Group Women in India: An Insight From the Fifth Round of the National Family Health Survey (2019–21). *Indian Journal of Community Medicine* 51(2):p 305-313, Mar–Apr 2026. | DOI: 10.4103/ijcm.ijcm_429_24
30. Sirota S, Bender R, Dominguez R et al. Global, regional, and national burden of meningitis, its risk factors, and aetiologies, 1990–2023: a systematic analysis for the Global Burden of Disease Study 2023. *The Lancet Neurology*, 2026; 25, 451-468

31. GBD 2023 IHD & Dietary Risk Factors Collaborators. Global, regional and national burden of ischemic heart disease attributable to suboptimal diet, 1990–2023: a Global Burden of Disease study. Nat Med 32, 1454–1478 (2026). <https://doi.org/10.1038/s41591-026-04250-8>
32. Radhakrishnan, A.S., Murugan, V., Mathiyalagen, P. et al. Active screening for pulmonary tuberculosis among migrant workers and their families residing in Puducherry. Discov Public Health 23, 585 (2026). <https://doi.org/10.1186/s12982-026-01920-3>

PROFESSIONAL MEMBERSHIPS

- Life Member — Indian Association of Preventive and Social Medicine (IAPSM)
- Life Member — Indian Public Health Association (IPHA)
- Life Member — Epidemiology Foundation of India (EFI)

AREAS OF EXPERTISE

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| ▪ Non-communicable disease surveillance and risk tools | ▪ WASH in healthcare facilities audit and quality improvement |
| ▪ Tuberculosis (NTEP) and communicable disease programs | ▪ NFHS survey analysis and population health data |
| ▪ Reproductive, maternal, newborn and child health (RMNCH) | ▪ Systematic review and meta-analysis |
| ▪ Vector-borne disease control (NVBDCP) | ▪ Immunization program monitoring |
| ▪ Integrated care for older people (ICOPE) | ▪ Anemia and maternal nutrition surveillance |
| | ▪ Palliative care |

Declaration

I hereby solemnly declare that the information provided above is true to the best of my knowledge and belief.

Dr. Sridevi G