Dr. R. Parthasarathi, MBBS, MD
(Community Medicine)

Associate Professor, Department of Community Medicine
K.A.P. Viswanatham Government Medical College, Trichy
Location: Tamil Nadu, India

Professional Summary

A dedicated medical educator, researcher, and AI integration specialist with over **10 years of teaching experience** in **community medicine, epidemiological research, biostatistics, and 2 years of experience** in **AI-driven medical Research & Education**. Passionate about leveraging artificial intelligence (AI) for medical research and education, I have trained over **2800+ medical researchers and educators** in AI applications and continue to pioneer AI literacy initiatives in healthcare.

Education

MBBS — *Thanjavur Medical College, Tamil Nadu (2003-2009)*

MD (Community Medicine) — *All India Institute of Hygiene and Public Health, Kolkata (2011-2014)*

Areas of Expertise

✓ Artificial Intelligence in Research
✓ Artificial Intelligence in Medical Education
✓ Medical Education (MEU Member, ACME completed)
✓ Epidemiological Studies & Biostatistics
✓ Scientific Research Writing
✓ Data Science & AI Applications in Healthcare
✓ Workshop Facilitation & Faculty Development

Professional Experience

Associate Professor – Community Medicine

K.A.P. Viswanatham Government Medical College, Trichy
2020 – Present

- Mentored **postgraduate and undergraduate medical students** in research methodology, epidemiology, and biostatistics.

- Published **10 research articles** in **national and international journals**.

- Served as **investigator** in a UNICEF project on **assessment of ANM training centers in Tamil Nadu (2017)**.

- Evaluator for **Sub-national certification for elimination of TB (NTEP), Trichy District (2023)**.

Training & Certifications

Fundamentals of Biostatistics & Epidemiology

SPSS, Multiple Linear & Logistic Regression, Survival Analysis

Advanced Online Courses in Data Science & AI Applications

Generative AI in Education by University of Glasgow

AI in Education: ChatGPT for Teaching by University of Pennsylvania

Pursuing AI in Healthcare course by Stanford University

Google AI Prompting Essentials

ACME (Advanced Course in Medical Education) Graduate from JIPMER, Puducherry

"Certificate course on evidence-based diabetes management (CCEBDM)" recognized by International Diabetes federation (IDF).

Workshops & AI Integration in Medical Research & Education

Keynote & Speaker Engagements

Speaker – Online Workshop on AI for PowerPoint in Medical Education
🏛 Organized by **TADCOM**, attended by **250+ participants** (March 2024).

Keynote Speaker – CME, Madurai Medical College
🏛 Delivered a session on **AI Tools for Medical Education** to **300+ participants** (April 2024).

Presenter – Hybrid CME, Coimbatore Medical College
🏛 Addressed **100 offline & 450 online participants** on **AI in Medical Education & Research + Ethical Implications** (May 2024).

Resource Person – Hands-on AI Workshop, Velammal Medical College, Madurai
🏛 Trained **60+ participants** on **AI Tools for Medical Research** (August 2024).

Workshops & AI Training Leadership

Founder, Director – AIMER Consortium
Website: https://aimerconsortium.in/
🏛 Established a community of 300+ medical faculty dedicated to AI-driven medical education, organizing monthly online workshops.

✈ **Organizer – "MED-SMART Hands-on AI for Medical Teaching Workshop"**
🏛 Conducted at Karpagam Faculty of Medical Sciences & Research (May 2024).

✈ **Organizer – BRAINER: Bridging Research & AI for Next-Gen Educational Reforms**
🏛 Conducted six editions (both offline and online), training 800+ faculty from over 10 Indian states, including international participants.

✈ **Organizer – TRAINER: Technology-Driven AI for Innovative Educational Reforms**
🏛 Led four editions (offline and online), training 400+ medical faculty across multiple Indian states.

Invited AI Workshops & Conferences

✈ **AI for Medical Research** *(Precon Workshop, COHERE Conference, KMCH, Coimbatore, Dec 2024)*

✈ **AI for Academic Research** *(PSG, Coimbatore, Jan 2025)*

✈ **AI for Clinical Research by Delhi Orthopedics Association** *(Railway Hospital, New*

Delhi, Feb 2025)

🛬 **AI in Medical Education** *(KVGMCH, Sullia, Feb 2025)*

🛬 **AI for Personalised Nutrition in Second National Conference on Nutrition & Health by** AIIMS, Mangalagiri in September,2024

🛬 **MIRAGE: Medical Integration of AI-Guided Research & Education** *(GMC, Manjeri, Feb 2025)*

🛬 **AI in Medical Education: A Sizzler** *(Sierra Meducatum, Nilgiris Medical College, Ooty, March 2025)*

🛬 **AI in Medical Education** *(SLIMS, Puducherry)*

🛬 **TITAN AI for Medical Education Workshop** *(GMC, Thrissur)*

Upcoming workshops:

🛬 **MAVERIC-Research & Education** *(Madras Medical College, Chennai, March 22,23 2025,*

 IGNITE 2025: Integrating Generative AI for Novel Innovations in Teaching, Education and Research at Indira Gandhi Medical College & Research Institute, Puducherry

 VIBRANT 2025: VERSATILE INNOVATIONS IN BRIDGING AI FOR NEXTGEN TEACHING at Swami Vivekananda Medical College & Research Institute, Tiruchengode

 AI for Research 2025 at TRICHY SRM Medical College, Trichy

Research & Publications

 Published 10+ research articles in peer-reviewed national and international journals. Ongoing research in **AI integration in medical education**.

Public Health & Research Contributions

✓ Monitoring & Evaluation of Health Programs:

- Pulse Polio Immunization

- Reproductive, Maternal, Newborn, Child & Adolescent Health (RMNCH+A)

- Integrated Management of Neonatal and Childhood Illness (IMNCI)

- Revised National TB Control Program (RNTCP)

- Mass Drug Administration (MDA) for Filariasis

✓ Evaluator – Sub-national TB Elimination Certification, Trichy (2023)

✓ Investigator – UNICEF Project on ANM Training Centers (2017)

Technical Skills

▤ AI & Data Science in Medical Research

    SPSS, Biostatistics, and Epidemiological Modeling

    Medical Writing & Research Paper Development

    AI for PowerPoint & Teaching Aids in Medical Education

Professional Memberships & Affiliations

⤫ Medical Education Unit (MEU), K.A.P.V. Government Medical College

⤫ Member of Indian Public Health Association (IPHA)

⤫ Member of Indian Academy of Preventive & Social Medicine (IAPSM)

⤫ Member of Academy of Health Professions Educators (AHPE)

⤫ Member of Indian Medical Association (IMA)

Languages

⤫ **English -** Fluent

⤫ **Tamil -** Native

⤫ **Bengali** – limited fluency

⤫ **Hindi** –limited fluency

⤫ **Telugu** –limited fluency

References

    Available upon request.