

Dr. Vijayalakshmi S



Dr. Vijayalakshmi S
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SUMMARY

Structured academic professional illustrating a strong history of positive student learning outcomes fostered through creative curriculum delivery. Skilled in sparking thought-provoking discussions to increase student participation and increase information retention. Seeking a role that will leverage 9 years of teaching experience and a strong sense of academic integrity. Dynamic Educator well-versed in Research methodology, statistics, and clinical management. Dedicated Professor, of Community Medicine with demonstrated expertise in Maternal and Child Health, Adolescent health research, Medical Education, and scholarship. Author of 18 works published in peer-reviewed publications. Motivated to foster development in students through creative curriculum development and lectures. Skilled in IBM SPSS, STATA-Software, Quantum GIS, and Microsoft Excel. Strong education professional with a Doctor of Medicine - MD focused in Community Medicine from Mahatma Gandhi Medical College and Research Institute.

EDUCATION AND TRAINING

Course	Institution	University	Year of passing	Percentages
Ph.D. Medical Education	Institute of Health Professions Education	SBV University, Puducherry, India	Ongoing	
Fellowship in Health Professions Education	Institute of Health Professions Education, SBV University, Puducherry, India	SBV University, Puducherry	2022	9.35 (Grade)
M.D (Community Medicine)	Mahatma Gandhi Medical College Research Institute, Pondicherry, India	Sri Balaji Vidyapeeth University	2014	67%
PGDFM	Christian Medical College, Vellore	Christian Medical College, Vellore	2011	70%
M.B.B.S.,	Vinayaka Mission Medical College, Karaikal, Pondicherry, India	Pondicherry University	2009	68%
H.Sc.,	Krishnaswamy Memorial Matriculation Hr. Sec., School, Cuddalore, Tamilnadu, India	Tamilnadu	2002-2003	87.7%
S.S.LC.,	Immaculate Girls Higher Sec. School, Pondicherry, India	Pondicherry	2000-2001	84%

Completed online certificate courses on

- Health in Numbers: Quantitative methods in clinical Public Health Research- Harvard University
- Case based introduction to Biostatistics- John Hopkins University
- Antenatal Care- John Hopkins, Bloomberg School of Public Health
- Diarrheal Disease- John Hopkins, Bloomberg School of Public Health
- Emerging Obstetric & Newborn Care- John Hopkins, Bloomberg School of Public Health
- Essential Newborn Care- John Hopkins, Bloomberg School of Public Health
- Integrated Early Childhood Development Programming for Young Vulnerable Children- John Hopkins, Bloomberg School of Public Health
- Mother to Child Transmission of HIV- John Hopkins, Bloomberg School of Public Health
- Certificate in Communication Skills for Health Professions Education- Institute of Health Professions Education, SBV University, Puducherry, India

EXPERIENCE

Period	Place	Designation	Courses handled
3 rd April 2022- till date	Dhanalakshmi Srinivasar Medical College and Hospital, Perambalur, Tamilnadu, India	Professor	MBBS, MD
22 nd Jan 2021- 2 nd April 2022	Sri Venkateshwara Medical College Hospital Research Centre, Pondicherry, India	Associate Professor	MBBS, MD
22 nd Jan 2019- 18 Jan 2021	Dhanalakshmi Srinivasar Medical College and Hospital, Perambalur, Tamilnadu, India	Associate Professor	MBBS, MD
1 st June 2016- 21 st Jan 2019	Vinayaka Mission Medical College and Hospital, Karaikal, Puducherry, India	Assistant Professor	MBBS
2 nd June 2014 - May 2016	Mahatma Gandhi Medical College and Research Institute, Puducherry, India	Assistant Professor	MBBS, MD
2011-2014	MGMC&RI, Puducherry, India	Tutor / PG Student	MBBS
2010-2011	CHC, Karikalampakkam, Puducherry, India	Medical Officer	- ---

MEMBERSHIP

Indian Association of Preventive and Social Medicine

(Life Member IAPSM L-2200)

LANGUAGES known

ENGLISH

TAMIL

FACULTY DEVELOPMENT PROGRAMME

Conferences/ CMEs/ Workshops/ Orientation programmes/ Webinar attended- 55

Software's

Skilled in IBM SPSS, STATA- Software, Quantum GIS, Microsoft Excel.

Patent Applied:

Early Tactile Sensitivity Screening Assay of Peripheral Neuropathy among Type 2 Diabetic Mellitus Patients

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1. Bio-Medical Waste Management-Syndicate method of teaching learning among undergraduate medical students
2. Fish Herringbone Model of theory practice gap in Health Professions Education
3. Medical Quality Audit by Medical Students (M-

Skills in Medical Education

- Member of MEU in DSMCH- Resource person for the FDP on RBCW/ CISP-II/ PBL/ OSPE/OSCE/ Small group teachings/ Technology in Medical Education
- Involved in Drafting question papers/ MCQs; pre and post-evaluation of question papers; curriculum development, content, and objective build-up.
- Conducted mock tests, internal assessments, viva-voice, practical and university examinations.
- Created lesson plans and developed instructional materials covering required topics and learning objectives.
- Played a key role in implementing innovative teaching for MBBS students like Problem-based learning and community Diagnosis using epi-info mobile software- During Village Health Survey and Framed OSPE- clinical skill training for MBBS.
- Involved in evaluating and monitoring undergraduate and postgraduate students and coordinator for the Postgraduate training program in Community Medicine.
- As been a part of Designing and implementing Basic Research Methodology training modules for undergraduates and post-graduates. Guided undergraduates, CRRIS, PGs, and faculties research works.
- Key member in organizing conferences, workshops, quizzes, research methodology, and data management workshops.
- Supported and participated in college accreditation initiatives like NAAC and was in charge of college co-ordinator for NAAC in DSMCH College.

CONFERENCES & CME ORGANIZED / FACILITATED

- Organized National CME on Ageing and Health on 22nd Nov 2012 at MGM&RI, Pondicherry
- Organized International conference on climate change and health on 9th Jan 2015 at SBV University, MGM&RI, Pondicherry
- Organized Research methodology on 16/9/2016 at VMMC&H, Karaikal

- Organized CME Update on Tuberculosis on 14/7/2018 at VMMC&H, Karaikal
- Organized and facilitated a Workshop on Research in 3 days for 2nd year MBBS students on 22 -24 March 2019 at DSMCH
- Organized and facilitated a Workshop on Research in 3 days for final year MBBS students on 20-23- July 2019 at DSMCH
- Organized and facilitated CRISP- II - Workshop in research methodology on 6th - 11th August 2019 at DSMCH
- Organized CME on ELECTRIC- on December 2019 at DSMCH
- Organized CME on CRISP-3.0 at 17th December 2022
- Organized and facilitated Revised Basic Course Workshop on 13th to 15th February 2023
- Organized and facilitated a Workshop on Research in 3 days PG students on 16-18 February 2023 at DSMCH

PUBLICATIONS:

1. **Vijayalakshmi S**, Prabakaran M, Surendar R, Suganthi S, Rajkumar S, Lokeshmaran. A study on health seeking behavior among gender in rural Puducherry. *Indian journal of Rural Medicine* 2013; 1(4):255.
2. Raghunath E, **Vijayalakshmi S**, Sathagurunath PA. A study of outpatient satisfaction at primary health centers in Puducherry. *The Health Agenda*, Oct, 2013;1(4):118-21.
3. **Vijayalakshmi S**, Patil R, Datta SS, Narayan KA, Stephen F. Feeding Practices and Morbidity Pattern of Infants in a Rural Area of Puducherry-A Follow Up Study. *J Community Med Health Educ* 2014; 4: 304. doi:10.4172/2161-0711.1000304
4. **Vijayalakshmi S**, Patil R, Datta SS. Community-based Study on Newborn Care Practices and its Determinants in Rural Pondicherry, India. *J Neonatal Biol* 2014; 3: 158. doi:10.4172/2167-0897.1000158
5. **Vijayalakshmi S**, Narayan KA, Vaithyanathan P, Ramkumar S. A Goal Unrealized: Patient empowerment on hand hygiene- A Web based survey from India. *JCDR*; 11(4): LC12

6. Ramkumar S, **Vijayalakshmi S**, Seetharaman N, Rahman KM. Self-Medication Practices: An unrealised threat in the country- Community Based Survey from a rural area of Puducherry, South India. *NJRCM*; 6(2):101-7.
7. **Vijayalakshmi S**, Ramkumar S, Rahman KM. A Community based study on alcohol dependence and treatment seeking behaviour among ever alcoholics in a rural area of Puducherry. *NRJCM*; 6(2): 141-5.
8. Ramkumar S, **Vijayalakshmi S**, Seetharaman N, Pajanivel R. Health-related quality of life among tuberculosis patients under Revised National Tuberculosis Control Programme in rural and urban Puducherry. *Indian J of Tuberculosis*; 64(1):14-9.
9. S Ramkumar¹, **S Vijayalakshmi**², P Kanagarajan³, Rajkumar Patil⁴, A Lokeshmaran. Z-Score and CIAF- A Descriptive Measure to Determine Prevalence of Under-Nutrition in Rural School Children, Puducherry, India- *JCDR journal*
10. Rahman KM, Ali KM, **Vijayalakshmi S**, Ramkumar S, Hashmi G. Prevalence of Iron Deficiency Anaemia and its Associated Factors among Reproductive Age Women in a Rural Area of Karaikal, Puducherry, India. *JCDR 2019*; 13(3):LC06-10.
11. Sundaram R, **Srinivasan V**. Participatory training program on HIV/AIDS among anganwadi workers for training adolescent girls: an experience from a rural area of Karaikal, Puducherry, India. *Int J Community Med Public Health* 2020; 7:1921-5.
12. Madhumadhi S, Arthi M, **Vijayalakshmi S**, Vedapriya DR, Janani S. Prevalence of Diabetic Peripheral Neuropathy among Type 2 Diabetes Mellitus Patients in an urban area of Puducherry. *NJRCM*; 2021; 10(2):41-4.
13. S. Ramkumar, **S. Vijayalakshmi**, R. Soundararajan, M. Elakkiyachelvi, E. Elakkiya, S. Fathima. Acceptability and awareness of intrauterine contraceptive devices among reproductive-age women. *Int J Community Med Public Health*. 2021 Oct;8(10):5075-78.
14. **Vijayalakshmi S**. Students as Patients: Effectiveness of Peer Simulation over Traditional Clinical Teaching: A Pragmatic Comparative Study. *Journal of Clinical and Diagnostic Research*. 2022 Jan, Vol-16(Suppl.1): 01-30.

15. Ramkumar S, **Vijayalakshmi S**. Prevalence of Social Phobia and its Determinants among Undergraduate Medical Students of Tamil Nadu, India: A Cross-sectional Study. *Journal of Clinical & Diagnostic Research*. 2023 Feb 1;17(2).
16. Sundaram R, **Vijayalakshmi S**, Rizvana S, Saraboji K, Muthusamy KK, Murugan I, Karunanithi KP, Vijayalakshmi Sr S, kannan Muthusamy K. Risk Assessment of Osteoarthritis Among Geriatric Population in Perambalur District Using the Western Ontario and McMaster Universities Arthritis Index and Katz Index of Independence in Activities of Daily Living: A Cross-Sectional Study. *Cureus*. 2023 May 22;15(5).
17. Ramkumar Sr S, **Vijayalakshmi S**, Rizvana S, Thirumoolan P, Paulraj P, Thirunavukkarasu P, Senthilkumar O, Sundaram R. Hidden Problem of COVID-19: Behavioral Surveillance and Its Preventive Measures Among Rural Adult Population in Tamil Nadu, India. *Cureus*. 2023 Jul 2;15(7).
18. **Vijayalakshmi S**, Ramkumar S, Rajsri TR, Prasanna S, Rueban MP, Anand UP, Parasaran J, Kumar S, Vijayalakshmi Sr S, Sundaram R, Rajsri TR. A Doctor in the House, An Ethical Consideration on Treating Their Family Members: A Mixed-Method Study. *Cureus*. 2023 Aug 27;15(8).

COMPLETED PROJECTS

- A study on booster training for medical interns and their prescription behaviour: Evidence from a teaching medical institution from Pondicherry.
- A cross sectional study of life skills assessment between medical and non-medical students in Tamilnadu
- A cross sectional survey on Nomophobia and its influences on social relationship among final year medical students in DSMC&H, Perambalur.
- Experience of Teaching Community Diagnosis: through a personal Smartphone custom app-based questionnaire in a teaching medical institute, Puducherry
- Assessment of intern doctors to medication prescribing errors in a tertiary hospital in Perambalur

- Anthropometric indices as a predictor of hypertension among rural adult population in Perambalur district, Tamilnadu
- Dual Practice and its Implications on Universal Health Coverage: From Health Professional's Perspective
- Effect of Out-of-Pocket Expenditure on Drug Adherence Among Type II Diabetes Patients in Urban and Rural Area of Perambalur District

PAPERS PRESENTED AT CONFERENCES

- *Booster training of medical interns improves their prescription behavior: Evidence from a teaching medical institution from Pondicherry, South India-* presented at State IAPSM, Puducherry- 2012
- *A study on Quality assurance in patient safety in a teaching Medical Institute-* presented at international conference on Quality Assurance and Patient Safety, MGMCRI - 2012
- *A Study on Needle Stick Injuries among Health Care Workers in a teaching medical institute Pondicherry-* presented at CME on URGENCES CHIRURIGICALES-2013, MGMCRI, Pondicherry
- *A Goal Unrealized: Hand hygiene compliance- A Web based survey-* at IAPSM, Tirupati- 2014
- *Healthy Ageing: Impact of Dimensions of Health on Ageing among Geriatric in Rural area of Perambalur, Tamilnadu-* CME on Geriatrics Health, DSMCH, Perambalur, January 2020
- *Socio Economic and Psychological Impact of Covid-19 Pandemic among adult population in Perambalur District, India-* COVIDCON, Saveetha Medical College and RC, Chennai, Tamilnadu, October 9th 2020
- *Students as Patients: Effectiveness of Peer Simulation over Traditional Clinical Teaching: A Pragmatic Comparative Study-* iCON 2021 - National Conference on Innovations in Health Professions Education, organized by the Medical Education Unit, AVMC, from Nov 17 & 18, 2021.
- *Effectiveness of Collaborative Learning in Enhancing Learning Experience of the Undergraduate Medical Students in the Team-Based Learning Method,* Medical Education Conference (MEDUCON-2021) organized by the Department of Medical Education, JIPMER, Puducherry in association with the Alumni Association of NTTC JIPMER (AANJ) from 2nd to 3rd September 2021

- Acceptance of gamification among Indian Medical Graduates: Structured Equation Model- International Interprofessional Conference at SBV University on 21/01/2023

ONGOING PROJECTS

- Diverse effects of women's employment on fertility and child health- A cross-section study
- Effectiveness of Mobile Health Technology-Based Medical Intervention Apps Supporting Health Care and Nutrition During Pregnancy- Randomized Control Trial- Applied for funding in the Department of Biotechnology, Government of India.

ICMR Funded Project: (Ongoing)

- Traditional Health Education versus Gamification: For improving knowledge on Sexual Health for School-going adolescents in Perambalur district- A Randomized Control Trail.

Ph. D. Thesis topic (Ongoing)

- Comparison between the Traditional and a Gamified Approach in Learning Maternal and Child Health Course- a Randomized Control Study

REFERENCES

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Declaration

I hereby declare that the particulars stated above are true to the best of my knowledge.

Dr. S. Vijayalakshmi