

BIOGRAPHICAL SKETCH

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| Name: | Mrs. Jayachelvi Babu |
| Position Title and Organization: | Senior Lecturer Department of Environmental Health Engineering Faculty of Public Health Sri Ramachandra Institute of Higher Education & Research (Deemed to be University) |
| Email ID: | jayachelvi@ehe.org.in / jayachelvibabu@gmail.com |
| Mobile No: | 98417 32650/8072357488 |

EDUCATIONAL QUALIFICATION

Ph.D.: Assessing Health Risks from Mercury Exposures through Human Bio-Monitoring in Chennai, Tamil Nadu. **(Program registered in 2016; expected to complete by 2020)**

Post Graduation: M.A. (Sociology), 2011 - 2013

Institution/University: Annamalai University, Chidambaram, Tamilnadu

Post Graduation: M.Sc. (Industrial Hygiene & Safety), 2004-2007

Institution/University: Sri Ramachandra University, Chennai, Tamilnadu

Post Graduate Diploma in Medical Laboratory Technology, 1991-1992

Institution/University: Stella Maris College, Chennai

Under Graduation: B.Sc. (Zoology), 1988-1991

Institution/University: Stella Maris College (under Madras University), Chennai

TRAINING

- Clinical Microbiology - underwent advanced level training in immunology and serology
- Bioaerosol standardization technique – worked as a part of a team
- Standardization protocol for sampling & analytical procedure for the determination of fungal biomarkers in indoor environments

CONSULTANCY

- Involved in Industrial Hygiene and Safety practices
- Conducted exposure monitoring and risk assessment in various industrial sectors

RESEARCH:

- Co-Investigator in the project entitled, “Development of a plan for global monitoring of human exposure to and environmental concentrations of Mercury: A pilot survey in India”

Training & Other Programs attended:

- National Seminar on “Advanced Concepts of Toxicokinetics in application to Monitoring & Evaluations of Therapeutic Drugs” at SRU, on 29th January, 2019
- National level workshop on “Minamata Convention and Inventorization of Mercury in India” at IIT, Madras, on 4th & 5th December, 2018
- “Mentoring the Mentors” at SRIHER (DU), on 17th August, 2018
- “Research Methodology and Biostatistics as coursework for Ph.D. candidates” at SRU, on 16th & 17th February, 2017
- “Computer application in Research” at SRU, 18th February, 2017
- “National conference on setting benchmark in teaching & learning through ICT” at CRF, SRU on 5th & 6th February 2016
- “Workshop on Grant and Publication writing” at CRF, SRU on 14th September 2015
- Guest lecture on “Rabies & DPT vaccine production & testing” at Pasteur Institute of India, Conoor on 12th September 2014
- “Application of Pharmacokinetics and Toxicology in Clinical Management: Current methods and emerging tools” at the Dept. EHE/Dept. of Forensic Medicine & Toxicology, SRU on 2nd August 2014
- CME on “Understanding Industrial Health” at Parvathy Hospital, Chromepet on 1st May 2014
- Refresher program on “Research Methodology & Research Ethics” at the Department of Community Medicine, SRU on 25th April, 2014
- National Workshop on “Current concepts and tools in Occupational Health & Safety Risk Assessment” at SRU on 2nd & 3rd November, 2012
- “*Teach the Teacher to Teach program in Chennai*” at the NIE from January 9-13, 2010
- “Promoting Research Ethics Education in India”, Indo-US CITI Workshop on November 24th to 26th 2009

Conference Proceedings:

- **Jayachelvi B**, Saraswathy M, Naveen P, Sankar S “Sampling and analytical protocol for the determination of fungal biomarkers in Indoor environments” – National Conference on Emerging issues in Occupational Health & Safety, ROHC(S)-NIOH-ICMR, Bengaluru, July 2015.
- **Jayachelvi B**, Sankar S, Kalpana B “Bioaerosol Exposure and Health Impact Assessment of Employees working with Metal working fluid” - 56th All India Annual Conference, IPHA, Kochi, February 2012
- **Jayachelvi B**, Sankar S, Kalpana B “Validation study of particulate matter monitor in solid fuel using households – implication for health studies” – APTCON 2008, Chennai, July 2008.
- Suchithra S, Padma Srikanth, Ayyappan R, **Jayachelvi B**, Anupma J Kindo, Ravi A, Sandhya S, Kalpana Balakrishnan, Steinberg R. “Characterisation of fungi in indoor air of hospitals in South Chennai” at National Conference of Indian Association of Medical Microbiologists in XXXII National Conference of Indian Association of Medical Microbiologists at AFMC, Pune, October 2008.
- Padma Srikanth, Ralf Steinberg, **Jayachelvi**, Suchithra S, Ayyappan, Kalpana Balakrishnan “Bioaerosols in Indoor Air of Hospitals and Assessment of Nosocomial Pathogens” IX National Conference of Hospital Infection Control Society of India, at Chandigarh 2007
- Padma Srikanth, Ralf Steinberg, **Jayachelvi**, Suchithra S, Ayyappan, Kalpana Balakrishnan “Bioaerosols in Indoor Air of Hospitals”, National Conference of Indian Association of Medical Microbiologists (MICROCON 2006), Govt Medical College Nagpur 2006