

Dr Kumaravel Ilangovan
Specialist – Primary healthcare and PMJAY linkages

Work Profile at HSTP

- To draft a strategy document on needs and strategies for PMJAY linkages to Primary health care.
- To develop a conceptual framework for PMJAY linkages to Primary health care, designing interventions and pilot testing in a select geographical context through implementation research.
- Responsible for coordination and management of primary healthcare research projects portfolio.

Major Research Interests

Universal Health Coverage, Primary Healthcare, Healthcare Cascade, Public Health Education, Program Evaluation and Implementation research

Key Achievements

- Instrumental in implementing interventions to improve early diagnosis and treatment of Tuberculosis in tribal districts of Gujarat.
- Reviewed WHO-TDR capacity building grants for the University of Witwatersrand-South Africa, University of Beirut-Lebanon and University of Zambia.
- Awarded with a full grant for participation in the Third Global Symposium on Health Systems Research (2014), Capetown, South Africa.
- Only student among 12 candidates awarded with WHO (SORT-IT) course among 83 competitive applicants.
- Distinction in Anatomy and Pharmacology during BDS

Education

- Certification in Implementation and Operational research WHO (SORT-IT) 2013-14
- Master of Public Health (2012-14), Ravenshaw University, Odisha
- Bachelor of Dental Surgery (2005-11), The Tamil Nadu Dr M.G.R Medical University, Tamil Nadu

Brief Bio

Kumaravel is a Public health professional having seven-plus years of experience working with multiple State Public Health Department, Local civic bodies, National Disease Control Programmes in various public health research, evaluations and implementation of health programmes. Before joining HSTP, he was with Jhpeigo, supported Arunachal Pradesh, and implemented the IDSP-Integrated Health Information Platform and public health surveillance portfolio. At ICMR-National Institute of Epidemiology, he was instrumental in setting up of Public health emergency operations centre, telehealth COVID-19 home isolation monitoring programme and in-country validation of EMTCT of HIV efforts in 19 States/UTs in India. Before this, he worked with ICMR – National Institute for Research in Tuberculosis as a Consultant for 12 multi-centric implementation and operational research programs on Tuberculosis/HIV-TB co-infection diagnosis and treatment access in seven states of India. His formative years were with Solidarity and The Action Against the HIV Infection in India, Health Systems Research India Initiative in strengthening social protection scheme access by

HIV/AIDS affected families and the most-at-risk population and evaluating CSR health initiatives by Reliance industries.

Publications

<https://orcid.org/0000-0003-0111-511X>

<https://www.researchgate.net/profile/Kumaravel-Ilangovan>

Peer-reviewed

1. Ilangovan, K., Nagaraja, S. B., Ananthakrishnan, R., Jacob, A. G., Tripathy, J. P., & Tamang, D. (2015). **TB Treatment Delays in Odisha, India: Is It Expected Even after These Many Years of RNTCP Implementation?**. *PloS one*, 10(4), e0125465.
<https://doi.org/10.1371/journal.pone.0125465>
2. Ilangovan K, Nagaraja SB (2019) **Addressing Poverty in India's Revised National Tuberculosis Control Programme: are we failing to harness the opportunities?** *Current Science* 117(02):182-5 <https://www.currentscience.ac.in/Volumes/117/02/0182.pdf>
3. Jahan, N., Rubeshkumar, P., Karuppiah, M., Sambath, I., Sendhilkumar, M., Ilangovan, K., et al. (2021). **Entry and initial spread of COVID-19 in India: Epidemiological analysis of media surveillance data, India, 2020**. *Clinical epidemiology and global health*, 9, 347–354.
<https://doi.org/10.1016/j.cegh.2020.10.008>
4. Sendhilkumar Muthappan, Kumaravel Ilangovan, et al. (2020). **Bibliometric analysis of yoga scientific publications : An analysis of PubMed database 1948 - 2018**, *COLLNET Journal of Scientometrics and Information Management*, 14:2, 301-309, DOI:10.1080/09737766.2021.1913976
5. M J, Rubeshkumar P, Raju M, Sakthivel M, Murali S, Nagarajan R, Sendhilkumar M, Sambath I, Ilangovan K, et al. **Surveillance for face mask compliance, Chennai, Tamil Nadu, India, October-December, 2020**. *PLoS One*. 2021 Sep 24;16(9):e0257739. doi: 10.1371/journal.pone.0257739. PMID: 34559845; PMCID: PMC8462676.
6. Karumanagoundar, K., Raju, M., Ponnaiah, M., Kaur, P., Viswanathan, V., Rubeshkumar, P., Sakthivel, M., Shanmugiah, P., Ganeshkumar, P., Muthusamy, S. K., Sendhilkumar, M., Venkatasamy, V., Sambath, I., Ilangovan, K., et al. (2021). **Secondary attack rate of COVID-19 among contacts and risk factors, Tamil Nadu, March-May 2020: a retrospective cohort study**. *BMJ open*, 11(11), e051491. <https://doi.org/10.1136/bmjopen-2021-051491>

Non-Peer Reviewed Reports

India's Elimination of Mother to Child Transmission of HIV and Syphilis Status in 43 districts of 19 States/UTs – In-country situational assessment report for 2016-18. Data Analysis, Interpretation & First draft was written by me, served as Technical Lead of this project.