



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

POWAI MUMBAI 400076

Job Title: Full Time Epidemiologist

Essential Qualifications & Experience:

- MBBS and MD with 8 years' experience or PhD in Microbiology / Community Medicine/ Infectious Disease / Epidemiology / Public Health with minimum 4 years experience in any major infectious disease programme in India.
- Should have a clear understanding of epidemiologic principles and methods, biostatistical methods, and general public health.
- Should have background knowledge on infectious disease epidemiology, including the following disease areas: malaria, tuberculosis, vaccine preventable diseases and neglected tropical diseases (lymphatic filariasis, visceral leishmaniasis).

Desirable Experience:

1. Should have experience analysing large data sets.
2. Prior knowledge of EpiInfo or other statistical software tools will be desirable.
3. Ability to work in a multicultural team environment
4. Ability to respond to urgent tasks given tight timelines of a project

Job Profile:

- Conduct analytical research to support NDMC researchers in developing statistical models for the transmission of infectious diseases for prediction/forecasting of disease burdens under different interventions.
- Lead systematic reviews with meta-analysis on disease related parameters.
- Provide insights & updates from the national & subnational public health and disease elimination programmes.
- Help in translating programmatic data and asks into modelling parameters.
- Contribute to drafting manuscripts and other knowledge products including presentations, policy briefs etc.
- Any other related tasks assigned by the NDMC PIs.