

Job : Epidemiologist

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Project title: NDMC Phase II: Developing Models to Estimate and Project Disease Burden to Inform Control and/or Elimination Strategies for Priority Diseases in India

About the project: IIT Bombay is the lead institution of the National Disease Modelling Consortium (NDMC). The consortium partners with various institutions across the country for disease modelling research. The consortium aims to develop India-specific disease models to address policy and programmatic questions, to improve disease control and intervention strategies in the country. More information about the consortium can be found at www.ndmconsortium.com

Essential Qualifications & Experience:

MBBS /BVSc/BDS with MD/MVSc/MDS/MPH + 3 years experience

Or

MBBS/BVSc/BDS with MPH/PhD + 3 years experience

Candidate should have:

- Clear understanding of epidemiologic principles and methods, statistical methods, and general public health.
- Background knowledge on infectious disease epidemiology, including the following disease areas: malaria, tuberculosis, vaccine preventable diseases and neglected tropical diseases (lymphatic filariasis, visceral leishmaniasis)
- Should have experience analysing large data sets.
- Prior knowledge of EpiInfo or other statistical software tools will be desirable.

Job Profile:

- Conduct analytical research to support NDMC researchers in developing statistical models for the above mentioned infectious diseases to be utilized for prediction/forecasting of disease burdens.
- Lead and support in conducting systematic reviews and meta-analysis with respect to disease related parameters to be used for the modelling works by the centre.
- Provide insights & updates from the national & subnational public health and disease elimination/control programmes as well as relevant national health programmes of the country.
- Help in translating programmatic data and available disease related secondary data into qualitative insights and aid further converting the same into modelling parameters
- Contribute to drafting manuscripts and other knowledge/dissemination products including presentations, policy briefs, scientific publications etc
- Any other related tasks assigned by the NDMC PIs.

Pay Details: Consolidated salary Rs.93000 p.m. + HRA (if applicable)