

# International Institute of Population Sciences

(Deemed University)

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## Project: "Small area estimates of COVID-19 disease in India: What we missed"

Applications are invited for the following Mumbai-based ad-hoc posts for the project at the International Institute of Population sciences (IIPS)

Position	<b><i>Research Officer (One Position)</i></b>
<b>Essential Qualifications</b>	<ul style="list-style-type: none"><li>A. Master's degree awarded in Statistics/Population Studies/Biostatistics and Demography/Health Statistics.</li><li>B. Knowledge of statistical software: Excel/R software/STATA/SPSS/GIS.</li><li>C. One article/responses/comments/correspondence published in a peer-reviewed (reputed) journal related to demography/health sciences/ public health.</li><li>D. One year experience in statistics/applied statistics/population studies.</li></ul>
<b>Desirable Qualifications</b>	<ul style="list-style-type: none"><li>1. Experience in working with large scale data Census of India, NFHS, LASI etc.</li><li>2. Experience in application of GIS, remote sensing, extraction of spatial data etc.</li><li>3. Excellent command in handling statistical and demographic data analyses etc.</li></ul>
<b>Specific tasks</b>	<ul style="list-style-type: none"><li>a. Works on creating variables and deliverables and ensures timely submission.</li><li>b. Systematic review, meta-analysis and data compilation.</li><li>c. Data curation from large scale surveys: NSSO, NFHS, LASI etc.</li><li>d. Competency in advanced statistical analysis for preparing variables of interest and tables and figures.</li></ul>
<b>Duration</b>	Three months (likely to be extended till the tenure of the project)
<b>Salary</b>	Rs. 40,000/- per month (Consolidated)

Note: Essential qualifications may be relaxed by the selection committee in case of a candidate found exceptionally suitable otherwise.

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Position	<b><i>Senior Research Officer (One Position)</i></b>
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<b>Essential Qualifications:</b>	<ul style="list-style-type: none"> <li>A. Awarded MPhil /awarded PhD degree or pursuing PhD in Statistics/Population Studies</li> <li>B. Knowledge of statistical software: Excel/R software/STATA/SPSS/GIS.</li> <li>C. Application of Small area estimation methods and its application to mortality analysis</li> <li>D. Three articles published in a peer-reviewed (reputed) journal related to demography/health economics/public health/spatial analysis.</li> <li>E. Two years' work experience in statistics/population studies/health economics/public health/geospatial analysis for MPhil degree holders</li> <li>F. No experience required for pursuing PhD or PhD degree holders</li> </ul>
<b>Desirable Qualifications:</b>	<ul style="list-style-type: none"> <li>1. Experience in the application of machine learning methods and other statistical methods</li> <li>2. Experience in working with large scale data NSSO (priority), LASI, COVID19 databases, JHU, World Bank, and other databases.</li> <li>3. Experience in application of GIS, remote sensing, extraction of spatial data etc.</li> <li>4. Excellent command in handling statistical, demographic and spatial data analyses etc.</li> </ul>
<b>Specific tasks</b>	<ul style="list-style-type: none"> <li>a. Takes lead in project activities such as conceptualization, systematic review, meta-analysis, and data analyses.</li> <li>b. Data curation, data management, data compilation and data warehouse</li> <li>c. Verification and validation of variables and indicators</li> <li>d. Advanced statistical analysis for estimation of variables of interest and statistical and geospatial analysis.</li> </ul>
<b>Duration</b>	Three months (likely to be extended till the tenure of the project)
<b>Salary</b>	Rs. 60,000/- per month (Consolidated)

Note: Essential qualifications may be relaxed by the selection committee in case of a candidate found exceptionally suitable otherwise.

This purely temporary position is for a period of three months likely to be extended till the tenure of the project. Interested candidates qualifying the above criteria may send their application along with a short write up (on how he/she will be best fit for the position), updated CV and self-attested copy of documents in support of their qualification and experience to [projectsupportcell@iips.net](mailto:projectsupportcell@iips.net) and CC to [suryakant11@gmail.com](mailto:suryakant11@gmail.com) until by 20<sup>th</sup> September 2021. Date of interview maybe scheduled on 24 September 2021. Applicants should mention the name of the project and post applied (Application for COVID19-SRO-IIPS/COVID19-RO-IIPS) in the subject of the E-mail and application. IIPS reserves all the rights to call for any candidate for interview. Only the shortlisted candidates will be informed and invited for a virtual interview.