

## **Advertisement for Project Position at IIIT Delhi**

Candidates are invited to apply for the post of **Research Assistant (Geospatial Data Analysis and Econometrics)** for a Ministry of Rural Development funded Project.

**No of Positions : 2**

**Project Title** Nationwide assessment of water conservation structure impacts on community resilience using geospatial data analysis - Evaluating the impact of artificial lakes, ponds and tanks on local livelihoods across India

**Project Description** A national-scale economic evaluation of asset creation under a large public works programme with a focus on the water conservation structures by using a mixed-methods approach that comprises geospatial data analysis, qualitative data analysis, causal inference and web development.

**Monthly Remuneration** Rs. 20,000/- per month

### **Essential Qualification & Experience**

#### **Research Assistant (Geospatial Data Analysis)**

- Minimum qualification is a Bachelor degree in computer science/economics/statistics / mathematics and allied areas.
- Experience with geospatial data analysis using ArcGIS, QGIS, R and Python (automating ArcGIS workflows with Python script).
- Experience with data scraping, merging and organising multi-format data using tools such as Python, SQL, Cloud Storage Technologies.
- In addition, the candidate should be aware of causal inference analysis and spatial data modelling using R.
- Experience with Java Script frontends and backend technologies like SQL. Awareness of modern content management systems and content APIs is a plus.
- Experience with collaborative software such as Google Drive, Dropbox and GitHub.
- Good command in English language, presentation skills and an ability to work in teams is desirable.

### **Duration**

Either three months or six months (depending on a successful candidature)

### **Application Process**

Interested candidates are encouraged to apply via the Google Form. In case of any queries/clarifications please write to [rubina@iiitd.ac.in](mailto:rubina@iiitd.ac.in)

**Principal Investigator** : Dr. Gaurav Arora

### **How to Apply**

Candidates shall apply through google form <https://forms.gle/AkPooARp6fAt28xq6> by **20.09.2024 (Friday)**. Only candidates who qualify for an online interview will be notified via email.