



INDIAN INSTITUTE OF MANAGEMENT AHMEDABAD

Requires

RESEARCH ASSOCIATE/ASSISTANT at

BRIJ DISA CENTRE FOR DATA SCIENCE AND ARTIFICIAL INTELLIGENCE

The Brij Disa Centre for Data Science and Artificial Intelligence seeks applications at the Research Associate/Assistant level. The successful candidate will work on topics related to Education, Data Science, Public Policy, and AI.

About the Project: We are currently working with a non-governmental organisation (NGO) that provides support to parents of children, aged between 3-10 years, who attend government schools. The NGO, through its digital platform curates learning content based on the child's learning level and works toward improving a child's FLN (Foundational Literacy and Numeracy) through parental involvement.

The project is focused on utilising existing data, as well as conducting field experiments to identify interventions that will increase parental engagement and ultimately improve learning outcomes for the children.

Job Description: The Research Associate/Assistant is expected to support research on topics/themes that are aligned with the project, for instance, statistics, impact assessment and regression analysis.

Responsibilities include, but are not limited to, involvement in various aspects of the project such as:

- (a) Data Extraction and Pre-processing
- (b) Data Analysis (Linear, Logistic, Probit, and Poisson Regression models; matching techniques including Coarsened Exact Matching (CEM), Propensity Score Matching (PSM), and Nearest Neighbor Matching; and Instrumental Variable (IV) analysis—among others)
- (c) Data Visualization
- (d) Developing sampling strategy for new (upcoming) experiments
- (e) Participating in field visits and data collection efforts (online and off-line)
- (f) Literature review
- (g) Along with research support, the research associate is also expected to help with certain administrative responsibilities at the centre

Required Qualifications and skills:

- (a) A first-class master's degree in a subject closely related to the project- Economics/ Statistics/ Public Policy/ Development Studies
- (b) Proficient in programming languages and statistical softwares such as R, Python, SPSS, Stata, etc.
- (c) Proficiency in SQL

(d) 1-2 years of research experience is preferred

Duration and Location

The position will be initially offered for a period of six months and may be extended depending on performance. The position is based in Ahmedabad. IIMA provides access to the library and computer centre for all Research Associates. If selected, the candidate is expected to manage their own accommodation, outside the IIMA campus which is centrally located within the city of Ahmedabad.

Remuneration: Compensation would be commensurate with qualification and experience and as per IIMA guidelines.

Application: Candidates meeting the above criteria may apply through this [link](#), containing the following materials: 1) a cover letter expressing interest in the position, 2) a detailed CV, 3) one reference latest **by June 10, 2025**. If required, the centre may reach out directly to your reference(s) requesting for reference letters.

Shortlisted candidates will be invited for a telephone, or Zoom/Skype, or in-person interview.

We will only contact candidates shortlisted for interview or/and an online assessment to evaluate proficiency in R/Python/ STATA. We will not send out letters of rejection to other applicants. Emails asking for status updates will not be entertained.