



भारतीय प्रबंध संस्थान बेंगलूर
INDIAN INSTITUTE OF MANAGEMENT
BANGALORE

Job title: Postdoctoral research associate in Prof. Soudeep Deb's Research Group

There is an open position for a postdoctoral research assistant to work on an exciting project titled

“Hybrid-AI Quantile Regression: Combining Nonparametric Statistical Methods and Physics-Informed Neural Networks for Analysing Spatio-temporal Climate Data.”

This project is sponsored by SERB-DST for a joint collaboration between Prof Soudeep Deb from Indian Institute of Management Bangalore (IIM-B), India and Prof Itai Dattner, from University of Haifa, Israel. We are jointly looking for a postdoctoral candidate with a solid understanding of statistics, data science, and computational mathematics. The candidate must have a PhD in a relevant discipline and should be adept in both theoretical derivations and coding. Following are the necessary details for this role.

- This is a one-year-long postdoctoral position (to be renewed for another year based on performance) under joint supervision of Prof Soudeep Deb and Prof Itai Dattner. The position is hosted at the Decision Sciences Area in IIM-B, in their Bannerghatta Road campus (address given below).
- The salary is as per the norms of DST, at Research Associate – Level I role, with potentially additional support for contingency and travel.
- The planned start date is in October/November of 2024 (negotiable).
- The applicant must have a PhD in statistics, mathematics or related disciplines.
- The candidate must have a good command of statistical inference, time series analysis, non-parametric methods, machine learning, neural networks and related topics, as well as strong coding skills (preferably in R and Python).
- Strong communication and writing skills in English are necessary. Prior experience of authoring top quality research papers will put the applicant at an advantageous position.

Interested candidates may send their CV, along with a cover letter explaining why they are suitable for this role, via e-mail to soudeep@iimb.ac.in. Only the applicants who satisfy all of the above-mentioned conditions will be considered for interview. The deadline of applying for this position is 15 October 2024, but interviews will be held at a rolling basis and the call will be closed as soon as a suitable candidate is found. Applicants are strongly advised to check out the research of Prof. Deb (link to the webpage is given below) before sending the application to understand if they will be a good fit in the research group.

Contact details:

Dr. Soudeep Deb
Chairperson, Decision Sciences Area
Associate Professor
Indian Institute of Management Bangalore
Bannerghatta Main Road, Bengaluru, KA, 560076, India.
Email: soudeep@iimb.ac.in | Phone(O): +91 80-26993387
Webpage: <https://soudeepd.github.io/>