

Call for application for Post Doctoral Fellowships (PDF) at Indian Institute of Management Mumbai

Post Doctoral Fellowships Applications are invited with consistently good academic records and interdisciplinary research potential, for 4 (Four) full-time Post Doctoral Fellowships (PDFs) to carry out research in following areas:

- Developing decision support systems using Generative AI, large language models, agentic AI, transformer models and deep learning models.
- Solving complex business problems using LangGraph, LangChain and knowledge graph.
- Supply Chain Optimization and Simulation
- Machine Learning in Operations Management and Supply Chain Networks

These are temporary research positions which may be offered to those who seek to choose research as a profession. The research work during the Post Doctoral period is encouraged to be in interdisciplinary areas of mutual interest to both the Post Doctoral Fellows and the Institute. Post Doctoral Fellow are expected to further enhance the interdisciplinary culture at the Institute.

Applicant's Eligibility

Post Doctoral Fellowships are intended for people normally below 40 years of age. However, for persons from teaching institutions recognized by AICTE/UGC or person sponsored by DSIR recognized industrial organizations, the maximum age limit shall be 45 years.

Post Doctoral Fellowship will be awarded to persons holding Ph.D. degree or equivalent degree Fellows and has published quality research work/patents to their credit.

Short Listing Criteria

- Applicants will be shortlisted based on the weightage on academic record, research experience, research publications and patents. The candidates should have high quality publications in reputed and relevant journals (with a high impact factor, Scopus indexed) related to the above mentioned area. The shortlisted candidates will be invited for an online interaction with the experts and faculty members of the IIM Mumbai.
- The candidates should have good experience of coding, Python & Julia, creating GUI etc. and be well versed with relevant software like CPLEX, SAS, ARENA etc.
- Candidates having a Ph.D. degree from IIM Mumbai are discouraged for the PDF position immediately after completion of their degree, till they gain at least Two-years' experience from another reputed academic institute or industry.

Reservation

- Government of Indian notification for reservation of seats for OBC/SC/ST and age relaxation for SC/ST will apply.
- Candidates admitted under the reserved quota will necessarily have the minimum qualification stated in para 1 & 2 above.

Tenure

- The Post Doctoral Fellowship awarded to a researcher will be for a total period of two years, renewal on a yearly basis.
- The renewal of Fellowship can be made into consideration of the research work carried out in the preceding year by an Assessment Committee.

Fellowship Grant

- The Post Doctoral Fellowship shall carry fixed monthly fellowship of INR 60,000/- (1st Year), INR 65,000/- (2nd year). The Post Doctoral Fellow will also be eligible for non-lapsable contingency grant of Rs. 50,000/- p.a.
- The fellowship for PDF candidate with prior PDF/industrial experience will be decided by the selection committee on a case-to-case basis.
- The extension of PDF fellowship including the proposed enhancement will be evaluated on a yearly basis and need to be approved by the institute assessment committee on recommendation from the concerned Area based on their teaching and research contributions in the previous year (s).

Responsibilities

Post Doctoral Fellows are expected to pursue interdisciplinary research in one of the disciplines of the institute with a Mentor Faculty Member who will essentially perform the role of a collaborator. Developing the research activities of the IIM Mumbai by sustaining a personal research plan independently and/or in collaboration with others as part of a large research team. This will involve identifying sources of funding, submitting funding bids, gaining positive reviews for these, planning and managing the research and supervising and guiding the work of postgraduate and fellow students, Publishing original research in Q1 or equivalent journals, as appropriate. Attending appropriate conferences to disseminate research results for personal development.

Also, the Post Doctoral Fellow shall offer up to 8 hours per week for academic assistance, including teaching, handling of tutorials and guiding laboratory work of students.

Other Facilities

The Post Doctoral Fellow will be provided with accommodation on campus subject to availability and on payment of usual license fee etc. as prescribed to Institute employees. Married Accommodation subject to availability can also be availed, if they are married and having their family staying with them. They will be provided with accommodation in PGP hostels, if they are unmarried.

How to Apply:

Candidates can apply with **cover letter, curriculum vitae, list of publications** (with the soft copies of two most significant publications), **one reference letter, research statement** describing **past research** and **plans for future research** by regular mail to jr.admn.assoc@iimmumbai.ac.in with subject “**Application for PDF at Indian Institute of Management Mumbai**”.

Last date for the application submission on **21st June 2025**.