

Special Call for Institute Post-Doctoral Fellows (PDF) for Cell culture Lab in Central Research Facility

No of positions: 01

IIT(ISM) invites application for the post of IPDF for Cell culture Lab in Central Research Facility (CRF).

Job Description:

- Maintain multiple mammalian cell lines, ability to seed, grow and harvest in adherent and in suspension.
- Good trouble shooting ability with primary cells and cancer cells.
- Preparation of Standard Operating Procedures (SOPs) of cell culture related work and implementation.
- Prepare chemical solutions such as weighing chemicals (both liquid and dry) and mixing components and Preparation of cell culture medium.
- Work independently and efficiently and able to complete tasks within defined time frames.
- Strong hands-on experience on cell related assays like cell viability, cell growth, cytotoxicity, cytocompatibility study, cellular internalization study, handling of fluorescence microscope.

All other terms and conditions for the positions will be applicable to the IPDF.

Eligibility Requirements:

1. PhD degree with Biotechnology/ Microbiology/ Biochemistry/ Zoology/ Chemistry/ Chemical Biology background.
2. Maximum age is 35 years (to be relaxed as per Government of India guideline).
3. PhD holders (within 5 years of completion of PhD) with at least two papers in Journals of repute (SCI/SCIE or Q1/Q2)
4. PhD holders of IIT (ISM) will be eligible to apply after two years from the date of award of PhD.

Role and Responsibilities:

IPDF will be assigned solely to the CRF labs and not to any advisor.

IPDF may collaborate with any faculty member of the institute to pursue her/his research. However, timeshare in this activity should not be more than 20% of the office time.

Amount of Fellowship and other benefits to PDFs will be similar to Institute PDF and is as follows:

Year	Consolidated Fellowship per month (Inclusive of all)
1 st Year	Rs. 60000.00
2 nd Year	Rs. 63000.00
3 rd Year	Rs. 66150.00

A contingency grant of Rs.75000.00

IPDFs may be allowed to attend Conferences subject to availability of Fund in their contingency grant.

Medical benefits: IPDFs and their legal dependents will be provided OPD facility and medicine available in the health Centre with nominal charges (will be deducted every month from her/his fellowship). Indoor hospitalization facilities will also be provided in the health Centre, if necessary. However, reimbursement facility will not be provided to IPDFs and their legal dependents.

30 days leave with fellowship will be provided per year. The leave can be availed on a pro rata basis of the fellowship completed. Leave of IPDFs would be forwarded by the Mentor and would be approved by the Head of the department, while the outstation visit would be approved by the Dean (R&D). Leave record must be maintained by the department.

Maternity/paternity leave as per GoI rules. Leave up to 6 weeks can also be granted for miscarriage including medical termination of pregnancy, if supported by a proper medical certificate. Such leave can be combined with any other leave due and will not entail any loss of financial assistantship.

How to apply:

The interested candidates are requested to apply through email: **pdf@iitism.ac.in** with a subject line: **Application of IPDF for Cell Culture Lab of CRF**

The candidates are requested to submit a detailed proposal along with the latest CV (with publication details).

The last date of receiving application: **15th March 2023 (5 PM)**