



# INDIAN INSTITUTE OF TECHNOLOGY INDORE

DEPARTMENT OF MECHANICAL ENGINEERING  
KHANDWA ROAD, SIMROL, INDORE - 453 552, INDIA

IIT Indore

July 04, 2024

## Advertisement for JRF Position

Applications are invited from motivated and eligible candidates for the position of Junior Research Fellow (JRF) in a research project entitled “**Drug Diffusion Studies in Skin-on-a-Chip Devices: Numerical Simulations and Experiments,**” sponsored by the Science and Engineering Research Board (SERB), Govt. of India.

### About the Project:

The project deals with the diffusion of drugs in skin-on-a-chip devices.

### Last date to apply:

August 30, 2024

### Interviews:

Will be conducted as and when a sufficient number of applications are received.

### Essential Qualifications:

- **B.E/B.Tech or M.E/M.Tech** in Mechanical, Chemical, Aerospace, Biomedical Engineering, or any other relevant branch of Engineering/Technology.  
**Desirable:** Working experience with CFD software.
- **M.Sc/M.Pharm** in Biotechnology, Pharmacy, or other related branches.  
**Desirable:** Knowledge and experience in animal cell culture.

### Other Details:

**Number of Vacancies:** 01 JRF Position

**Fellowship:** Rs. 31,000/month + HRA, as per rules, until March 4, 2025 (Fellowship will be provided as per the funding agency rules).

### How to Apply:

Send your CV to [sdhina@iiti.ac.in](mailto:sdhina@iiti.ac.in) with the subject line “Application for SkinChip Project”.

Also, fill out the Google form at the following link:

**Application Form:** <https://forms.gle/eBbazuYCNiqEa2cP7>

### Details to be included in CV:

Please include the following details in your CV:

- Contact details (address, mobile phone no., email ID)
- Date of birth
- Qualifications
- Research experience and publication details (if any)
- Contact details of two referees
- Complete information of GATE score (year of passing and validity, discipline, score, marks, all India rank)

**Incomplete Applications:**

Incomplete applications may not be considered.

**Shortlisting:**

Only shortlisted candidates will be called for the interview.

**Contacting the PI:**

Contact details of the Principal Investigator (PI) of the project are as follows:

- Prof. Shanmugam Dhinakaran
- Professor, Department of Mechanical Engineering, IIT Indore
- **Email:** [sdhina@iiti.ac.in](mailto:sdhina@iiti.ac.in)
- **Web:** [Prof. Shanmugam Dhinakaran's Profile](<http://people.iiti.ac.in/~sdhina> )