



DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY
(Institute of National Importance)
G T Road Bye pass, Jalandhar -144011, Punjab (India)

Advertisement for Recruitment of Junior Research Fellow in DST-SERB Project

Applications are invited from motivated and eligible candidates for the position of Junior Research Fellow in a **DST-SERB funded project** entitled “**Design and Development of a Highly Efficient Microfluidic Pumping and Mixing Device for Accurate Biochemical Analysis with Deep Learning Method**”. Selected Candidates will be involved in fabrication and performance evaluation of Microfluidic device for biochemical applications.

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| 1 | (a). Name of the Position | Junior Research Fellowship (JRF) |
| | (b). Number of Position | 01 |
| 2 | Department | Instrumentation and Control Engineering |
| 3 | Duration of the JRF position | 03 Years |
| 4 | Consolidated monthly Fellowship/Salary | 1 st and 2 nd Year - (INR 31,000 + HRA) per month 3 rd Year - (INR 35,000 + HRA) per month |
| 5 | <u>Eligibility:</u> Essential Qualifications | M.E/M.Tech - (Microelectronics/Instrumentation/Mechatronics/ Mechanical) and relevant areas. B.E/B.Tech - (Instrumentation/ Mechatronics/ Mechanical or any Relevant Branches) Candidate must have valid GATE score. |
| | Desirable Experience | (i) Candidates with experience on MEMS, NX CAD, ANSYS, MATLAB, AUTOCAD, FEM or COMSOL MULTIPHYSICS, and (ii) Prior experience of working in a cleanroom environment, designing and fabrication of microstructures, will be preferred. |
| 6 | Age limit: | 28 years as on the date of selection, and age relaxation as per DST-SERB and Government of India norms. |
| 7 | Other Benefits | The selected candidate may be registered for Ph.D. at NIT Jalandhar as per the institute norms. |

How to apply:

Interested candidates are required to **send their application in the prescribed application format given below along with detailed CV and photocopies of certificates** in a sealed envelope to **Dr. Sathiya S, Assistant Professor, Department of Instrumentation and Control Engineering, NIT Jalandhar, Punjab – 144011, Mob. No: +91-9944300397, and softcopy of application via e-mail at sathiya@nitj.ac.in** with subject line of email should be “**Application for JRF position in DST-SERB project**”. Please note that your CV should include contact details (address, mobile no., email ID), date of birth, all relevant qualifications, experience, and details of GATE score. **Last date for submission** of soft copy of application through email is **30th April 2022**, and the hard copy of application with all the attested photocopies of supporting documents should reach the above-mentioned address by **5th May 2022, 5.00 PM**. Incomplete applications will be rejected, and only shortlisted candidates will be intimated by email for the online interview

Registrar

3. GATE/CSIR/UGC/LS-NET/Others National Exam Details

| Examination Details | Branch | Year | Valid Up to | Percentile (&Score) | All India Rank |
|----------------------------|---------------|-------------|--------------------|--------------------------------|-----------------------|
| | | | | | |
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4. Professional Experiences (Teaching/Research/Industrial) if any

| Name of Organization | Designation | Nature of Work | From | To |
|-----------------------------|--------------------|-----------------------|-------------|-----------|
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5. List of Research Publication (if any):

6. Technical Skills:

7. Expertise available (Relevant to the DST-SERB project mentioned):

8. Any other Relevant Information:

DECLARATION

I hereby declare that I have carefully read and understood the instructions and particulars on this application and that all entries in this form as well as in the attached sheets are true to the best of my knowledge and belief. If selected for the position, I promise to abide by the rules and regulations of the Institute and instructions issued by SERB-DST from time to time.

Place :.....

Date:

Signature of the Applicant

List of enclosures: