



## Inter University Centre for Teacher Education

Banaras Hindu University, Varanasi.

An Autonomous Institution of University Grants Commission,

Ministry of Education, Govt. of India

Established by University Grants Commission (UGC) under Section 12(ccc) of its act (No. 3 of 1956);

Regulations (establishment and maintenance of Institutions) 1985.

Ref. No. IUCTE/5100/Ac/Project-01/2023

Date: 05 Oct 2023

### Advertisement of Junior Research Fellow (JRF) for DST-SERB Sponsored Project

Applications are invited for the post of Junior Research Fellow (JRF) for DST-SERB sponsored research project. The details of project and post for recruitment are given below:

#### Project Details:

<b>Title of the project</b>	<b>DTFQPM: Deep Thinking Fluorescence Quantitative Phase Microscopy for the automated classification of cancerous cells</b>
<b>Project Duration</b>	02 Years
<b>Principal Investigator</b>	Dr. Gyanendra Singh, Assistant Professor Physical Sciences, IUCTE, BHU, Varanasi

#### Detail of the Post:

<b>Name of Post:</b>	Junior Research Fellow (JRF)
<b>Number of Posts:</b>	One (01)
<b>Monthly Emolument:</b>	Rs. 31,000/- + 16% HRA (for two years)
<b>Essential Qualification:</b>	M.Tech./M.E./M.S./M.Sc. degree in Physics, Instrumentation, Electronics, Biomedical Engineering or equivalent streams in relevant areas with first class, with a qualified GATE score.
<b>Desirable Qualification:</b>	<ul style="list-style-type: none"><li>• Good academic record and knowledge in the relevant area (Digital image processing, Machine learning, MATLAB and Python programming) and prior work experience in the area of Biomedical Image Processing.</li><li>• Preference will be given to the candidate having related experience in the field of Bio-photonics.</li></ul>
<b>Job Role and Skill Requirements:</b>	<ul style="list-style-type: none"><li>• Development of an optical microscope</li><li>• Developing Image Processing and Machine Learning Algorithms</li><li>• MATLAB and Python Programming</li><li>• Good analytical ability and competency in technical writing skills.</li></ul>

Inter University Centre for Teacher Education, Sunder Bagiya Nariya- BLW Road, Varanasi - 221005

Office: 0542-2368825



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**Copy this link and paste it on URL for completion of registration process:**

<https://forms.gle/uvN5v4GbuKhAqLA8>

**How to Apply:** Interested candidates are requested to apply in the prescribed format by Oct 30, 2023.

The duly filled application Form along with all enclosures (CV, mark sheets, degree certificates, GATE scorecard and other relevant documents) must be sent as a single PDF file to following email ids: [gyanendra@iucte.ac.in](mailto:gyanendra@iucte.ac.in)

In the subject line, please specify "Application for JRF position in SERB project". Provide complete information with regard to all essential eligibility conditions, incomplete applications will be rejected.

Last Date to Apply: **30 Oct, 2023.**

**Candidates may also note the following points:**

1. Selection committee of IUCTE reserves the right to fix suitable criteria for short- listing of eligible candidates.
2. The upper age limit for JRF shall be 28 years. Age relaxation: upper age limit is relaxable up-to 5 years for SC/ST/OC/Women and physically handicapped candidates.
3. Candidates will be short listed for the interview based on merit and experience of the available candidates. Decision of selection committee will be final. The date and time of interview will be informed by email only.
4. No TA/DA will be given to the candidates called for the interview.
5. Appointment will be contractual in nature and as per Institute terms and condition.
6. The fellowship will be offered initially for a period of one year, **which can be extended further for one more year depending on the performance evaluation by committee.**

For any further information/clarifications, the applicants may contact PI directly by email.

Dr. Gyanendra Singh  
(Principal Investigator)  
Assistant Professor, Physical Sciences,  
IUCTE, BHU Varanasi  
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