



**Jalpaiguri Government Engineering College**  
**(An Autonomous Institute)**  
**Department of Computer Science and Engineering**  
**Jalpaiguri-735102, West Bengal, India.**

Advt. No.: JGEC/CSE/2022/SERB-SRG/Circular/01

Dated: 28.09.2022

**Advertisement for the Post of Junior Research Fellow (JRF) in DST (SERB) Sponsored Project**

Applications are invited from eligible candidates to work as a Junior Research Fellow (JRF) on the following project sponsored by DST-SERB (SRG/2022/001390) under the supervision of **Dr. Swalpa Kumar Roy**, Jalpaiguri Government Engineering College, (An Autonomous Institute) Jalpaiguri 735102, West Bengal. The position is purely on **temporary basis**, with an initial appointment for one year subject to the sponsored fund as per DST-SERB file no. **SRG/2022/001390**. However, it can be extended upto two years solely based on the performance of the candidate. Further, the candidate will be encouraged for applying to the Ph.D. program at reputed university in West Bengal, with a high scope of conversion into the program. The relevant details are as follows:

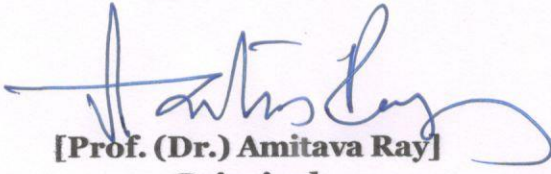
Title of the Project	<b>Estimating Material Composition using Deep Hyperspectral Image Unmixing</b>
No. of position	01
Project Duration	02 years

Other relevant information:

01.	Principal Investigator (PI)	Dr. SWALPA KUMAR ROY
02.	Essential Qualifications	<ul style="list-style-type: none"><li>✓ Candidates must be holders of M.Tech./M.E. or equivalent in CSE (Computer Science and Engineering) / IT (Information Technology)/ ECE (Electronics and Communication) degrees. They must be holders of B. Tech/ B.E. also in CSE/ IT/ECE.</li><li>✓ Candidates must have BE/B.Tech and ME/ M.Tech in relevant branch with 1st class or equivalent throughout his/her academic career starting from Secondary Board examination.</li><li>✓ Candidates with outstanding academic or research record maybe given preference.</li><li>✓ <b>Candidates must have qualified CSIR-UGC NET or GATE.</b></li></ul> <p>* Candidates meeting minimum eligibility criteria are not necessary to call for interview. Criteria's can be set to higher than minimum.</p>
03.	Desirable Qualifications	<ul style="list-style-type: none"><li>• Good knowledge of fundamentals in Computer Vision, Image Processing, Machine Learning and Deep Learning. Candidates with prior experience of working in these domains would be given preference.</li><li>• Good programming skills in Python/PyTorch/Tensorflow/Keras.</li></ul>
04.	Age Limit	Not more than 32 years as on 01-01-2022.
05.	Salary/Emoluments	Rs. 31,000/- per month + HRA (as per Govt. of India Rules).
06.	Relaxation on qualification and age	SC/ST/OBC/WOMEN/PWD candidates will get relaxation as per Govt. of India Rules.
07.	No Objection Certificate	Employed candidates are to submit no objection certificate from his/her employer at the time of interview
08.	Date of Interview	The shortlisted candidates will be informed by e-mail about the interview date. The interview would be conducted in offline basis.
09.	Others	As per DST norms.

**Instructions to Candidates:**

Interested candidates should submit their application through Google forms on or before **21<sup>st</sup> October' 2022**. The link of the form is: <https://forms.gle/yCYRHjG8UXJyzeSP8>



[Prof. (Dr.) Amitava Ray]

Principal

**Jalpaiguri Government Engineering College  
Jalpaiguri 735102, West Bengal**

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Principal  
Jalpaiguri Govt. Engineering College  
Jalpaiguri-735102

**INSTRUCTIONS:**

1. Appointed candidate will be placed at the Jalpaiguri Government Engineering College, Jalpaiguri 735102, West Bengal.
2. The contract will also include a one month notice period, wherein if the candidate selected wants to discontinue the project, he/she will have to inform the PI one month in advance.
3. No TA/DA will be paid for attending the interview.
4. The candidates selected for the interview will be informed via email by **Dr. Swalpa Kumar Roy** or would be posted on the institute webpage.
5. In case of any unavoidable circumstances the date of interview might be changed, which shall be notified on our institute website <https://jgec.ac.in/> or through email.
6. Any queries related to above post must be addressed to: **Dr. Swalpa Kumar Roy (PI)**, Mobile: +91-9749322213, email: [swalpa@cse.jgec.ac.in](mailto:swalpa@cse.jgec.ac.in)