

Applications are invited from the interested candidates for the Senior/Junior Research Assistants positions in the following categories for the Center of Excellence in Systems Biology and Bio-Medical Engineering, University of Calcutta supported by TEQIP-II. Please note: The maximum age limit for candidates having M.Tech or equivalent degrees is 28 years, and for B.Tech/M.Sc. or equivalent degrees will be 26 years. Relaxation in age limit will be given for candidates having suitable experience in research projects.

Candidates should submit their application with a brief resume and copies of testimonials.

Last Date of Receiving Application: December 15, 2013

Date of Interview: December 18, 2013

Address for submitting application: TEQIP Office

(Department of Radiophysics & Electronics, University of Calcutta
92, A.P.C Road, Kolkata-700009)

Category: 1

No. of posts: 1(One)

Essential Qualification: M.Sc in Biochemistry

Desirable Qualification and Research Experience:

- One year experience in handling Photosynthetic Bacteria
- One year research experience supported by publication/patent.

Other special criterion if any: RET qualified from Calcutta University.

Category: 2

No. of posts: 1(One)

Essential Qualification: M.E./M.Tech. in Information Technology/Computer Science and Engineering / Computer Science and Application, B.Tech. in Information Technology/ B.Tech. in Computer Science and Engineering from a recognized university

Desirable Qualification and Research Experience:

- Two years of research experience in Bio-Medical Image Processing.
- Strong understanding of computational techniques for image processing.
- Research experience in government funded projects.
- Research experience supported by publications.

Other special criterion if any: RET qualified from University of Calcutta.

Category: 3

No. of posts: 1(One)

Essential Qualification: M.Sc.(First Class) in any branch of Life Science.

Desirable Qualification and Research Experience: One year research experience in structural biology / systems biochemistry - supported by publication(s) in peer reviewed Journal(s).

Other special criterion if any: Strong understanding in mathematical tools.

Category: 4

No. of posts: 1(One)

Essential Qualification: ME/M. Tech in CSE/IT, M. Sc in Computer Science or equivalent

Desirable Qualification and Research Experience: First Class/division marks from 10+2 onwards, NET Qualification Research experience/interest in Software Engineering, Cloud Computing

Category: 5

No. of posts: 1(One)

Essential Qualification: M. Sc in Electronic Science or Physics.

Desirable:

- Hands on experience of material processing / device fabrication.
- Familiarity with design and fabrication of digital microfluidics chips.

Category: 6

No. of posts: 1(One)

Essential Qualification: M. Sc in Biomedical Instrumentation/ Electronic Science or B.Tech/M.Tech. in Optics and Optoelectronics/ ECE.

Desirable:

- Hands on experience in computer interfacing/ Labview / MATLAB
- Familiarity with optical instrumentation.

Category: 7

No. of posts: 1(One)

Essential Qualification: M. Sc in Electronic Science or B.Tech/M.Tech. in Optics and Optoelectronics/ CSE.

Desirable:

- Hands on experience in computer interfacing/ Labview/ Matlab
- Familiarity with digital image grabbing & processing

Category: 8

No. of posts: 1(One)

Essential Qualification: M.Sc.(First Class) in Physics / Electronics/ Biochemistry.

Desirable Qualification and Research Experience: Two year research experience in systems biochemistry - supported by publication(s) in peer reviewed high impact factor Journal(s). Good programming skill in pythons.

Other special criterion if any: Strong understanding in mathematical tools.



UNIVERSITY OF CALCUTTA

Application Form for the SRA/JRA for Centre of Excellence

1	Name	:				
2	Date of Birth	:				
3	Father/Husband's name	:				
4	Marital status	:				
5	Whether SC/ST/OBC/PH	:				
6	Nationality	:				
7	Address for communication	:				
8	E-mail ID	:				
9	Phone no(s).	:				
10	Whether NET/GATE/ RET Qualified	:				
11	Academic profile					
	Examination passed	Year	Board/University	Subjects	Div./Class/Grade	%Marks
12	Past Research Experience (if any):					
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Full signature of applicant		Signature and stamp of the prospective supervisor		Signature and stamp of the HOD		
<ul style="list-style-type: none">• Attach copies of all mark sheets and certificates.• Candidates selected on the basis of this application will be called for an interview.• Two sets of applications should be submitted to the Office of the TEQIP, Phase-II, Department of Radiophysics & Electronics 92, Acharya Prafulla Chandra Road, Kolkata 700009 within December 15, 2013.• The selection committee will decide whether the selected candidate will be offered SRA or JRA.• Incomplete applications will not be considered.						