

# COTTON COLLEGE STATE UNIVERSITY

College Hostel Road, Panbazar, Guwahati- 781001, Assam, India

## Advertisement no: CCSU/ACAD/01/2016

A walk in interview will be held at 10.30 am on 20<sup>th</sup> January, 2016 in Room No. 305 of Manik Chandra Barooah Bhavan for selection of a contractual position of Project Assistant under SERB, Govt. of India sponsored project "Design and synthesis of ratiometric large Stokes shift fluorescent metal ion sensors" (Principal Investigator (PI): Dr. Basanta Kr. Rajbongshi) in Chemistry department, Cotton College State University. Candidates are requested to report at Room No. 303 at 10.15 am. They are requested to send soft copy of application in a prescribed format available here along with scanned copies of mark sheets to the PI (email: [bkrchem@gmail.com](mailto:bkrchem@gmail.com)). Self attested copies of mark sheets and certificates will have to be submitted at the time of interview. Original mark sheets and certificates will have to be produced at the time of interview.

### Details of the project and desirable qualification of the candidate

Title of the Project: "Design and synthesis of ratiometric large Stokes shift fluorescent metal ion sensors"

The project will involve extensive synthesis of heterocyclic molecules involving 3-5 steps and their purification by column chromatography and crystallization and characterization by NMR, MASS, IR spectroscopy. The characterized molecules will be studied by UV-Vis and fluorescence spectroscopy.

No TA/DA will be provided by the institute for attending the interview.

Venue of Interview : Room No. 305 of Manik Chandra Barooah Bhavan, Cotton College  
Panbazar, Guwahati-781001, Assam

Last date of receiving the application: 17<sup>th</sup> January, 2016.

### Essential Qualifications

#### 1. Qualifications:

Essential: M.Sc. in Chemistry (preferably Organic Chemistry as specialization) with at least 55% aggregate marks.

Desirable : The candidate should be able to carry out multiple step synthesis and characterization of the organic compounds.

2. Preferably cleared the National Eligibility Test (NET) conducted by UGC, CSIR or a similar test accredited by UGC like SLET/SET.

3. Candidates should preferably be between 21 and 28 years of age on 1st January, 2016.

**General terms and conditions :**

1. The duration of the position is for one year. It can be increased to 2 years or further, depending on the satisfactory performance of the candidate during the appointed period.
2. The incumbent will receive a monthly fixed remuneration of Rs. 16000/- (Rupees sixteen thousand only) for the period of engagement only.
3. No other allowances are admissible.
4. The incumbent will have no rights for claiming appointment either regularly or on contractual basis after the expiry of the project period.
5. The incumbent will be eligible for leave as per the Rules and Regulations of Cotton College State University.
6. The incumbent will not have any claims toward PF, gratuity and other benefits payable to regular employees of the University.
7. The incumbent shall abide by the rules and regulations of the University.
8. The incumbent must be present at the department during the entire office hours.

**Sd/-  
Principal Investigator**