



# PiIT

## Mahatma Education Society's Pillai's Institute of Information Technology, Engineering, Media Studies and Research

Dr K.M. Vasudevan Pillai's Campus, 10 Sector 16, New Panvel, Navi Mumbai 410 206  
([www.piit.ac.in](http://www.piit.ac.in))

Applications are invited for the post of JRF to work on the project entitled '**Study of distribution of counter-ions around ionic micelles using SANS and SXAS**' sponsored by Department of Science and Technology, New Delhi. The project is being implemented jointly by the faculty at this institute and the faculty at Department of Chemical Engineering, IIT, Mumbai.

The incumbent will be working in a multidisciplinary field involving physics, chemistry and biology. His work will involve going to BARC and IIT, Mumbai for the experiments though the candidate will be employed at this institute. The post is purely temporary and will co-terminus with the duration (about 3 years) of the project.

**Qualification:** M.Sc. in Physics, Chemistry or Biology or B.Tech. in Chemical Engineering with minimum of 60% marks. Preference will be given to NET/GATE-qualified candidates.

**Stipend:** Rs 12,000 p.m. + HRA for 1st and 2nd year and Rs 14,000 p.m. + HRA for 3rd year for NET qualified candidates and as per UGC rules for those who have not passed NET/GATE.

Applications on plain paper giving complete bio-data with phone no. and e-mail ID duly supported by copies of certificates/testimonials, etc. should reach, **within 21 days** of this advertisement, to **Prof. P. S. Goyal**, Principal Investigator, DST Project (SR/SI/PC-48/2008), at the address given above. No TA/DA will be paid if called for the interview.

## University of Calcutta

Kolkata 700 009

Applications are invited for the positions of one JRF and an RA to work in a project entitled '**Understanding the molecular basis of cellular dedifferentiation during regeneration of zebrafish spinal cord: insight from microarray analysis**' funded by Department of Biotechnology, Govt of India.

**1. Junior Research Fellow:** Essential qualification: M.Sc. First class with Net/GATE in Life Sciences, viz. Zoology/Biochemistry/Biotechnology or any other relevant discipline. The candidate is expected to develop and implement methods like injury model (dissection skill), histological and immunohistochemical analysis, microinjection and general molecular biology techniques with emphasis to RNA work.

**Salary:** As per DBT Scale and HRA.

**2. Research Associate:** Candidate should have a doctoral degree in any relevant discipline of Life Science and should have demonstrated extensive experience in either molecular biology or confocal imaging.

**Salary:** As per DBT Scale and HRA.

Both the candidates should be capable of maintenance of zebrafish and axolotl colonies. The candidates for both the positions will also have the opportunity to be associated with gene function analysis of the ongoing genome-wide array analysis. The successful candidate should be highly self-motivated, energetic, work efficiently, and have a keen interest in Developmental biology/Neurobiology. Please see our recent publications for further information: *Developmental Dynamics*, 2010, **239**, 2962–2979.

**Tenure of appointment:** The duration of appointment will be initially for one year from the date of joining, but extendable up to three years depending on performance and availability of funds.

Interested and qualified candidates please send a brief summary of their research experience, CV, contact information (with e-mail addresses) of three references to **Dr Sukla Ghosh** at [suklagh2010@gmail.com](mailto:suklagh2010@gmail.com), Department of Biophysics, Molecular Biology and Bioinformatics, University of Calcutta, Kolkata 700 009, within **15 December 2010**.