



THE INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

JADAVPUR, KOLKATA 700 032

Applications are invited for the post in the DAE-BRNS (Department of Atomic Energy-Board of Research in Nuclear Sciences) project undertaken by **Dr D. Basak**, Department of Solid State Physics at IACS, Jadavpur, Kolkata 700 032.

- Name of the project :** Photoconductivity and photoluminescence studies on ZnO-based nanocomposites
- Project duration :** Three years
- Name of the post :** Junior Research Fellow (JRF)
- Qualification :** (a) M.Sc. Degree in Physics (first or high second class) with minimum average of 55% marks in B.Sc. (Hons.) and M.Sc. examination with a good overall academic record.
(b) Candidates must qualify in NET/GATE examination. Those who are awaiting M.Sc. result but have qualified in NET/GATE examination may also apply.
- Emoluments :** Rs 12,000 p.m. for two years and Rs 14,000 p.m. for the third year.

Candidates will be encouraged to register for Ph.D. degree. Candidates possessing the requisite qualifications may submit their applications on plain paper along with complete bio-data, recent passport size photograph, attested copies of certificates and mark sheets and two testimonials for academicians/researchers, to **Dr D. Basak**, Department of Solid State Physics at IACS, Jadavpur, Kolkata 700 032, India by post **within 15 days** from the date of this notification.

Note: The short-listed candidates will be called for an interview. The date of interview will be intimated by e-mail. No TA/DA will be paid for attending the interview.



International Crops Research Institute for the Semi-Arid Tropics

Invites applications for the following positions

SCIENTIFIC OFFICER (Cereals Pathology): Responsibilities: Conduct field, greenhouse and laboratory experiments, data collection, data analysis and prepare draft reports related to sorghum and pearl millet diseases; Supervise various field and greenhouse operations and manage laboratory inventories.

Requirements: M.Sc. (Ag.) in plant pathology with 1–2 years of relevant experience; High skill of culturing, maintaining and increasing inoculum of fungal pathogens essential.

SCIENTIFIC OFFICER (Crop Quality): Responsibilities: Undertake crop quality analyses for grains and plant samples for various parameters such as protein content, nutrient (micro and macro) oil, sugar, amino acids and fatty acid contents.

Requirements: M.Sc. (Ag. Chemistry/Chemistry/Biochemistry/Analytical Chemistry) first Class with 1–2 years of analytical laboratory experience is must; candidate should be well versed with modern analytical methods using auto analyzer, atomic spectrophotometer, gas chromatograph, mass spectrophotometer, Inductively Coupled Plasma Spectrophotometer, C and N analyzer as well as data processing and analysis using computer.

SCIENTIFIC OFFICER (Watershed Operations): Responsibilities: Support operational research watersheds to develop and evaluate improved integrated genetic and natural resource management (IGNRM) options for sustainable intensification as planned by a multi-disciplinary team of scientists; Collection and analysis of agronomic research data, maintenance of machinery and equipment, bullocks and farm structures in watersheds.

Requirements: M.Sc. (Agronomy/Soil science) first class with 1–2 years of field experience preferably in farm management is required; Candidate with good agronomy experience with various dryland crops and vegetables and ability to manage farm is an added advantage.

For further details on the positions visit www.careers.icrisat.org, and apply on or before **25 March 2010** to icrisat.nrsjobs@cgiar.org.

ICRISAT is an equal opportunity employer, and is especially interested in increasing participation of women on its staff.