



Advertisement for the Post of Senior Research Fellow (SRF)

Applications are invited for **One post** of **Senior Research Fellow (SRF)** to work under a BRNS funded project. The details are as follows:

Title of the research project: *Modeling of Contaminated Sediment Transport in Lake/River.*

Short description of the project: This project is based on theoretical and computational works in which a numerical model using commercial GUI based computational fluid dynamics (CFD) software will be developed. The aim of the model would be to study contaminated sediment transport along with radioactive materials through Shallow-water flows in Rana Pratap Sagar lake, Rajasthan.

Principle Investigator (PI): **Co-Principle Investigator (Co-PI):**

Dr. Rajendra K Ray,
Assistant Professor,
School of Basic Sciences
IIT Mandi, Mandi -175 001 (H.P.)

Dr. O. P. Singh,
Associate Professor,
Mechanical Engineering
IIT (BHU), Varanasi -221005 (U. P.)

Funding Agency: BRNS, Department of Atomic Energy, Govt. of India.

Duration : The appointment will be made on a temporary basis initially for a period of One year, which may be extended.

The post is co-terminus with the project.

Fellowship : @ Rs. 28,000/- p.m.

Eligibility: M.Tech./M.E. in Mechanical, civil, Aerospace, Hydrology, Chemical or related Engineering discipline.

Or

M.Sc./B.Tech. with two years research experience in theoretical/computational field or equivalent.

Candidate has to be good academic record throughout.

Desirable: NET Qualified. Good knowledge in Computer-programming. Having hands on experience in Computational Fluid Dynamics and/or Sediment Transport Modeling.

How to apply? : Interested and eligible candidate may apply with updated resume (in DOC or PDF format) along with % of marks (or CGPA) from 10th onwards, experience, contact details, etc. and E-mail to: rajendra.ray@gmail.com, with the file name “SRF_first name_last name”.

Clearly mention the position for which you are applying.

For any other information mail to: rajendra.ray@gmail.com

Deadline for Receiving the Application Form:

~~25-11-2016 (up to 5:00pm).~~ 28th November 2016 (up to 5:00 PM).

Note: The PI has the discretion to restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualifications and experience.