



Dr. B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY
G T Road Bye Pass, Jalandhar- 144027, Punjab (India)

Advertisement for the post of JRF in a DST-SERB-funded Research Project

Applications are invited from motivated and eligible candidates for one position of **Junior Research Fellow (JRF)** in a research project entitled “**Colloidal Quantum dots as Enhancers in Photocatalytic Hydrogen Generation**” sponsored by **Science and Engineering Research Board (SERB), Government of India**. Selected candidate will be involved in the experimental study of photo-electro-splitting of water with the primary objective of efficient generation of Green Hydrogen. The experimental study shall comprise the study of colloidal nanoparticles of different sizes and shapes along with other important parameters in the photo-electrochemical process.

Duration: Initial appointment (**ON PURELY TEMPORARY BASIS**) is for two years, which is extendable by one more year. Extension of the JRF position will be decided as per the availability of funds. Selected candidate will be encouraged to get admitted into the PhD Programme under the sanctioned project as per the Institute norms.

Emoluments: (Rs. 31,000 + HRA) per month.

Essential Qualification:

First class M.E./M.Tech./M.Sc in Chemistry/Electrochemistry/Nanotechnology/Chemical Engineering and Related Areas. The M.Sc. candidate should be qualified in GATE/UGC/CSIR-NET exam.

Desirable: Experimental experience related to Electro-chemistry/Nanotechnology and allied branches, is desirable. One quality research publication and good academic credentials are desirable.

Age: 28 years as on the date of selection, and relaxation as per DST-SERB and Government of India norms.

LAST DATE OF APPLICATION IS EXTENDED UPTO 15.07.2022.

Candidates need to submit the hard copy of the application (attached herewith) along with all relevant supporting self-attested documents. The completed application must reach the following address by **15.07.2022 (5.00 PM)**:

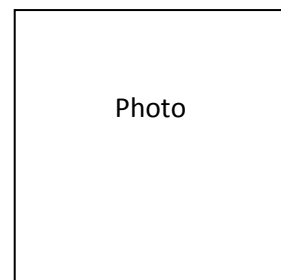
Dr. Amit D. Saran (Principal Investigator)

Department of Chemical Engineering,

Dr. B. R. Ambedkar National Institute of Technology, Jalandhar-144011, Punjab.

Candidature will be considered only on receipt of hard copy of the application and supporting documents, by the due date/time, failing which it will be rejected. The envelope containing the application should be super-scribed as: “**APPLICATION FOR THE POST of JRF under DST-SERB project, Department of Chemical Engineering**”.

Application form



1. Name of the applicant (in full block letters):
2. Father's/Mother's/Guardian's/Husband's Name:
3. Date of birth:
Sex (Male /Female):
Marital status (single/married):
Category: SC/ST/OBC/PWD/General:
4. Address of communication:
Mobile no: _____ Email: _____

5. Educational Qualifications:
(From 10th or equivalent onwards, self-attested copies to be enclosed)

Examination passed	Year of passing	University/Board	Division/ Class % of Marks*	Subjects

6. Professional Experience (if any)

S. No.	Designation	Name of Organization	Period		Nature of Work
			From	To	

7. Research Publication (if any):
8. Awards, patents, prizes etc (if any):
9. Any other information relevant to the post (if any):
10. GATE/NET/Any other: Qualified (Yes/No): Score: _____, Rank: _____, Year _____.
Specialization:
11. Are you interested to register for Ph.D. at NIT Jalandhar, if selected: Yes/No.?
12. Contact details of two referees:
(1) Name :Designation..... Organization..... Email.....
(2) Name :Designation..... Organization..... Email.....

DECLARATION: I do hereby declare that the above information furnished by me are true and correct to the best of my knowledge.

Place:

Date:

Signature of the applicant

List of enclosures: