



**DEPARTMENT OF PHYSICS**  
**MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY**  
**Allahabad – 211 004**

**Advertisement for the Post of JPF/JRF**

Applications in prescribed format with complete CV along with self-attested photocopies of candidate's professional certificates are invited from Indian nationals for the post of **Junior Research/Project Fellow** to work in the area of **Synthesis and Characterizations of Hydrogen Storage Materials** under **INSPIRE Faculty research grant** sanction order no. **IFA-12-PH-43** sponsored by **DST-INSA**. The hard and soft copy of the application completed in all respects should reach to the Principal Investigator, Dr. Rohit R Shahi ([rohitrshahi@gmail.com](mailto:rohitrshahi@gmail.com), [rohitrshahi@mnnit.ac.in](mailto:rohitrshahi@mnnit.ac.in)) Department of Physics, **Motilal Nehru National Institute of Technology, Allahabad-211004** within **45 days of this advertisement**. The envelope should be super scribed as "**Application for the post of Junior Research/Project Fellow in the INSPIRE Faculty research grant (IFA-12 PH-43)**". The position is purely temporary and will be governed by the Administrative rules/service conditions of MNNIT Allahabad.

**Qualifications : Essential**

- (i) Must have M. Sc./M.Tech in Physics/Materials Science or related subject.

**Desirable**

- (i) M.Sc in Physics with specialization in Solid State Physics, with NET and valid GATE Score  
(ii) M.Tech degree in area of Materials Science/Nanotechnology  
(iii) M. Sc. with 75% marks or > 8.0 CGPA will be given preference.  
(iv) Preference will be given to those candidates having sound background in the area of Synthesis of Nanomaterials.

**Fellowship** : Rs.12,000/- plus HRA per month as per rule for the first two years and Rs. 14,000/-plus HRA per month as per rule for third year as SPF. If the selected candidate is NET/GATE qualified then JRF emolument shall be Rs.16,000/- plus HRA per month as per rule for the first two years and Rs.18,000/- plus HRA per month as per rule for third year as SRF.

**Other Benefits** Accommodation may be available as per the availability and Institute norms. Eligible candidate may be entitled to register for PhD/M. Tech. Program of the Institute. Facility of yearly leave, carryover leave, medical benefits etc. may be available as per the applicable rules for project staff.

**Age Limit** : 28years

**Project Duration:** 5 years

- Note:** (i) No TA/DA will be paid for their appearing in the interview.  
(ii) Candidates will be informed by e-mail about the interview date. So, candidate must provide valid e-mail IDs in their applications.  
(iii) Mere, possessing the prescribed qualification does not ensure that the candidate would be called for interview.  
(iv) The Institute reserves the right to accept application at any time, and consider candidates of exceptional credentials without applications. Qualification and experience may be relaxed by the Institute at any point of time for otherwise exceptional candidates.  
(v) The applicant will be responsible for the authenticity of information, other documents and photographs submitted.

**Name of Principal investigator**

**Dr. Rohit R Shahi**

Designation

Assistant Professor (DST-INSPIRE Faculty)

Department

Physics



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For office use only  
 Application No.....

APPLICATION FORM

Advt.No.....

Dated.....

**Research Project Entitled-** "Synthesis and Characterizations of Hydrogen Storage Materials"  
**Sanction letter &Date-** SERB/F/6247/2013-014 dated 08/01/2014  
**Funding Agency-** Department of Science and Technology, New Delhi  
**Name of P.I. -** Dr. Rohit Ranjan Shahi  
**Name of position-** Junior Project/ Research Fellow (on contract)  
**Department/Section-** Physics

Self Attested  
 recent passport  
 size Photograph

1.	Name of the Candidate (In Capital letter)	
2	Sex (Male/Female)	
3	Marital Status (Married/Unmarried)	
4	Date of Birth	
5	Age as on last date of application	_____ Years _____ Months _____ Days
6	Father's/Husband's Name	
7	Present/Contact Address	
8	Permanent Address	
9	Mobile No	
10	E-mail	
11	Nationality	
12	Category	Gen/SC/ST/OBC/PH _____ (enclosed attested copy of certificate) and women
13	NET/GATE	Valid up to _____ Score/Rank _____
14	Educational Qualification	
	<b>Qualification</b>	<b>Subject/Discipline</b> <b>Board/Institute/Univ.</b> <b>Year</b> <b>% of marks</b> <b>Div.</b>
	10th or equivalent	
	12th or equivalent	
	Diploma, if any	
	BA/B.Sc./B.E./B.Tech	
	M.A./M.Sc.	
	M.Phil./M.E./M.Tech*	
	Ph.D*	

\*Title of M.Tech./M.Sc. Thesis:.....

15	Details of Experience in chronological order. Enclose a separate sheet duly authenticated under your signature if necessary						
Organization	Position	Salary/Emoluments	Nature of Duties	Nature of appointment	Period of Experience		
					Year	Month	Days
16	Research Publications (Attach list):-			Numbers			
	SCI Journals						
	Non SCI Journals						
	International Conference/Seminar ./ Symposium Proceeding						
	National Conference/Seminar ./Symposium Proceeding						
17	Any other information						
18	Indicated whether you propose to register for higher degree* at MNNIT, Allahabad. Yes/No (Name of degree)						

**Note:-** \*Those candidates who wish to be admitted as student for higher degree must fulfill atleast the minimum eligibility for the respective admission as available on the Institute website.

### DECLARATION

I hereby declare that all the statements made in this application are true and complete and nothing has been concealed/ distorted. I am aware that, if at any time I am found to have concealed/distorted any material information, my engagement is liable to be summarily terminated without notice.

Place:  
Date:

Signature of the Applicant

**Enclosure**-Self attested copy of documents

1. Proof of Date of Birth
2. Mark sheets & certificates of all the examination passed
3. Category Certificate, if applicable
4. NET/GATE score card, if passed
5. Experience certificate, if any