



प्रयुक्त यांत्रिकी विभाग  
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान  
इलाहाबाद – 211004 (भारत)

Department of Applied Mechanics  
MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD  
Allahabad – 211 004 (India)

Advertisement No- 06/2014/Project Staff

Dated-04/07/2014

**Advertisement for the Post of one Junior Research Fellow (JRF) (On Contract)**

Applications are invited from Indian nationals for the post of **Junior Research Fellow (JRF) (on contract)** in research project entitled "Flow Control in Complex Ducts using Synthetic Jets" sanction order no-SB/FTP/ETA-24/2013 dated 16/08/2013 sponsored by Science and Engineering Research Board (SERB), Technology Bhawan, New Mehrauli Road, New Delhi-110016. The duly completed application on prescribed format along with copies of supporting documents must reach to: **Office of the Dean (Research & Consultancy), Motilal Nehru National Institute of Technology, Allahabad-211004** on or before **06/08/2014**. The envelope should be super scribed as "Application for the post of Junior Research Fellow (JRF) (on contract) in the Research Project "Flow Control in Complex Ducts using Synthetic Jets". A soft copy of the application should also be sent to [arpaul2k@gmail.com](mailto:arpaul2k@gmail.com) / [arpaul@mnnit.ac.in](mailto:arpaul@mnnit.ac.in) / [arpaul2k@yahoo.co.in](mailto:arpaul2k@yahoo.co.in), email addresses of Dr. Akshoy Ranjan Paul, Assistant Professor, Department of Applied Mechanics & Principal Investigator. The position is purely temporary and will be governed by the Funding agency rules & service conditions of Dean (Research & Consultancy), MNNIT Allahabad.

- Name of Position** : Junior Research Fellow (JRF)  
**Number of Position** : 01 (one)  
**Essential Qualifications** : M.E./ M.Tech. in Mechanical/ Chemical/ Aeronautical/ Aerospace/ Civil/ Power Engineering /Energy/ Applied Mechanics/ Fluids or Thermal Engineering/ Electronics Engineering with minimum of 60% aggregate marks or CPI 6.5 at qualifying examination and GATE qualified.  
**Desirable Qualifications** : Preference will be given to the candidate having experience in the relevant field.  
**Fellowship** : ₹16,000/- per month  
**Other Benefits** : Accommodation may be available as per the availability and Institute's norms. Eligible candidate may be entitled to register for Ph.D. program of the Institute. Facility of yearly leave carryover leave, medical benefits etc. may be available as per applicable rules of the project staff.  
**Age Limit** : 28 years as on the last date of application (The upper age limit is relaxable upto 5 years in the case of candidates belonging to SC/ST/OBC/PH and women candidates).  
**Tenure of Appointment** : Appointment will be made on contract basis for a period of one year initially, which may be extended depending on the performance evaluation on yearly basis till the end of the project

- Note:**
1. The applicant will be responsible for the authenticity of information, other documents and photographs submitted.
  2. 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.
  3. Mere, possessing the prescribed qualification does not ensure that the candidate would be called for Interview. The Candidates will be shortlisted on the basis of merit and need of the project.
  4. Shortlisted Candidates will be informed by e-mail about the interview date. So, the candidate must provide valid E-mail IDs in their applications.
  5. Shortlisted candidates have to present themselves for the interview on the interview date with updated CV and original and attested photocopies of mark sheets/ certificates in support of their academic qualifications.
  6. Applicants in employment (private, government or any other organization) are required to submit a "No Objection Certificate" from the employer at the time of interview.
  7. No TA/DA will be paid for appearing in the interview.

**Name of Principal Investigator** : Dr. Akshoy Ranjan Paul  
**Designation** : Assistant Professor  
**Department** : Applied Mechanics



अधिष्ठाता (शोध एवं परामर्श) कार्यालय  
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान  
इलाहाबाद – 211004 (भारत)

OFFICE OF THE DEAN (RESEARCH AND CONSULTANCY)  
MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY  
Allahabad – 211 004 (India)  
Website: <http://www.mnnit.ac.in>

**For office use only**  
Application No.....

**APPLICATION FORM**

Advt.No.....

Dated.....

<b>Research Project Entitled-</b>	“ Flow Control in Complex Ducts using Synthetic Jets ”
<b>Sanction letter &amp;Date-</b>	SB/FTP/ETA-24/2013 dated 16/08/2013
<b>Funding Agency-</b>	Science and Engineering Research Board (SERB), New Delhi
<b>Name of P.I. -</b>	Dr. Akshoy Ranjan Paul
<b>Name of position-</b>	Junior Research Fellow (on contract)
<b>Department/Section-</b>	Applied Mechanics

**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.	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*					

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

15	Details of Experience in chronological order. Enclose a separate sheet duly authenticated under your signature if necessary						
	<b>Organization</b>	<b>Position</b>	<b>Salary/Emoluments</b>	<b>Nature of Duties</b>	<b>Nature of appointment</b>	<b>Period of Experience</b> 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	(i) Computer proficiency including knowledge of computer programming languages. (ii) Exposure to commercial/in-house CFD software. (iii) Exposure to conduct experiments in air-flow. (iv) Exposure to design and use PID controllers. (v) Written and oral communication. (Rate yourself in a scale of 1 to 5 where 1 means 'poor' and 5 means 'excellent' in the above five categories. You may also write/attach documents in support of your claims)					
18	Indicated whether you propose to register for higher degree* at MNNIT, Allahabad. Yes/No (Name of higher degree is Ph.D.)						

**Note:-** \*Those candidates who wish to be admitted as student for higher degree (Ph.D.) 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 the following documents

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