



राष्ट्रीय प्रौद्योगिकी संस्थान, मिजोरम  
**NATIONAL INSTITUTE OF TECHNOLOGY, MIZORAM**  
(An Institute of National Importance under Ministry of HRD, Govt. of India)  
CHALTLANG, AIZAWL, MIZORAM – 796012

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No. NITMZ/SRP-11/2016/.....

Date:

**Advertisement for the Post of JRF in DST-SERB sponsored project  
(Will be converted to Ph. D program)**

Applications are invited for the following assignment in a purely time-bound research project undertaken in the Department of Mechanical Engineering of the National Institute of Technology Mizoram in association with Department of Mechanical Engineering of National Institute of Technology Calicut.

1.	Name of the post	Junior Research Fellow (JRF)
2.	Number of Posts	One (01)
3.	Name of the Research Project	<b>Numerical modeling, simulations and Experimental Investigations to improve the surface tribological properties of Ti-6Al-4V through developing wire electrical discharge alloying</b>
4.	Investigators	1. Dr. Basil Kuriachen, NIT Mizoram 2. Prof. Jose Mathew, NIT Calicut
5.	Name of the Sponsoring Agency	DST-SERB, Govt. of India.
6.	Duration of the Position	Initially for a period of one year and can be extendable up to three years based on the performance.
7.	Consolidated monthly compensation	For first two years: Rs. 25,000/- per month (+HRA 10%) For third year: Rs. 28,000/- per month (+HRA 10%).
8.	Essential Qualifications	<b>Essential:</b> B. Tech (Mechanical Engineering) & M. Tech or equivalent degree ( in Mechanical Engineering, Manufacturing Engineering, CAD/CAM, Production Engineering, CIM) with 60% marks or equivalent CGPA <b>Desirable:</b> 1. Experience in handling projects (may be M.Tech. final year project) related to tribology. 2. Working experience in Matlab or Mathematica. 3. Preference will be given to candidates with prior experience in tribology or pin on disc. 4. Valid GATE Score
9.	Age	Candidates should not be more than 28 years as on the last date of submitting the application.
10.	Date, Time and Venue of Interview	Will be intimated through e-mail

Interested candidates may send their application along with copies of mark sheets and certificates from high school onwards to the Principal Investigator through speed post. Last date for receiving the application is **21.06.2017**. Candidates are advised to mention their valid mobile No. and email Id in their application.

**Guidelines:**

1. *The fellowship/salary is subject to change depending on DST-SERB directions.*
2. The shortlisted candidates will be communicated through email only.
3. Relaxation is admissible to SC/ST/OBC candidates as per Govt. of India norms.
4. No TA/DA will be paid for attending interview.
5. Candidates shortlisted for interview should appear in person with originals of degree certificates (one set of xerox), and date of birth proof along with any other relevant information (like copies of publications, awards, recommendations etc.)
6. For technical information of the project, the candidate may contact the Principal Investigator at given address/phone:
7. The selected candidate may have to stay/work in the National Institute of Technology Calicut for some duration as and when required to implement the project successfully as it is a joint project between NIT Mizoram and NIT Calicut.
8. The envelope / mail containing the application should be superscripted with “Application for the post of JRF in the department of Mechanical Engineering”
9. One (1) copy of the application, in the prescribed format, neatly typed on A-4 size paper, should be submitted to the Principal Investigator in the following address:

**Dr. Basil Kuriachen**

Assistant Professor

Department of Mechanical Engineering  
National Institute of Technology Mizoram  
Chaltlang, Aizawl- 796012, Mizoram.  
**E-Mail: basilkuriachen@gmail.com**  
**Mob. No.: 9947187133**

10. A softcopy of the application complete in all respect with all relevant documents should also be mailed as a single pdf file to: [basilkuriachen@gmail.com](mailto:basilkuriachen@gmail.com)



Date: 01.05.2017  
Place: Aizawl

Name and Signature of Principal Investigator  
**(Dr. Basil Kuriachen)**