



राष्ट्रीय प्रौद्योगिकी संस्थान नागालैंड  
**NATIONAL INSTITUTE OF TECHNOLOGY NAGALAND**  
(An Institute of National Importance under Ministry of HRD, Govt of India)  
Chumukedima, Dimapur  
Nagaland - 797 103

Advt. No: NIT-N/Advt./ECE/JRF/0002/2018

Dated 26.09.2018

**WALK-IN-INTERVIEW**

Applications are invited from Indian nationals to work as a Junior Research Fellow (JRF) in a Research Project title “Study on impact of metal nanoparticle on axial n-ZnO/p-CuO heterostructure nanowire for UV detector application” funded by Science and Engineering Research Board (SERB), Department of Science Technology (DST), Govt. of India.

**Brief Description of the Project:** The main Objectives are:-

- To develop technique for growth of axial n-ZnO/p-CuO nanowire arrays
- To characterize the fabricated nanowire array for photodetector application.

**Duration:** Three (3) Years or till the Completion of the Project, whichever is earlier.

**Number of Position:** One (1)

**Essential Educational Qualification:** B.E. / B. Tech, and M.E. / M. Tech / M.S. or equivalent degree in Electronics and Communication Engineering / Nanotechnology. Candidate must have obtained at least 65% marks or 6.5 CGPA out of 10.

**Desirable:** Applicant should have preliminary knowledge/experience in nanostructure fabrication techniques, device fabrication / processing / characterization or related areas.

**Consolidated Salary:** For JRF: Rs. 25,000/- per month + HRA for first two years and Rs. 28,000/- per month + HRA for third year.

**How to apply**

Eligible candidate need to attend the walk in interview on the date given below along with one set of attested photocopy of all relevant certificates/marksheets and one passport size self-attested photo are to be produced with the application at the time of interview. Original Certificates shall be shown at the time of interview for verification. An advance copy of CV may be e-mailed to jaydhar@gmail.com on or before 10-10-2018.

**Terms and Conditions:**

- The appointment is purely temporary on contractual basis which will be renewed every year subject to satisfactory performance.
- Original documents of mark sheets/ degree/certificates/age proof and other testimonials must be presented at the time of interview.
- No TA/DA shall be paid to candidates for attending the Interview.
- PI reserves the right to fill up the post, not to fill up the post or cancel the advertisement in whole or partly without assigning any reason.
- The decision of the PI in this regard will be final.

**Date of interview:** 12<sup>th</sup> October 2018 (Friday).

**Timing:**

Registration: From 9.00 a.m. to 11.30 a.m.

Time of Interview: 10:00 a.m. onwards

**Venue:** Administrative Block, NIT Nagaland, Chumukedima, Dimapur - 797 103

**(REGISTRAR)**  
**26.09.2018**