



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/0003/2022**

**Dated 28.06.2022**

Applications are invited from Indian nationals to work as a Junior Research Fellow (JRF) in a Research Project funded by Science and Engineering Research Board (SERB), of Department of Science Technology (DST), Govt. of India.

**Title of Research Project:** *Synthesis of metal nanoparticle decorated nanowires assembly for efficient self-cleaning application.*

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

- To Synthesize and characterize the metal nanoparticle decorated nanowire array.

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

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

**Essential Educational Qualification:** **M.E. / M. Tech / M.S.** in VLSI Systems / Microelectronics and VLSI Design / Electronics and Communication Engineering / Nanotechnology / M.Sc.(Electronics, Physics, Chemistry with GATE/NET Score mandatory) equivalent and must have obtained at least 65% marks or 6.5 CGPA out of 10. In addition the candidates should have GATE score/UGC NET including lectureship (Assistant Professorship) qualification is mandatory.

**Desirable:** Working experience in Physical Vapor Deposition, Oblique/Glancing Angle Deposition, Water Contact Angle measurement.

**Consolidated Salary:** Rs.31,000/ month + 8% HRA

**How to apply?**

Eligible candidates having appropriate qualifications in relevant subject/specialization with consistently good academic records and experience may send their application (advance copy) in the prescribed format with all supporting documents and CV by email to [chinnamuthu@nitnagaland.ac.in](mailto:chinnamuthu@nitnagaland.ac.in). Application in the prescribed format will only be accepted.

**Terms and Conditions:**

- The duration of post will be initially for one year and which may be extended upto the duration of project based on the satisfactory performance. The fellowship may be terminated if performance of candidate is not satisfactory.
- The post created under the project is purely on temporary basis and neither SERB, DST nor the Institute would have liability whatsoever for sustaining temporary staff recruited under the above mentioned project, after its completion/termination.
- The Junior Research Fellow will have option to register for Ph.D. program of institute; the candidate must meet the essential qualifications and qualify written examination & interview of Ph.D. admission of institute.
- 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 Principle Investigator (PI) in this regard will be final.

**Walk-in Interview date:** July 12<sup>th</sup>, 2022.

**Reporting Time:** 9:00 A.M.

**Walk-in Interview Time:** 10.00 A.M.

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

One set of photocopies of all certificates 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.

**Registrar**  
**28/06/2022**



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Advt. No: NIT-N/Advt./ECE/JRF/0003/2022

Dated 28.06.2022

Position Applied for: .....

Project Title: .....

.....

**Affix Latest  
Color  
Passport**

**Please use BLOCK LETTERS:**

1. Full Name: ..... Sex (M/F): .....

2. Father's/Husband's Name:.....Father's/ Husband's Nationality.....

3. Present Address:

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4. Permanent Address.....

.....

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5. a) Email ID: .....

b) Telephone/Mobile No.: .....

6. a) Date of Birth..... (b) Birth Place: .....

(c) State of Domicile.....

7. Citizenship: .....

8.\* Do you belong to:(a) Scheduled Caste-Yes/No (b) Scheduled Tribe -Yes/No

(c) OBC -Yes/No

9. Academic and Professional Qualifications (From High School onwards): Attach self- attested certificate

Degree/ Diploma	Subject	Percentage of Marks or Grade	Name of Univ./ Institution	Duration of Course	Month & year of passing

10. Complete information of NET/GATE/ Equivalent Exam, score, year of passing and validity, discipline, marks, all India Rank etc, if any:

11. Publications and Patents: (Please attach list of publications in SCI journals with full references and corresponding with those in the list) (If available)

(a) No. of Papers (i) Published.....(ii) Accepted.....

(b) No. of Books published.....

(c) No. of patents: (i) Filed: ..... (ii) Granted: .....

12. Prizes, Honours, Awards, Distinctions, if any: .....

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13. Experience held: (Please attached copy of experience certificate)

Position	Name of Organization/Agency	Dates		Pay/Wages	Nature of duties
		From	To		

14. Please give the names, designations, address and email id of the referees:

(i).....  
.....

(ii).....  
.....

**15. Declaration**

I have read the terms and conditions of the Institute. I accept and agree to abide by these if the Fellowship is offered to me. I certify that to the best of my knowledge and belief the particulars given in the application are correct. I understand that the decision taken on my application by NIT Nagaland authority will be final. If false and suppression of factual information in the application form comes to the notice of NIT Nagaland authority at any time during the tenure the fellowship would be liable to be terminated.

Place.....

Signature of the candidate .....

Date.....