



NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

(An autonomous Institute of National Importance under the aegis of Ministry of Education, Govt. of India)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Hazratbal, Srinagar Jammu and Kashmir, 190006, INDIA

Advertisement No: NITS/ECE/24/223 DT: MARCH 06, 2024 Advertisement for JRF recruitment under DST-SERB (EMEQ) Project

| | |
|-------------------------|---|
| Project title | Design and Implementation of 5G MIMO/Array Antenna with Spatial Diversity and Beamforming |
| Sponsoring agency | Excellence in Science (EMEQ) Scheme in 2023 by Science and Engineering Research Board (SERB), Department of Science and Technology, Government of India. |
| Position title | Junior Research Fellow |
| Duration | Initially for a period of 1 year but likely to extend for 36 months (3 years) |
| Number of position(s) | 1 (One) |
| Essential Qualification | 1. B.E. /B. Tech. in ECE or relevant degree with a minimum CGPA of 6.5 or not less than 60%. 2. M. E. / M. Tech in a related field, preferably with specialization in RF and Microwave or who has done a Major project related to Microstrip& DRA Antenna, RF Circuit Design, with a minimum CGPA of 6.5 or not less than 60%. OR BE/B. Tech (4 years) with valid GATE/NET score above the prescribed cut-off level / NET Qualification. The candidates shall have a minimum CGPA of 8.0 or not less than 75%. |
| Desirable | Prior knowledge of CST Microwave Studio & HFSS Simulation Tools, ADS Software, MATLAB, Report writing |
| Emoluments | Rs. 31,000/- (plus 16% HRA as admissible) per month for 2 years + Rs. 35,000/- (plus 16% HRA as admissible) per month after completion of two years as JRF |
| Registration for PhD | The selected candidate can register for the Ph.D. program if eligible, as per institute rules and statutes. |
| How to apply? | The Performa of the application is attached to this advertisement. Complete the application form, a brief CV (maximum 3 pages), and scanned copies of certificates (All certificates should be a single file in pdf format) send via email to: amit.kumar@nitsri.ac.in Incomplete Application forms will be rejected without any information |
| Submission mode | Soft copy |
| Last date to apply | 17/03/2024 |
| Contact | Name: Dr. Amit Kumar Assistant Professor, ECE Engineering Department National Institute of Technology Srinagar - 190006 Jammu and Kashmir amit.kumar@nitsri.ac.in 8010377545 |



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Interested and eligible candidates may send their application (scanned copy in pdf Format) as per the format given below along with the CV, and copies of certificates to amit.kumar@nitsri.ac.in by 17-03-2024. Please mention the subject line of your email as

Application for the DST-SERB (EMEQ): JRF position

The 3 files should be specifically in PDF format and be named as:

1. Your Name_application.pdf
2. Your Name_CV.pdf
3. Your Name_Certificates.pdf
 - a. Scanned copies of B Tech and M Tech certificates
 - b. Scanned copy of Date of Birth
 - c. Scanned copies of Proof for research experience, special achievements, and publications, if any.

No other format will be accepted, and applications will be rejected

The Shortlisted/Screened candidates will have to attend an interview. The interview date will be communicated to the screened candidates through email, phone, or the institute website.

No TA/DA will be paid for attending the interview.

For any clarifications, candidates can contact the Principle Investigator.

Dr. Amit Kumar

Principal Investigator (Project)

Assistant Professor, Electronics & Communication Engineering Department

National Institute of Technology Srinagar

Jammu and Kashmir– 190006, India

Email: amit.kumar@nitsri.ac.in

Mobile: 8010377545.



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Application Form

Department: _____

| | |
|-------------|---|
| Application | Junior Research Fellow (JRF) under Research Project entitled: Design and Implementation of 5G MIMO/Array Antenna with Spatial Diversity and Beamforming |
|-------------|---|

| | | |
|------------------------------|--|--|
| Name (Block Letters) | | Do not staple Paste Recent Passport Size Colour Photograph |
| Parentage / Guardian Name | | |
| Date of Birth | | |
| Age (On date of application) | | |
| Place of Birth | | |
| Marital Status | | |
| Rural/Urban | | |
| Mobile No | | |
| Email Id | | |

| | |
|--------------------------|-----------------------------------|
| Permanent Address | Address for Correspondence |
| | |

| QUALIFYING EXAMINATIONS | | | | |
|-------------------------------|--------------------------|----------------------------------|------|-----------------|
| Degree | Specialization /Subjects | Institution / University / Board | Year | Percentage/CGPA |
| M Tech | | | | |
| B Tech | | | | |
| Hr Sec II (12 th) | | | | |
| SSC (10 th) | | | | |
| Any Other | | | | |

| | | | |
|-----------|----------------------------|-----------|-----------------------------------|
| | Documents Submitted | 8. | |
| 1. | | 9. | |
| 2. | | 10 | |
| 3. | | | Documents Awaited (If Any) |
| 4. | | 1. | |
| 5. | | 2. | |
| 6. | | 3. | |
| 7. | | 4. | |



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Research Publications

| | |
|------------------------------|--|
| Total number of publications | |
| List of Publications | |

Research Experience / Employment Details

| Organization | Period (From-To) | Designation / Other Details |
|--------------|-------------------|-----------------------------|
| | | |
| | | |

Contact details of two referees:

| | Reference I | Reference II |
|-----------------------|-------------|--------------|
| Name | | |
| Designation | | |
| Organization | | |
| Office Address | | |
| Phone / Mobile Number | | |
| Email ID | | |

Any Other Relevant Information: _____

I solemnly affirm that:

- The aforementioned particulars given by me are correct, and the documents furnished are genuine.
- My application for the said position in the National Institute of Technology Srinagar is purely provisional at my own risk and responsibility, subject to verification of all academic documents. In case of any discrepancy found therein at any stage, my application shall be treated as canceled.
- I shall abide by the rules and regulations at present in force or those that may hereafter be made applicable by the Institute. I undertake that so long as I am a fellow of the Institute, I will do nothing either inside or outside the Institute campus that will interfere with its orderly working and discipline.
- I have not been convicted of any criminal offense, nor have I been released on bail in connection with any criminal case.
- No case of criminal offense or mortal turpitude is pending against me in any court of law.
- No complaint or F.I.R. has been lodged against me by the university / Institute/principal of the constituent Instituted /Affiliated Institute by the Department where I am/was working.

Signature of the Applicant

Dated: _____

FOR OFFICE USE ONLY

No: NITS/ECE/2024/ _____

DT: _____, 2024