



INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA PATNA-801106
RESEARCH & DEVELOPMENT UNIT

ADVERTISEMENT NO: R&D/724/MIM/256

DATED: 26.12.2022

Project No:- R&D/SP/EE/MIM/2022-23/724

Applications are invited in the prescribed format only for the following assignment in a purely time bound research project undertaken in this institute.

1. (a) Name of the temporary assignment : Junior Research Fellow
(b) Number of Post : 1
(c) Duration of the Post : Initially for 6 months extendable up to 1 year

2. Name of the temporary research project : “Massive MIMO High Gain Beam Scanning Millimeter Wave Antenna Using Digital Metasurface with Controlled Bits for Fifth Generation (5G) Communication”

3. Name of the sponsoring Agency: Science and Engineering Research Board (SERB)

4. Consolidated Fellowship/Salary: Rs. 31000/- per month plus 8% HRA as per GoI rules

5. Qualifications & Experience:
 - M.Tech./M.E/M.S. degree in a Engineering/Technology (Relevant Disciplines: Electronics and Communication, RF and Microwave Engineering, and similar) from a recognized University, with a minimum CPI of 6.0 or 60% of marks. Candidate must have valid GATE/NET score.
 - Work/research experience in the field of Microwave and Millimeter Wave Technology, Antenna and Microwave measurements, and Software such as CST Microwave Studio, HFSS, ADS, and MATLAB will be given preference.
 - Bachelor’s degree in Engineering/Technology in a relevant discipline with minimum CPI of 8 or 75% of marks with valid GATE score.

The upper age limit for applying for the above position shall be 28 years. Relaxations for SC/ST/OBC/women/PD will be given as per the GoI rules.

Interested and eligible candidates may apply with up-to-date resume, showing Educational qualification (% of Marks obtained from 10th onwards), Experience, Publications, Achievements, Names of two referees.

Please send the resume (pdf and doc) and application mentioning the “post applied for” to the email id: amitks@iitp.ac.in. Please use the file name as: post-applied_firstname_lastname.pdf.



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Link of Google form: <https://forms.gle/vHNn1grKLv6tKLkg9>

Last date of receiving application: January 10, 2023.

Date of Interview: January 13, 2023

After the short-listing, the candidates will be informed accordingly to appear for the online written test/interview.

No TA/DA is admissible for appearing in the written test/interview.

For any query contact Investigator(s): **Dr. Amit Kumar Singh, Dept. of Electrical Engineering, IIT Patna, Email: amitks@iitp.ac.in Tel.: 06115-2338960**

Deputy Registrar/ Registrar

Copy to:

1. Associate Dean, R&D, IIT Patna
2. Advertisement file
3. Project file



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PROJECT CODE: R&D/SP/EE/MIM/2022-23/724

ADVT NO:

DATED:

FORMAT OF APPLICATION FOR “JUNIOR RESEARCH FELLOW (JRF)”

Name & Address Including email id and Phone no. (for Correspondence)	Category (GEN/OBC/SC/S T/PD)	DOB dd/ mm/yy	Professional Exam. (GATE/CSIR-NET, etc) & Validity
NAME IN CAPITAL Address: Phone: Email:			

Educational Qualification			
Institute/ Board	Exam Passed	Year of Passing	% of Marks/CPI
	10 th Class		
	12 th Class		
	Bachelors (B.Sc/B.Tech/B.E./BCA) or equivalent		
	Masters (M.Sc/M.Tech/M.E/MCA/ MA) or equivalent		

Qualifying degree	Degree/ major/Specialization
(B.Sc/B.Tech/B.E./BCA)	
(M.Sc/M.Tech/M.E/MA/MCA)	
Others	

Signature of applicant

Date:

Place: