

**Advertisement for the post of JRF under ANRF (ARG) funded project at Department
of Electronics Engineering, IIT(BHU), Varanasi**

Applications are invited for the post of Junior Research Fellow (JRF) at a Stipend amount of Rs. 37,000 + 20% HRA = Rs. 44, 400 per month (for first two years) and Rs. 42, 000 + 20% HRA = Rs. 50, 400 per month (from third year onwards) in an ANRF (ARG)-sponsored Project entitled “**Fully printed electrode-based micro-electrosensor for ultra-detection of Cardiac troponin for on-site diagnosis of Myocardial Infarction**” sanctioned up to 4 years. The post is purely temporary and co-terminus with the project. The candidates should possess M.E. / M.Tech (or equivalent degree) in Electronics and Communication Engineering/ Microelectronics/ VLSI/ Embedded Systems/ Applied Electronics, with minimum of 60 % marks or 6.0 CPI, AND having a valid GATE score in EC (OR) B.E. / B.Tech in Electronics and Communication Engineering, with minimum of 75 % marks or 7.5 CPI, AND having a valid GATE score in EC. (OR) B.E. / B.Tech in Electronics and Communication Engineering, with minimum of 70 % marks or 7.0 CPI, AND having a valid GATE score in EC if applicant has more than two years of professional experience, provided the B.E. / B.Tech degree is from an Institution funded by the Central Government. The upper Age Limit is 35 Years (relaxable as Per GoI Rules); All things being equal, SC/ST candidates will be preferred as per GOI rules.

Essential qualifications: M.E. / M.Tech (or equivalent degree) in Electronics and Communication Engineering/ Microelectronics/ VLSI/ Embedded Systems/ Applied Electronics, with minimum of 60 % marks or 6.0 CPI, AND having a valid GATE score in EC (OR) B.E. / B.Tech in Electronics and Communication Engineering, with minimum of 75 % marks or 7.5 CPI, AND having a valid GATE score in EC. (OR) B.E. / B.Tech in Electronics and Communication Engineering, with minimum of 70 % marks or 7.0 CPI, AND having a valid GATE score in EC if applicant has more than two years of professional experience, provided the B.E. / B.Tech degree is from an Institution funded by the Central Government.

Desirable qualifications: Candidate qualified in **GATE (EC)** examination and having some basic exposure to any practical sensor or biosensor fabrication and characterization processes will be given preference. Candidates have to work in collaboration with IMS, BHU, Varanasi for survey and real-time validation of the electrosensor-based prototype.

Application in enclosed format giving name, permanent and correspondence address, names of father and mother, telephone no. and e-mail address, details of educational career (starting from High School or equivalent) along with self-attested copies of all mark-sheets & certificates and details of any research or other experience etc., if any, should reach within 21 days from the date of the advertisement, to the P.I., **Dr. Vimal Kumar Singh Yadav, Assistant Professor, Department of Electronics Engineering, Indian Institute of Technology (BHU), Varanasi-221005** at vimal.ece@iitbhu.ac.in. Please write the email with the subject entitled “**Application for the post of JRF under ANRF (ARG) funded project at Department of Electronics Engineering, IIT (BHU), Varanasi**”. The shortlisted candidate will be informed through email.

No TA/DA will be paid if called for interview.

The **last date** for the sending the application is within 21 days from the date of the advertisement.

Advertisement details

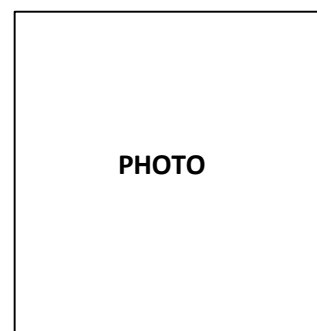
Project no.	ANRF/ARG/2025/012748/ENS
Project Title	Fully printed electrode-based micro-electrosensor for ultra-detection of Cardiac troponin for on-site diagnosis of Myocardial Infarction
PI	Dr. Vimal Kumar Singh Yadav, Assistant Professor, Department of Electronics Engineering, Indian Institute of Technology (BHU) Varanasi-221005, UP, India
Post	Junior Research Fellow (JRF)
Fellowship/salary	Rs. 37,000 + 20% HRA = Rs. 44, 400 per month (for first two years) and Rs. 42, 000 + 20% HRA = Rs. 50, 400 per month (from third year onwards)
Funding agency	Anusandhan National Research Foundation (ANRF)
Duration	The appointment will be purely temporary for a period maximum of up to completion of the project which is 4 years
Essential minimum qualification	M.E. / M.Tech (or equivalent degree) in Electronics and Communication Engineering/ Microelectronics/ VLSI/ Embedded Systems/ Applied Electronics, with minimum of 60 % marks or 6.0 CPI, AND having a valid GATE score in EC (OR) B.E. / B.Tech in Electronics and Communication Engineering, with minimum of 75 % marks or 7.5 CPI, AND having a valid GATE score in EC. (OR) B.E. / B.Tech in Electronics and Communication Engineering, with minimum of 70 % marks or 7.0 CPI, AND having a valid GATE score in EC if applicant has more than two years of professional experience, provided the B.E. / B.Tech degree is from an Institution funded by the Central Government.
Desirable qualification, if any	Candidate qualified in GATE (EC) examination and having some basic exposure to any practical sensor or biosensor fabrication and characterization processes will be given preference. The applicants will be encouraged to apply to the Ph.D. program at IIT (BHU), Varanasi, by fulfilling the institute's admission criteria.
Maximum Age	35 Years
Relaxation for SC/ST/Physically Handicapped/Female candidates	As per GoI rules

This is to certify that the advertisement details given are as per the Funding agency norms.

Signature of the PI

APPLICATION FOR JUNIOR RESEARCH FELLOW POSITION

1. Full Name:
2. Marital Status:
3. Nationality:
4. Father's Name:
5. Mother's Name:
6. Address of Correspondence:
 - a. Phone No:
 - b. Mobile No:
 - c. E-mail Address:



7. Academic Record/ Other Details:

Whether SC/ST/PH /GEN	Sex	Date of Birth	% marks, Year if Passing and Name of Board / University				Research Experience	Remark GPAT/GATE/NET Qualification
			High School	XII	U.G.	P.G.		

- a. Details of the project carried out with duration, place of work, area worked on, mentor/guide's name, description of the project and contribution to the project (in not more than 5 sentences)
 - b. Attach list of publications (Only International) with a clear mention of impact factor (if any):
 - c. Working experience (if any):
 - d. Whether currently employed: Y/N
 - e. Time required to join this position:
8. Name and addresses of two referees, along with phone numbers and e-mail addresses

Declaration

I hereby declare that I have carefully read and understood the instructions and particulars on this application and that all entries in this form as well as in the attached sheets are true to the best of my knowledge and belief.

Date:

Place:

Signature