



भारतीय
प्रौद्योगिकी
संस्थान
काशी हिन्दू विश्वविद्यालय

IIT

INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY

**Recruitment of Junior Research Fellow in the
Department of Electronics Engineering, IIT (BHU)**

Project Code No (of Institute): R&D/SA/ISRO/ECE/22-23/03/389

Applications are invited from Indian nationals for the following position for the research project titled "**Development of Graphene/CNT FET based sensors for space applications**" sponsored by Indian Space Research Organization (ISRO), Regional Academic Centre for Space (RAC-S) IIT BHU.

1. **Name of the position:** Junior Research Fellow (JRF)
2. **Number of positions:** 1
3. **Last date of Application:** Applicants should apply within 21 days of this advertisement.
4. **Emoluments (p.m.):** Rs. 31,000/- per month
5. **HRA:** as per norms
6. **Essential Educational qualification:**

If the candidate has M.TECH. degree

- i. M.Tech. with First class in **Electronics and Communication Engineering** in the discipline/specialization concerned or in an allied discipline/area.
- ii. B.Tech with First class in **Electronics and Communication Engineering**
- iii. GATE Qualified

If the candidate has B.TECH. degree only

- i. B.Tech with minimum 75% in **Electronics and Communication Engineering**
- ii. GATE Qualified

7. Desirable qualification:

Knowledge of device fabrication and characterization.

8. Age and Age Relaxation: As per Annexure IV

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सहायक आचार्य/Assistant Professor
इलेक्ट्रॉनिक्स अभियंत्रिकी विभाग
Department of Electronics Engineering
भारतीय प्रौद्योगिकी संस्थान
Indian Institute of Technology
(बनारस हिन्दू यूनिवर्सिटी)
(Banaras Hindu University)
वाराणसी/Varanasi-221005

Application Procedure:

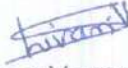
Make a single PDF file having the filled application form (attached) with all relevant qualification certificates, marksheets, experience certificate, age proof, caste certificate and others. Mail the PDF file to the following mail id "srg.iitbhu.2019@gmail.com" and CC to "shivam.ece@iitbhu.ac.in" with subject line "Application for the position of JRF in ISRO Project".

Note: No hard copy is required. Applicant needs to show all the original documents at the time of the interview, if shortlisted, based on submitted data in the application.

General Terms and Conditions:

1. The position is purely temporary and is coterminous with the project.
2. The PI has the discretion to restrict the number of candidates to be called for interview to a reasonable limit based on qualifications and experience higher than the minimum prescribed in the advertisement.
3. Only shortlisted candidates will be communicated to appear in the interview and no other communications in this regard will be entertained.
4. The candidate is expected to join immediately, if selected.
5. No TA/DA will be paid for attending the interview.
6. Other relevant Guidelines of the funding agency and Gol rules will be followed.

Please feel free to contact me in case of any query:


Dr. Shivam Verma (Principle Investigator),
Assistant Professor,
Department of Electronics Engineering,
Indian Institute of Technology (BHU)
Varanasi 221005 (U.P.) INDIA
Email ID: shivam.ece@iitbhu.ac.in

सहायक आचार्य/Assistant Professor
इलेक्ट्रॉनिकी अभियांत्रिकी विभाग
Department of Electronics Engineering
भारतीय प्रौद्योगिकी संस्थान
Indian Institute of Technology
(बनारस हिन्दू यूनिवर्सिटी)
(Banaras Hindu University)
वाराणसी/Varanasi-221005

Application Form

Personal details:

Name	
Father's name	
Mother's name	
E-mail	
Phone No.	
Date of Birth and Category (GN/OBC/SC/ST/)	(certificate to be attached if OBC/SC/ST)
Permanent Address	
Correspondence Address	

Details of Education Qualification

Qualification	University/Board	Year of passing	Percentage /CGPA	Subject
10th				
12th				
B.Tech./B.E.				
M. Tech.				
Others				

Details of qualifying examination (GATE, Net, or Others)

Name of Examination	Subject of Examination	Year of Passing	Score	Marks Obtained

Details of Professional / Work Experience: At least current employment should be mentioned

Organization	Designation	Date-From	Date-To

The details furnished in this form are correct to the best of my knowledge and belief.

Signature with Date and Name

अंतरिक्ष भवन/Antariksh Bhavan,
न्यू बी.ई.एल. रोड/New BEL Road,
बेंगलूरु/Bengaluru – 560 094

April 30, 2019

OFFICE MEMORANDUM

Subject : Revision of emoluments and guidelines on service conditions for research personnel engaged in R & D programme of the Central Government Departments/Agencies.

The undersigned is directed to refer to this Department's OM of even number dated 30/01/2015 on the above subject and to state that based on the revised guidelines issued by Department of Science and Technology (DST), Ministry of Science and Technology vide OM No.SR/S9/Z-08/2018 dated 30/01/2019 on the subject, the emoluments, guidelines and service conditions for personnel engaged for research work in DOS/ISRO, academic/autonomous R & D institutions under RESPOND programme, ISRO Research Fellowship etc are revised as under :

1.Junior Research Fellow (JRF) / Senior Research Fellow (SRF)

SI No.	Designation & Qualification	Existing Rates	Revised Emoluments per month w.e.f. 01.01.2019
1	<u>Junior Research Fellow (JRF)</u> Post Graduate Degree in Basic Science OR Graduate/Post Graduate Degree in Professional Course selected through a process described through any one of the following : a. Scholars who are selected through National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant professorship) and GATE. b. The selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT,DAE,DOS,DRDO,MHRD, ICAR,ICMR, IIT, IISc, IISER etc.	Rs.25,000/-	Rs. 31,000/-
2	<u>Senior Research Fellow</u> Qualifications prescribed for JRF with two years of research experience	Rs.28,000/-	Rs.35,000/-

The performance of Junior Research Fellows (JRF) shall be reviewed, on completion of two years, by an appropriate Review Committee duly constituted by the Directors of Centres/Units. Based on the recommendations of the review committee and approval of Director of the Centre/Unit, Junior Research Fellows may be awarded the position of Senior Research Fellow (SRF).

2. **Research Associates (RA):** The fellowship for Research Associates may be fixed as a consolidated amount at any of three pay levels given below depending upon the qualification and experience.

Educational Qualification : Ph.D/MD/MS/MDS or equivalent degree or having 3 years of research, teaching and design and development experience after MVSc/M.Pharm/ME/MTech with at least one research paper in Science Citation Indexed (SCI) journal.

Sl No	Category	Existing Fellowship (Rs.)	Revised Emoluments per month (Rs.)
1	Research Associate – I (RA-I)	36,000	47,000
2	Research Associate – II (RA –II)	38,000	49,000
3	Research Associate – III (RA-III)	40,000	54,000

3. **Research Scientists :**

The fellowship of Research Scientists remains unaltered.

Sl No.	Levels in the Pay matrix (as per VII CPC)
1	Level 10
2	Level 11
3	Level 12
	Other Scales below in the Level 10 of pay matrix, as recommended by VII CPC and approved by Govt. of India

4. **Service Conditions :**

4.1. **Dearness Allowance (DA):** JRFs, SRFs and Research Associates will not be entitled to this allowance. The Research Scientists will be eligible to draw as per rates of Central Government as per rules of the local institutions where they are working.

4.2. **House Rent Allowance(HRA) :** House Rent Allowance will be allowed to all research fellows., viz., Junior Research Fellows (JRF), Senior Research Fellows (SRF), Research Associates (RA) and Research Scientists (RS), if they are not provided with hostel accommodation, as per rules of the institution, where they are working. For this purpose, the fellowship amount for JRF/SRF/Research Associates and Research Scientists will be taken as Basic Pay.

Reader

4.3 **Medical Benefits** : The JRF, SRF, Research Associates and Research Scientists will be allowed medical benefits, as per rule of the institution where they are working.

4.4. **Leave and other service benefits** : JRFs/SRFs are eligible only for casual leave while Research Associates / Scientists are eligible for leave as per rules of the institutions. Maternity leave as per Govt. of India instructions would be available to all female JRFs/SRFs/RAs/RSSs.

4.4.1. Participation of JRF/SRF/RA/RS in any scientific event in India or abroad will be treated as "on duty". The travel entitlement for JRF/SRF/RA/RS for participation in scientific events / workshops in India will continue to be the same as earlier i.e., II AC by rail.

4.5. **Bonus & Leave Travel Concession**: Not admissible to any category.

4.6. **Retirement Benefits** : JRFs/SRFs/ Research Associates and Research Scientists will not be entitled to these benefits. However, Research Scientists who are appointed for the duration of the project may be allowed to be members of the New Pension Scheme (NPS) of the Institution.

4.7 **Encouragement for pursuing higher studies** : JRFs/SRFs may be encouraged to register for higher studies and the tuition fees to undertake these studies may be reimbursed from the contingency grant sanctioned under the project grant, if required.


5. **Obligations of JRF/SRF/RA/RS**

- a. JRF/SRF/RA/RS shall be governed by the disciplinary regulations of the host institute.
- b. The JRF/SRF/RA/RS must send a detailed consolidated report of the research work done during the entire period of Fellowship on completion of the tenure/resignation at the earliest.

6. **The periodic enhancement of Research Fellowship** : The Research Fellows, Research Associates and Research Scientists are not entitled for annual increment.

7. The revised emoluments will take effect from 01.01.2019 for all categories of JRF/SRF/Research Associates / Research Scientists.

8. Hindi version is enclosed.


(M. Ramadas) 30/4/19
Deputy Secretary

Encl: As above.

To

1. Director, VSSC/SDSC-SHAR/URSC/SAC/LPSC/NRSC/ISTRAC/MCF
/ADRIN/IIRS/IPRC
2. Director, PRL/NARL/NE-SAC/SCL/IIST
3. Scientific Secretary, ISRO
4. Director, SPL, VSSC
5. Deputy Director, Personnel Management, ISRO HQ
6. Deputy Director, RESPOND, ISRO HQ
7. Sr. Head, P&GA, ISRO HQ