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संस्थान
काशी हिन्दू विश्वविद्यालय



INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY

Annexure-3

Date: 03/08/2026

ADVERTISEMENT for the Recruitment of Junior Research Fellow (JRF)
School of Biomedical Engineering, Indian Institute of Technology (BHU), Varanasi

Applications are invited for one post of **Junior Research Fellow (JRF)** at a Fixed Stipend/ Fellowship/ Salary amount of Rs. 37000 + 18% HRA p.m. in a Anusandhan National Research Foundation (ANRF) Sponsored Project (ANRF/ECRG/2024/001420/LS) entitled “**Identification And Characterization Of Breast Cancer Cell-Of-Origin And Cancer Stem Cells Within Indian Population To Discover The Promising Therapeutic Targets For Triple Negative Breast Cancer**” sanctioned up to 01 Jun 2028. The post is purely temporary and co-terminus with the project. The candidates should possess **M. Tech. (Biotechnology/ Bioengineering/ Biomedical Engineering/ Biochemical Engineering or allied branches of these disciplines)** (or) **M.Sc. (Biotechnology/ Life Science/ Biochemistry/ Zoology/ Microbiology or allied branches of these disciplines)**, and with a qualified/valid National Level exam, such as GATE/CSIR-UGC NET/DBT/ICMR/DST/etc. The upper Age Limit is 28 Years (relaxable as Per GoI Rules); All things being equal, SC/ST candidates will be preferred as per GOI rules.

Essential qualifications: **M. Tech.** in Biotechnology/ Bioengineering/ Biomedical Engineering/ Biochemical Engineering or allied branches of these disciplines (or) **M.Sc.** in Biotechnology/ Life Science/ Biochemistry/ Zoology/ Microbiology or allied branches of these disciplines with a minimum of first division (60% marks or equivalent grade), and with a qualified/valid National Level exams, such as GATE/CSIR-UGC NET/DBT/ICMR/DST/etc.

Desirable qualifications, if any: Candidate should possess basic knowledge of cell culture, in vitro cell-based assays, biochemical assays, PCR, Western Blotting, Flow Cytometry, Cell imaging, animal handling and in vivo studies, etc.

Application on Plain paper (application form given on the page no. 4 and 5) 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 of the advertisement to the P.I.

Dr. Brijesh Kumar
Cancer Biology and Drug Discovery Lab,
School of Biomedical Engineering,
Indian Institute of Technology (BHU) Varanasi, (U.P.), 221005, India
Email ID: brijesh.bme@iitbhu.ac.in

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



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Advertisement details

Project no.	ANRF/ECRG/2024/001420/LS
Project Title	Identification And Characterization Of Breast Cancer Cell-Of-Origin And Cancer Stem Cells Within Indian Population To Discover The Promising Therapeutic Targets For Triple Negative Breast Cancer
PI	Dr. Brijesh Kumar
Post	JRF
Number of positions	01
Fellowship/salary	Rs. 37000 + 18% HRA P.M.
Funding agency	ANRF
Duration	22 Months; appointment will be made on an annual basis and renewed based on performance.
Essential minimum qualification	M. Tech. in Biotechnology/ Bioengineering/ Biomedical Engineering/ Biochemical Engineering or allied branches of these disciplines, and with a qualified/valid National Level exam, such as GATE/CSIR-UGC NET/DBT/ICMR/DST/etc. (or) M.Sc. in Biotechnology/ Life Science/ Biochemistry/ Zoology/ Microbiology or allied branches of these disciplines with a minimum of first division (60% marks or equivalent grade), and with a qualified/valid National Level exam, such as GATE/CSIR-UGC NET/DBT/ICMR/DST/etc.
Desirable qualification, if any	Basic knowledge of cell culture, in vitro cell-based assays, biochemical assays, PCR, Western Blotting, Flow Cytometry, Cell imaging, animal handling and in vivo studies, etc.
Maximum Age	28 years
Relaxation for SC/ST/Physically Handicapped/Female candidates	As per GoI rules
Key responsibilities	The candidate will work on "Identification and Characterization of Breast Cancer Cell-Of-Origin and Cancer Stem Cells Within Indian Population to Discover the Promising Therapeutic Targets For Triple Negative Breast Cancer" under the supervision of Dr. Brijesh Kumar. The role involves managing project activities within existing constraints, with opportunities to visit and collaborate with IMS-BHU, Varanasi. The candidate will engage with scientists and clinical collaborators to support the project. In addition, the candidate will perform project-related duties assigned by the Principal Investigator as required.
Last date of receiving the application	24/08/2026

General terms and conditions:

1. The position is purely temporary and is coterminous with the project.
2. Candidates selected are expected to join immediately.



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3. The candidate may have the opportunity to pursue a Ph.D. in Biomedical Engineering while serving as a Junior Research Fellow (JRF) in the School of Biomedical Engineering at IIT (BHU), Varanasi.
4. The principal investigator has the discretion to restrict the number of candidates to be called for an interview to a reasonable limit based on qualifications and experience higher than the minimum prescribed in the advertisement.
5. Only short-listed candidates will be communicated to appear in the interview, and no other communications in this regard will be entertained.
6. Original certificates and self-attested copies of all certificates need to be presented before the interview for verification.
7. No TA/DA will be paid if called for an interview.
8. Other relevant Guidelines of the funding agency and the GoI rules will be followed.
9. The appointment is subject to satisfactory performance. The Principal Investigator reserves the right to terminate the candidate's appointment at any stage if the performance is found to be unsatisfactory.

Signature of the PI

Dr. Brijesh Kumar

Assistant Professor

SBME, IIT(BHU) Varanasi

brijesh.bme@iitbhu.ac.in



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APPLICATION FORM FOR JRF POSITION IN THE ANRF PROJECT

Project title: **Identification And Characterization Of Breast Cancer Cell-Of-Origin And Cancer Stem Cells Within Indian Population To Discover The Promising Therapeutic Targets For Triple Negative Breast Cancer.**

Please fill up all the details in the application form properly, otherwise, your application will not be considered. Email the form along with self-attested scanned copies of the following documents in **a single pdf** to brijesh.bme@iitbhu.ac.in

1. Degree certificates with final mark sheets
2. Proof of the date of birth of the candidate
3. Caste certificate if applicable
4. GATE/NET scorecard, if applicable
5. Additional proficiency certificates, if applicable
6. Curriculum Viète (CV)

FULL NAME:

DATE OF BIRTH:

SEX:

CATEGORY (GEN/SC/ST/OBC/EWS):

MARITAL STATUS:

NATIONALITY:

PHYSICALLY HANDICAPPED (YES/NO):

NAMES OF PARENTS/GUARDIANS:

ADDRESS OF CORRESPONDENCE (WITH CONTACT NO.):

EMAIL ADDRESS:

GATE or NET SCORE/RANK WITH YEAR:

ACADEMIC BACKGROUND (STARTING FROM LATEST DEGREE UPTO SECONDARY):

Recent
photograph
with clear
background

S. No.	DEGREE	DISCIPLINE	YEAR OF PASSING	UNIVERSITY/ INSTITUTE/BOARD	PERCENT AGE/CGPA	DIVISION
1.						
2.						
3.						
4.						



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PROFESSIONAL WORK EXPERIENCE (RESEARCH/TEACHING/INDUSTRIAL), IF ANY:

S. No.	DESIGNATION	ORGANIZATION	DATE FROM	DATE TO	PERCENT AGE/CGPA	DIVISION
1.						
2.						
3.						

NATIONAL EXAMINATIONS (GATE/CSIR/UGC/LS-NET), IF ANY:

S. No.	QUALIFYING EXAMINATION	NAME OF SUBJECT	BRANCH	YEAR	VALID UP TO	SCORE AND RANK
1.						
2.						
3.						

RESEARCH PUBLICATION/PATENT/RECOGNIZATION, IF ANY:

NAME, EMAIL ADDRESSES, AND CONTACT DETAILS OF TWO REFEREES:

REFEREE NAME	DESIGNATION	EMAIL ADDRESS	CONTACT NUMBER

DECLARATION:

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

DATE:

SIGNATURE

PLACE: