

Recruitment of Junior Research Fellow
School of Biochemical Engineering, IIT (BHU) Varanasi
BIOFUEL RESEARCH LABORATORY

Applications are invited from Indian nationals for the following position for the research project entitled “**Process development for high-yield isoprene production using modified yeast system for industrial & bioenergy applications**” sponsored by Anusandhan National Research Foundation (ANRF), Government of India (ANRF/2024/000669/ENS).

Name of the position	Junior Research Fellow
Number of positions	01
Duration	3 years
Emoluments	Rs. 37000.00 + HRA <i>Initially the position is for a period of one year. However, it can be extended based on performance. The post is purely temporary and co-terminus with the project.</i>
Educational Qualifications & experience	Essential: First class in (i) M. Tech. in Biochemical Engineering, Biotechnology, Bioengineering, Bioprocess Engineering/ Technology, Chemical Engineering / Technology, Industrial Microbiology or (ii) M.Sc. in Biotechnology, Microbiology, Genetics, Biochemistry, Bioinformatics, Food Sciences, Molecular Biology, Genetic Science/ Engg, Botany, Zoology, Life Sciences and Environmental technology with qualification in GATE/NET or National level equivalent examination. Desirable: Candidates with a strong inclination in research activities which involve biofuel research with expertise in Microbial cultivation are encouraged to apply. The candidate having prior hands-on experience in molecular biology techniques, including gene cloning and handling of bioreactor, gas chromatography analysis, and bioprocess scale-up, will be preferred.
Age limit	28 years: (Age relaxation for Female/SC/ST/OBC Physically Handicapped Candidate as per govt. norms).

Interested candidates are requested to send their applications in the prescribed format (attached below) via email to the Principal Investigator, **Dr. Sanjay Kumar**, School of Biochemical Engg., IIT(BHU)Varanasi at sanjaykr.bce@iitbhu.ac.in. Please mention “**Application for JRF**” in the subject line of the email. The shortlisted candidates will be intimated by email ONLY. Along with this, it is mandatory for all interested candidates to fill out the Google form (https://docs.google.com/forms/d/e/1FAIpQLSfPQZirHwhOIpljiaBefXbET3QDXKGjWDiiS9Sag_N-Bs_Rlw/viewform?usp=dialog).

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

General Instructions:

1. The PI has the discretion to restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement.
2. Only shortlisted candidates will be communicated to appear in the interview and no other communications in this regard will be entertained.
3. Original certificates and self-attested copies of all certificates need to be presented before the interview for verification.
4. Venue of Interview: School of Biochemical Engineering, IIT(BHU) Varanasi-221005 U.P.
5. **Last date for receiving the completed application along with the completed Google form is 23rd August, 2025.** Please refer to the institute website: www.iitbhu.ac.in/positions_available for updates if any.

Dr. Sanjay Kumar, Principal Investigator,
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