

ADVERTISEMENT

Applications are invited for the following research positions with respective monthly emoluments under the DBT sponsored project “**Development of electrostatically charged Martian soil simulants through strategic surface engineering**”, funded under the **Indian Space Research Organization (ISRO)**, sanctioned up to 29th December 2027. HRA will be provided as per the institute's rules if accommodation inside the campus is not provided. The appointments will be purely temporary and co-terminus with the project. The candidates should possess essential qualifications. All things being equal, SC/ST candidates will be preferred in accordance with GOI rules.

Research Positions Details:**Junior Research Fellow (JRF)****Total number of positions: 01****Monthly Emoluments: ₹37,000/- + 20% HRA**

Essential Qualifications: 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.

Upper Age Limit: 28 years: (Age relaxation for Female/SC/ST/OBC Physically Handicapped Candidate as per govt. norms).

Google Form: <https://forms.gle/15VKDnC1Y6hE7t7x8>

Number	PI & Department	Desirable Qualifications
01	Dr. Prodyut Dhar Dept. of Biochemical Engineering, IIT (BHU) Varanasi Email-ID: {prodyut.bce@iitbhu.ac.in}	Applicants will be preferred with research experience and hands-on expertise in agriculture, soil analysis, microbial culture techniques, biomaterial synthesis or bioprocess engineering, experience in surface modification/engineering of particles or materials, knowledge of electrostatic charging, colloidal systems or particle surface interactions and laboratory scale material synthesis, nanoparticle preparation or soil/mineral characterization with experimental and analytical aptitude. Preference will be given to candidates qualified in national-level examinations (CSIR-UGC NET, GATE, DBT-BET, ICMR-JRF, etc.) and those with relevant research publications or experience in biopolymer technology.

Application, proforma appended, with self-attested copies of all the mark-sheets & certificates and details of any research or other experience, etc., if any, should be sent via email to the respective PI within 21 days of the advertisement.

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