

Advertisement for Various Research Posts at SKBET Center, IIT Bhubaneswar

Project Scientist

The SKBET center, IIT Bhubaneswar invites applications for project scientist position who are exceptionally bright and motivated, with an established record of independent and high-quality research. The position will be offered for a period of one year with the possibility of renewal thereafter for another four years with annual review.

No of Vacancies: Multiple

Minimum Qualification: Ph. D. with first class or equivalent in life sciences with a consistently very good academic record throughout and evidence of ability to pursue independent high-quality research and should be able to lead a research team.

Upper Age Limit: 40 Years

Experience: The candidate should have 5 years of post-Ph.D. research experience and must have published at least 5 research articles in peer reviewed high-quality journal(s) as a lead author on probiotics and microbiome area. The applicant should have the experience in working with the cell culture and mice models along with thorough knowledge in microbial fermentation technology. The candidate should be able to design the human/clinical trial experiments and execute it properly.

Job Responsibility: The candidate will work in the research and development of various probiotics formulations and continuously screening for potential probiotic strains and next-generation probiotics from human gut microbiota and standardize their growth conditions. In addition, the candidate needs to work on synthetic microbiome to develop microbial products for various applications. The candidate is required to design the mice and human experiments for screening various probiotic formulations. The applicant is expected to write various proposals to bring extramural funding to the center.

Salary: Rs. 67000/- + HRA

Senior Project Associate

The center is looking for senior project associate position to work in probiotics and microbiome at IIT Bhubaneswar. The position will be offered initially for a period of one year with possibility of renewal thereafter based on review of performance.

No. of Vacancies: Multiple

Minimum Qualification: Master's degree in natural sciences from a recognized university or equivalent with minimum 5 years of experience in industrial and academic institutions or science and technology organizations and scientific activities and services. The candidate should have experience of working in the probiotics and microbiome field.

Upper Age Limit: 50 Years

Experience: The candidate must have worked in microbiology/probiotics/microbiome or any related areas for minimum four years. Candidates having experience in cell culture and mouse experimentation is desired but not mandatory. The candidate should be able to work in coordination with other team members.

The candidate should have the experience in scientific writings and grant writings. Experience in genomics, metagenomics, and metabolomics data analysis is expected but not mandatory.

Job Responsibility: The candidate is required to work on screening of various probiotic strains and formulations in mammalian cell culture and mouse models in the beginning followed by clinical trial studies in human subjects. The candidate will perform cytotoxicity studies with various immunological and gut epithelial cell lines following treatment with the screened probiotics strains and formulations.

Salary: 42000/- + HRA

Project Associate/SRF/JRF

. The SKBET center is looking for Project associate/SRF/JRF positions to work on the field of probiotics and microbiome at IIT Bhubaneswar. The position will be offered initially for a period of one year with possibility of renewal thereafter based on review of performance.

No. Of Vacancies: Multiple

Minimum Qualification: M.Sc. with first class or equivalent in life sciences with a consistently very good academic record throughout.

Upper Age Limit: 35 Years

Experience: The candidate should have working experience in microbiology. Experience in cell culture techniques and molecular biology techniques will be given preference. Prior experience in the probiotics research will be preferred. The candidate should be able to work in coordination with other team members. Experience in bioinformatics, analytical instrumentation and data analysis is desired but not mandatory.

Job Responsibility: The candidate is required to work on screening of various probiotic formulations in mammalian cell culture and mouse models in the beginning followed by clinical trial studies later. The candidate will perform cytotoxicity studies with various immunological and gut epithelial cell lines following treatment with the screened probiotics strains and formulations. The candidate should be able to present his/her own experimental data as scientific writeups.

Salary: Rupees 31000/- + HRA

Laboratory Assistant

The SKBET center is looking for a laboratory assistant position to work on probiotics research area at IIT Bhubaneswar. The position will be offered initially for a period of one year with possibility of renewal thereafter based on review of performance.

No. Of Vacancies: 01

Minimum Qualification: B.Sc. with first class or equivalent in life sciences with a consistently very good academic record throughout.

Upper Age Limit: 50 Years

Experience: The candidate should have the knowledge of handling various instruments related to microbiology, cell biology, and molecular biology. The candidate should have taken basic training in

animal handling, and microbiology. Prior working experience in the field of probiotics will be given preference. The candidate should be able to work in coordination with other team members.

Job Responsibility: The candidate is required to work on screening of various probiotic formulations in mammalian cell culture. The candidate should take care of the general laboratory instruments present in the SKBET center.

Salary: Rupees 20000/- + HRA

GENERAL INSTRUCTIONS

1. The candidates are required to apply through ONLINE process. Please visit Institute website www.webapps.iitbbs.ac.in/skbet for online application. The opening date of submission of online application is **23.11.2022** and closing date is **13.12.2022**. The last date for receipt of hard copy of application form and the supported documents is **18.12.2022**. The documents should be sent in the following address: **The Coordinator, Room No. 108, SKBET Office, SBS, IIT Bhubaneswar, Arugul, Jatni, Pin-752050**. The envelop should clearly mention the position applied for.
2. The candidates applying from Government Organizations or Public Sector Undertakings should additionally submit hard copy of the application duly forwarded through proper channel by **18.12.2022**. Otherwise, they will be required to produce a NO OBJECTION CERTIFICATE from their employer at the time of interview.
3. No TA/DA shall be provided to the candidates for attending the interview.
4. Mere eligibility will not vest any right on any candidate for being called for interview.
5. Minimum requirement of experience may be relaxed in respect of outstanding candidates.
6. The Institute reserves the right to call only the requisite number of candidates for interview after shortlisting in terms of the candidates' qualification, suitability and experience.
7. The decision of the Institute in all matters of selection is final.
8. NO INTERIM ENQUIRIES SHALL BE ENTERTAINED.
9. Canvassing in any manner would entail disqualification of the candidature.
10. For any queries regarding this application "Mr Bijay Kumar Samantaray, bijay@iitbbs.ac.in" may be contacted.