

Advertisement for Various Research Posts at SKBET Center, IIT Bhubaneswar

Project Scientist

The SKBET center, IIT Bhubaneswar invites applications for Project Scientist (D) 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 Three years with annual review and there is a possibility of renewal thereafter subject to the need & performance.

No of Vacancies: 1

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 handle research projects independently.

Upper Age Limit: 45 Years

Experience: The candidate should have 7 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. 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.

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 candidate should be comfortable to work on other research areas that require microbiology and microbiome technology. The applicant is expected to write various proposals to bring extramural funding to the center.

Salary: Rs. 78000/- + HRA as applicable

Junior Research Fellow

. The SKBET center is looking for a JRF position with expertise in AI/ML and data science 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 subject to the need & performance.

No. Of Vacancies: 1

Minimum Qualification: B. Tech (CSE) with proficiency in programming languages like Python, knowledge of machine learning algorithms, and experience with data analysis & qualified in GATE.

Upper Age Limit: 30 Years

Experience: The candidate should have experience in computer programming languages, knowledge of machine learning algorithms, and experience with visual data analysis. 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. Experience in complex algorithms of deep learning and artificial neural networks will be given priority. Complex tasks such as image classification, object detection, face recognition, machine translation, dialogue generation, etc., you will need more complex algorithms that fall in the deep learning category, which is based on artificial neural networks.

Job Responsibility: The candidate is required to work on complex tasks such as image classification, object detection, machine translation, and dialogue generation through machine learning algorithms. The candidate should be able to present his/her own experimental data as scientific writeups.

Salary: Rupees 37000/- +HRA as applicable

GENERAL INSTRUCTIONS

1. The candidates are required to apply through ONLINE process. Please visit the website www.webapps.iitbbs.ac.in/skbet for online application. The opening date of submission of online application is **08.07.2024** and closing date is **28.07.2024**.
2. The candidates applying from Government Organizations or Public Sector Undertakings should additionally submit copy of the application duly forwarded through proper channel. 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 SKBET center 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 SKBET Center 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. The positions are purely temporary in nature and it has nothing to do with permanent position in the center.

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Coordinator