



INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Sponsored Research and Industrial Consultancy (SRIC)

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इस संस्थान के यांत्रिक विज्ञान विद्यापीठ में किए गए विशुद्ध रूप से समयबद्ध शोध परियोजना में निम्नलिखित कार्यभार के लिए निर्धारित प्रारूप पर आवेदन आमंत्रित किए जाते हैं/ Applications are invited on prescribed format for the following assignment on purely temporary contract basis in time bound research project undertaken in the School of Mechanical Sciences of this Institute.

1. अस्थायी पद का नाम/ Name of the : **Project Research Scientist-I – 1 Post**
Temporary Assignment
2. अस्थायी अनुसंधान परियोजना का नाम/ Name of the temporary research Project : "AI-powered tool for autonomous identification of retinal phenotypes as potential biomarkers for Schizophrenia spectrum disorder"
3. फंडिंग एजेंसी का नाम/ Name of the Funding Agency : ICMR
4. पारिश्रमिक/ Emolument : ₹ 56,000/- + HRA@18% per month.
5. योग्यता और अनुभव/ Qualification & Experiences : **As per Annexure-I**
6. आयु सीमा/Age Limit : The age of the applicant should be less than 35 years as on last date of submission of application and candidates belonging to SC/ST/OBC/PWD will be given age relaxation as per Government rules.
7. परियोजना की अवधि/ Duration of the project : 1 Year (01.05.2024 to 30.04.2025)
8. नियुक्ति की अवधि/ Appointment Duration : Till end of the project i.e. upto 30.04.2025
9. चयन प्रक्रिया/ Selection Process : The selection process will be based on interview.

Interested eligible persons may apply through online application system on or before **5th June 2024.**

To complete the registration process, please visit the Institute's website: www.iitbbs.ac.in/jobs-iitbbs.php
After entering to the website, select the option '**Recruitment for Research Project Work**' and fill up the online application form after completion of registration process.

Selection to the post will be done through interaction only from among the shortlisted candidates. There is no need to send hard copy of the application. The shortlisted candidates will be intimated through email only for interview.

Sd/-
उप कुलसचिव (श्रीक)
Dy. Registrar (SRIC)

Annexure-I

A. **For the post of Project Research Scientist-I:** No. of Position – 01

Project Research Scientist-I

Educational qualification: M.E/M.Tech with 65% or 7.00 CGPA with two years of experience **(or)** PhD in Mechanical Engineering/ Mechatronics engineering/ Robotics engineering/Artificial Intelligence/ Computer Science/ Electronics or any relevant branch of engineering.

Computer proficiency requirement: Python/C/C++/MATLAB programming, AI and Deep Learning and MS Office **(Prior knowledge of AI and ML is mandatory)**

Age limit: Less than 35 years as on the date of interview. Age relaxation can be considered in case of candidates with exceptional academic record.

Job description:

1. The candidate should be very good in programming and should be able to write Python code.
2. Knowledge about biomechanics is needed.
3. **Prior knowledge of AI and ML is mandatory.**
4. Knowledge about image processing is a plus.
5. The candidate needs to interact/work with ophthalmologists and clinicians, and should be willing to travel to hospitals within the city.
6. Perform variety of roles in Laboratories
7. Capable of preparing reports and developing research articles
8. Ability to perform literature review and capable of developing new algorithms for medical image processing
