



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर/INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

अनुसंधान एवं विकास (आर एवं डी)/Research and Development (R&D)

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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 Temporary Assignment : **Junior Research Fellow (JRF) – 1 position**
2. अस्थायी अनुसंधान परियोजना का नाम/ Name of the temporary research Project : “Analysis and design of elastodynamic metamaterials for vibro acoustic control type”.
3. फंडिंग एजेंसी का नाम/ Name of the Funding Agency : Naval Physical and Oceanographic laboratory (NPOL), Ministry of Defence
4. पारिश्रमिक/ Remuneration : **₹ 31,000/- per month**
5. योग्यता और अनुभव/ Qualification & Experiences : B.E/B.Tech in Mechanical Engineering with 65% or 7.00 CGPA with two years of experience (can be relaxed for academic exceptional candidates) or B.E/B.Tech in Mechanical Engineering with 65% or 7.00 CGPA and M.Tech in mechanical system with 70% or 7.50 CGPA.

Desirable qualities: Should have strong background in solid Mechanics, Vibrations/ Acoustics, Engineering Mathematics (especially in PDEs and Linear Algebra) should have experience in simulation works. Should NOT apply IF NOT IN LOVE READING AND PROGRAMMING.

Computer Proficiency Requirement: Ansys/ COMSOL, Solidworks, MATLAB programming, MS Office.

6. Age Limit : Less than 30 years as on the date of interview. Age relaxation can be considered in case of candidates with exceptional academic record.
7. Job Description :
 1. Required to perform simulation works using Ansys/COMOL by reading lots of technical articles.
 2. Required to understand, derive, and reproduce results from journal articles.
 3. Required to write weekly and monthly report on the progress.
 4. Required to communicate with the funding agency on regular basis.
 5. Required to prepare journal papers/patent documents.

8. परियोजना की अवधि/
Duration of the project : 18 months
9. नियुक्ति की अवधि/ Duration : Upto 18-months with yearly review on satisfactory
Appointment performance.
10. चयन प्रक्रिया/ Selection Process : The selection process will be based on interview.

Interested eligible persons may apply through online application system on or before **10th May 2022.**

To complete the registration process, please visit the Institute's website: www.iitbbs.ac.in. After entering the website, go to the '**Jobs**' tab at the top then 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 online 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 online Interaction with the designated Committee through skype/google meet etc.

Sd/-
सहा. कुलसचिव(आर एवं डी)
Asst. Registrar (R&D)