



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर/INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

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

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**Advt. No. : IITBBS/R&D/RP303/Rect/04/2022-23 Date: 21.04.2022**

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 : “Stability and contact problems of inflatable structures”.
3. फंडिंग एजेंसी का नाम/ Name of the Funding Agency : Ministry of Science and Technology
4. पारिश्रमिक/ Remuneration : **₹ 31,000 + HRA @16% per month**
5. योग्यता और अनुभव/ Qualification & Experiences : B.E/ B.Tech in Mechanical Engineering, Manufacturing/ Production Engineering, Aerospace Engineering with 65% or 7.00 CGPA with two years of experience (OR) B.E/ B.Tech in Mechanical Engineering, Manufacturing/ Production Engineering, Aerospace Engineering with 65% or 7.00 CGPA and M.Tech in Mechanical System Design/ Machine Design with 70% or 7.50 CGPA  
**Computer Proficiency Requirement:** MATLAB/ Mathematics Programming, ANSYS and MS Office.
6. Age Limit : Preferably less than 32 years as on the date of interview. Age relaxation can be considered in case of candidates with exceptional academic record.
7. Job Description :
  1. Coding mechanical problems with nonlinearity in MATLAB.
  2. Development of mathematical model for large deformation elasticity problems.
  3. Ability to grasp and solve highly-computational solid mechanics problems.
  4. Performing variety of roles in Laboratories.
  5. Capable of preparing reports and developing research articles.
8. परियोजना की अवधि/ Duration of the project : 5 years
9. नियुक्ति की अवधि/ Appointment Duration : Upto 5-years with annual review on satisfactory 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 **10<sup>th</sup> May 2022.**

To complete the registration process, please visit the Institute's website: [www.iitbbs.ac.in](http://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)