



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 : **Junior Research Fellow – 1 Post**
Temporary Assignment
2. अस्थायी अनुसंधान परियोजना का नाम/ : “Titanium alloy based fine featured Cranial Implant development using Incremental forming and ECM”
Name of the temporary research Project
3. फंडिंग एजेंसी का नाम/ Name of the : SERB-DST
Funding Agency
4. पारिश्रमिक/ Emolument : **₹ 31,000/- + HRA@16% per month.**
5. योग्यता और अनुभव/ Qualification & : **As per Annexure-I**
Experiences
6. आयु सीमा/Age Limit : The age of the applicant should be less than 30 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 : 3 Years (28.12.2021 to 27.12.2024)
8. नियक्ति की अवधि/ Duration : Till the end of the project i.e. upto 27.12.2024.
Appointment
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 **4th February 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 कलसचिव (श्रीक.)
Dy. Registrar (SRIC)

ANNEXURE I

A. For the post of JRF: No. of Position – 01 (Mechanical)

Junior Research Fellow (Mechanical)

Educational qualification:

- (1) B.E/B.Tech Mechanical Engineering, Manufacturing/ Production Engg., with First Class and M. Tech with First Class in CAD-CAM / Mechatronics/ Manufacturing/Production Engg/ Mechanical System design.
- (2) With GATE (ME/PI) qualification

Computer proficiency requirement: SolidWorks, CAE tools like Ansys/Abaqus, MATLAB programming,

Desired: prior knowledge on experimental setup containing electrical and electronic circuits, reverse engineering, tool path planning, etc.

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.

Job description:

1. Capable of working with solid modeling and software like Matlab, Ansys, Abaqus, Solidworks etc.
2. Ability to perform literature review and capable of developing new innovative designs setups and material testing.
3. Handling machines/equipment for the fabrication work.
4. Perform variety of roles in Laboratories.
5. Capable of preparing reports and developing research articles.
