



**राष्ट्रीय प्रौद्योगिकी संस्थान श्रीनगर**  
**NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR**  
(An autonomous Institute of National Importance under the aegis of the Ministry of HRD, Govt. of India)  
**Hazratbal, Srinagar Jammu and Kashmir, 190006, INDIA**  
**यांत्रिकी अभियांत्रिकी विभाग**  
**Department of Mechanical Engineering**

Date: Monday, 01 July 2024

**Advertisement for the Post of Junior Research Fellow (JRF)**

Applications are invited from motivated, innovative and eligible candidates for 01 (one) position of **Junior Research Fellow (JRF)** to work on the project titled “**Design and Development of Novel TiN-CrN-ZrN functionally graded composite coatings for biomedical implant material**” funded by SERB under the Core Research Grant (CRG) scheme in the Department of Mechanical Engineering, National Institute of Technology Srinagar, Jammu & Kashmir as per details given below:

**Qualification:**

- Post Graduate (ME/M.Tech) degree with a minimum of 60% marks or a CGPA 6.5 /10 in Mechanical Engineering/ Metallurgical & Material Engineering or other relevant fields.

**Age Limit:**

- Maximum age limit for JRF is 35 years as of the last date of applications. The upper age will be relaxed up to 5 years for reserved category candidates (SC/ST/Person with Disability (PWD) and 3 years for OBC non-creamy layer candidates.

**Preferred Experience:**

- Candidates with experience in the Synthesis & Characterization of Materials will be given preference.

**Nature & Duration of Post:**

- Initial appointment as JRF for one year, with the possibility of extension for an additional year, subject to satisfactory performance and the availability of funds.

**Emoluments:**

- Rs. 37,000/- (Rupees thirty-seven thousand) per month + HRA as per Institute norms.

**Application procedure:**

- Interested candidates should send their duly filled application form (attached), and a detailed CV, including contact details of two referees. The CV must include contact details (address, phone number, email ID), date of birth, qualifications, industrial/academic experience, and publication details (if any). All testimonials (scanned copies of mark sheets, degree certificates, experience certificates, and valid proof) must be combined into a single PDF file and sent via email to [mohsinkhan@nitsri.ac.in](mailto:mohsinkhan@nitsri.ac.in) or delivered in person to the office of the Mechanical Engineering Department, NIT Srinagar. The subject line should clearly indicate "Application for the post of JRF under Project Title “Design and Development of Novel TiN-CrN-ZrN functionally graded composite coatings for biomedical implant material”. **The last date for receiving applications is 15<sup>th</sup> July 2024.**



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### Screening and Interview Process

- Candidates will be shortlisted based on merit and project requirements. Meeting the eligibility criteria does not guarantee shortlisting. Shortlisted candidates will be notified via email and invited for an interview, which is expected to be conducted shortly after shortlisting. The selected candidate is expected to join within a week of the interview date. Please note that no TA/DA will be provided to attend the interview in physical mode.

For enquiry, please contact

<b>Dr. Mohammad Mohsin Khan (PI)</b> Mechanical Engineering Department National Institute of Technology Srinagar Email: <a href="mailto:mohsinkhan@nitsri.ac.in">mohsinkhan@nitsri.ac.in</a> Contact: 6265750295	<b>Dr. Abhijit Dey (Co-PI)</b> Mechanical Engineering Department National Institute of Technology Srinagar	<b>Prof. M. F. Wani (Co-PI)</b> Mechanical Engineering Department National Institute of Technology Srinagar
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**Application Form**

Application	Junior Research Fellow (JRF) under Research Project entitled:
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Name (Block Letters)		<b>Do not staple</b>  <b>Paste Recent Passport Size Colour Photograph</b>		
Parentage / Guardian Name				
Date of Birth				
Age (On date of application)				
Place of Birth				
Marital Status				
Rural/Urban				
Mobile No				
Email Id				
<b>Permanent Address</b>	<b>Address for Correspondence</b>			
<b>QUALIFYING EXAMINATIONS</b>				
<b>Degree</b>	<b>Specialization /Subjects</b>	<b>Institution / University / Board</b>	<b>Year</b>	<b>Percentage/CGPA</b>
M Tech				
B Tech				
Hr Sec II (12 <sup>th</sup> )				
SSC (10 <sup>th</sup> )				
Any Other				
	<b>Documents Submitted</b>	<b>8.</b>		
<b>1.</b>		<b>9.</b>		
<b>2.</b>		<b>10</b>		
<b>3.</b>			<b>Documents Awaited (If Any)</b>	
<b>4.</b>		<b>1.</b>		
<b>5.</b>		<b>2.</b>		
<b>6.</b>		<b>3.</b>		
<b>7.</b>		<b>4.</b>		

**Research Publications**

Total number of publications	
List of Publications	



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**Research Experience / Employment Details**

Organization	Period (From-To )	Designation / Other Details

**Contact details of two referees:**

	Reference I	Reference II
Name		
Designation		
Organization		
Office Address		
Phone / Mobile Number		
Email ID		

**Any Other Relevant Information:** \_\_\_\_\_

**I solemnly affirm that:**

- (a) The aforementioned particulars I gave are correct, and the documents furnished are genuine.
- (b) My application for the National Institute of Technology Srinagar position is purely provisional at my own risk and responsibility, subject to verification of all academic documents. In case of my discrepancy found therein at any stage, my application shall be treated as cancelled.
- (c) I shall abide by the rules and regulations at present in force or those that may hereafter be made applicable by the Institute. I undertake that so long as I am a fellow of the Institute, I will do nothing either inside or outside the Institute campus that will interfere with its orderly working and discipline.
- (d) I have not been convicted of any criminal offence, nor have I been released on bail in connection with any criminal case.
- (e) No case of criminal offence or mortal turpitude is pending against me in any court of law.
- (f) No complaint or F.I.R. has been lodged against me by the university / Institute/principal of the constituent Instituted /Affiliated Institute by the Department where I am/was working (For sponsored candidates only).

\_\_\_\_\_  
Signature of the Applicant

Dated: \_\_\_\_\_

**FOR OFFICE USE ONLY**

No: NIT/MED/2024/\_\_\_\_\_

DT: July, 2024