



राष्ट्रीय प्रौद्योगिकी संस्थान रायपुर NATIONAL INSTITUTE OF TECHNOLOGY, RAIPUR

(राष्ट्रीय महत्त्व का संस्थान/ Institute of National Importance)

शिक्षा मंत्रालय के अधीन, भारत सरकार/ Under Ministry of Education, Govt. of India



धातुकीय एवं पदार्थ अभियांत्रिकी विभाग

DEPARTMENT OF METALLURGICAL & MATERIALS ENGINEERING

जी. ई. रोड, रायपुर – 492010 (छ. ग.), G.E. Road, Raipur – 492010 (C.G.)

Date: 11/03/2025

ADVERTISEMENT NO: NITRR/MME/VL/2025/01

Applications in the prescribed format are invited for the post of Research Fellow (one) **under the Industrial Consultancy Project sponsored by Vedanta Aluminium Limited, Jharsuguda (VL) (PO no. 3600006506)**. Interested and eligible candidate can email the PI with their CV, prescribed form and **necessary** documents. The interview will be conducted on 24/03/2025 from 10.30 A.M. onwards, in the Department of Metallurgical and Materials Engineering.

Name of the Position	Research Fellow (RF)
Number of vacancies	One (01)
Project Title	<i>“Development of Lab Scale Forced Convection Direct Chill Caster to Achieve Uniform Grain Structure and Homogenized Composition of Aluminium and its Alloys”</i>
Principal Investigator	Dr. Sanjeev Das Associate professor Department of Metallurgical and Materials Engineering NIT Raipur, Chhattisgarh – 492010 Email: sdas.mme@nitrr.ac.in
Funding Agency	Vedanta Aluminium Limited, Jharsuguda (VL)
Tenure of Scheme & Assignment	06 Month as RF
Monthly fellowship	Consolidated Scholarship: Rs. 50000/- per month
Essential qualifications	Ph.D. Degree in Metallurgical / Mechanical / Production or any other relevant engineering branch or M. Tech with minimum 05 years of research in relevant areas.
Desirable qualification	Knowledge of foundry technology, solidification, design, electromagnetism, and simulation; experience with casting processes, grain refinement techniques, and aluminium alloy development.
Other skills	Smart, effective communication and writing skills (English), management skills, leadership.
Date and time of Interview	Interview will be conducted on 24/03/2025 from 10.30 A.M. onwards, in the Department of Metallurgical and Materials Engineering.

Terms and Conditions:

1. The above position is purely temporary for a period of six months.
2. Candidates must send their CV and prescribed form via email to principal investigator on or before 21st March 2025.
3. Candidates are required to appear for the interview with scan/photocopy of curriculum vitae and all relevant original certificates.
4. Selected candidates will not be permitted to claim for any regular/part time appointments in this institute or any other institutes during this period.
5. Canvassing in any form will disqualify the candidature and the appointment shall be co-terminus with the project.

For further details please contact:

Dr. Sanjeev Das
Associate Professor, Department of Metallurgical and Materials Engineering
NIT Raipur, G.E. Road, Raipur, Chhattisgarh – 492010
Email: sdas.mme@nitrr.ac.in / sanjeevdas80@gmail.com
Contact No: 9436735328, 7005707288
Copy to – Webmaster to upload the advertisement in the institute website.



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Application for Research Fellow

1. Name of Applicant:

2. Address :

Phone:

Email ID:

3. Date of Birth :

4. Nationality :

5. Category :

6. Gender :

7. Complete Academic Record (Starting from 10th/matriculation) (attach certificates)

Paste your
recent colour
photograph
here

S. No.	Degree	Specialization	University/Institute	Year of Completion	% Marks and Division

8. Areas of Interest:

9. Publications/conference participation (National/International) (Attach proofs):

10. Research experience (Attach proof):

11. Whether GATE/CSIR-UGC NET qualified (Attach proof):

11. Any Other Relevant Information:

UNDERTAKING

I understand that it is a contractual engagement on purely temporary basis for the Project. I declare that the abovementioned details are correct to the best of my knowledge and belief. I understand that action can be taken against me if these are found to be incorrect. I agree to all the terms and conditions of the associated advertisement, ICMR and DHR, India and NIT Raipur.

Date :

Place :

Signature of Applicant