राष्ट्रीय प्रौद्योगिकी संस्थान आंध्र प्रदेश
NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH
(*An autonomous Institute under the aegis of Ministry of Education, Govt. of India*)
Tadepalligudem – 534101 West Godavari District, Andhra Pradesh, India
Department of Mechanical Engineering

No.: NITANP/DMEC/SERB-CRG/TBR/2025/ 3964 **Date:21/01/2025**

Advertisement for the Position of Junior Research Fellow under the ANRF Project (CRG/2023/007465)

Applications are invited from interested candidates for the position of Junior Research Fellow (JRF) to work on the R&D project under the Department of Science and Technology (DST) - Science & Engineering Research Board (SERB), Core Research Grant (CRG) scheme, Govt. of India, sponsored project bearing the sanction number CRG/2023/007465 undertaken in the Department of Mechanical Engineering, NIT Andhra Pradesh, Tadepalligudem.

Details of Qualifications, Emoluments, and Duration are given below:

S. No.	Particulars	Details
1.	Name of the Position	**Junior Research Fellow (JRF)**
2.	Project Title	Artificial intelligence with a multi-sensor system for intelligent process monitoring and characterization of defects in laser cladding of multi-layer metal matrix composites.
3.	Essential Qualifications	B.E/B.Tech in Mechanical Engineering and M.E/M.Tech. in relevant specializations of Mechanical Engineering with 60% aggregate marks (or a minimum CGPA of 6.5) either in UG or PG level for UR/EWS/OBC-NCL category with a GATE/NET qualification. For SC/ST/PwD candidates, 55% aggregate (or above) marks or equivalent CGPA of 6.0 with a GATE/NET qualification.
4.	Desired skills& experience	Processing and Characterization of Metal Matrix Composite Materials, Machine learning, Deep learning
5.	Sponsoring Agency and Scheme	SERB, Department of Science and Technology (DST).
6.	No. of positions	01
7.	Consolidated monthly Salary	Rs. 37,000/- per month + HRA (As applicable) during the 1st & 2nd Year. Rs. 42,000/- per month + HRA (As applicable) during the 3rd Year.
8.	Principal Investigator	Dr. Thella Babu Rao Asst. Prof., Mechanical Engineering
9.	Tenure of Assignment	30 months or till the completion of the project, whichever is earlier.
10.	Other Benefits	The selected candidate is eligible to register for Ph.D. degree at NITAndhra Pradesh as per institute rules.
11.	Last date for receipt of application	**10.02.2025**
12.	The date and Time for the Interview	**15.02.2025 at 10.00 AM (Tentative)**
13.	Venue**	Dean - R&C office, Administrative Vista National Institute of Technology Andhra Pradesh, Tadepalligudem- 534101,

		Andhra Pradesh, India
14.	Documents Required	Applicant should bring all original certificates including mark sheets (matriculation onwards), GATE/NET qualifications, experience certificate(s), monthly emoluments/salary drawn, publications, and other relevant documents (including one set of self-attested certificates, updated CV, and filled-in application form) at the time interview.

How to Apply:

Eligible candidates may send the soft copy of the filled-in application form as given below format along with the detailed CV and educational, GATE qualification, and experience certificates to **thellababurao@nitandhra.ac.in** (Dr. Thella Babu Rao, Assistant Professor & Head, Department of Mechanical Engineering, NIT Andhra Pradesh). No hard copies of the application will be accepted. Only the shortlisted candidates will be informed by email.

Selection Procedure:

The date of the Interview/Written test, Reporting time, and Mode of Interview will be intimidated to only the shortlisted candidates by e-mail. Selection will be based on qualification, experience, and interview performance.

For more details of the project, please do contact:
Dr. Thella Babu Rao
Assistant Professor & PI of the Project.
Department of Mechanical Engineering
National Institute of Technology Andhra Pradesh
Email: thellababurao@nitandhra.ac.in

General Instructions to the applicants:

1. Selected candidates shall not have a claim on any regular position and shall not be bestowed any of the privileges like Housing, Medical Facility, and Other benefits available to regular employees of the Institute.
2. Applicants are advised to ensure, before appearing for the Selection Process, that they possess the minimum essential qualification and experience laid down for the post. Qualification obtained has to be from a recognized University/Institute. Eligibility in terms of age, qualification, and experience of a candidate shall be considered as on the last date for receipt of the application.
3. No TA/DA will be paid for attending the interview.
4. In case of any inadvertent mistake in the process of selection, which may be detected at any stage even after the issue of the appointment letter, the Institute reserves the right to modify, withdraw, or cancel any communication made to the applicants.
5. After joining the service of the Institute, the person will have to abide by the Rules, Regulations, Ordinances, Statutes, and acts of the Institute applicable from time to time. He/She may be assigned any duty within or outside the Institute depending upon the exigency of the work.
6. In case of any dispute/ambiguity that may occur in the process of selection, the decision of the Institute shall be final.
7. For a query related to the selection process, the applicant may send an email to thellababurao@nitandhra.ac.in, queries through phone calls or in-person will not be entertained. Also, inquiries/queries related to eligibility for the post/interpretation of rules will not be entertained.

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Application for the Position of JRF

Date:

Project: "**Artificial intelligence with a multi-sensor system for intelligent process monitoring and characterization of defects in laser cladding of multi-layer metal matrix composites**".

Passport size Recent Photograph

Last Date of Application: 10.02.2025

1. Name of the Candidate (In BLOCK LETTERS) :
2. Date of Birth (DOB) :
3. Sex (M/F) :
4. Marital Status (Single/Married) :
5. Category (General/OBC/SC/ST) :
6. Nationality :
7. Name of the Post applied for :
8. Aadhar No. :
9. Mobile No. :
10. Email Address :
11. Address :

Correspondence:	**Permanent**:

12. Academic/Professional Qualifications :

(Attach the copy of the proof, mark sheet/grade card, etc)

Educational Qualifications	Institute/ University/ Board	Discipline/ Field	Year of Passing	Class/ Division	% of Marks/ CGPA
M. Tech./ M. E					
B. Tech./ B. E					
12th Standard					
SSC/10th					
GATE/NET:	Year of Qualified:			GATE Rank:	

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14. Details of Work Experience :

(*Enclose the copy of the experience certificate and/or NOC*)

15. Previous Research work and Publications if any :

(enclose the first page of the publication)

DECLARATION

I hereby declare that all the statements made in this application are true, complete, and correct to the best of my knowledge and belief. In the event of the information being found false or incorrect or any ineligibility being detected before or after the selection, my candidature is liable to be cancelled.

Date: Signature of the applicant

Place: