राष्ट्रीय प्रौद्योगिकी संस्थान- आंध्रप्रदेश
NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH
TADEPALLIGUDEM – 534101, WEST GODAVARI DIST., ANDHRA PRADESH, INDIA.

NITANP/DMME/DRDO-AR&DB/RA/2026/01 **Date: 11.04.2026**

ADVERTISEMENT FOR RESEARCH ASSOCIATE POSITION

Applications are invited from interested candidates for one temporary **Research Associate (RA-I)** position under the **DRDO-AR&DB** sponsored project entitled "**Development of ML model for enhancing environmentally assisted corrosion resistance of Aero-grade Aluminium alloys**" sanctioned for a total duration of **03 years.**

Details of Qualifications, Emoluments and Duration are given below:

Name of the Position	**Research Associate (RA-I)**
Essential Qualifications	**Ph.D. in Metallurgical Engineering/ Metallurgical & Materials Engineering with atleast two research papers in a Science Citation Indexed (SCI) journal.**
Desired Skills & Experience	• Strong foundation in corrosion science, particularly environmentally assisted corrosion (EAC) mechanisms such as pitting, intergranular corrosion, and stress corrosion cracking in aluminium alloys. • Hands-on experience with electrochemical techniques: potentiodynamic polarization, electrochemical impedance spectroscopy (EIS), cyclic polarization etc. • Proficiency in microstructural and surface characterization: SEM, EBSD, TEM, XRD, AFM, and optical microscopy. • Experience working with aero-grade aluminium alloys (2XXX, 7XXX series) and their heat treatment/processing routes. • Strong background in data-driven approaches for materials science (regression, classification, feature engineering, model validation). • Proven track record of scientific publications, technical reports, or project involvement in relevant areas.
Duration/ Tenure	01 year, can be extended for another year based on satisfactory performance and availability of funds, and as per norms.
Consolidated monthly Salary	63,800/- per month
Investigators	Dr. Raffi Mohammed, DMME, NIT Andhra Pradesh Dr. Kiran Teeparthi, DEEN, NIT Andhra Pradesh
Last date for receipt of application	**25.04.2026**

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How to Apply:

Interested candidates are required send soft copy of the filled-in application form on or before **25.04.2026** to raffimohammed@nitandhra.ac.in with the subject marked as **"DRDO-AR&DB-2026-Application-RA"** in the prescribed format as attached, along with self-attested copies of all mark sheets & certificates and details of any research or other experience, updated CV etc., (in a single PDF file). **No need to send the hard copy.**

Selection Procedure: Date of Interview, and Reporting time will be intimidated to the shortlisted candidates by e-mail. Selection will be based on qualification, experience, and interview performance.

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 Facilities 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. The qualification obtained has to be from a recognized University/Institute.
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 Act 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. The Institute shall verify the antecedents or documents submitted by a person at the time of appointment or during the tenure of the service. In case it is detected that the documents submitted by the candidates are fake, or the person has clandestine antecedents or background and has suppressed the said information, then his/her services shall be terminated forthwith, and legal action may be initiated against such candidates/employees.
7. In case of any dispute/ambiguity that may occur in the process of selection, the decision of the Institute shall be final.
8. For a query related to the selection process, the **applicant may send an email to** raffimohammed@nitandhra.ac.in with the subject marked **"DRDO-AR&DB- 2026-Query-RA".**

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TADEPALLIGUDEM – 534101, WEST GODAVARI DIST., ANDHRA PRADESH, INDIA.

Application for the Position of Research Associate (RA-I)

Passport size Recent Photograph

DRDO-AR&DB Project: **Development of ML model for enhancing environmentally assisted corrosion resistance of Aero-grade Aluminium alloys**

Last Date of Application: 25.04.2026

1.	Name of the Candidate (In BLOCK LETTERS)	
2.	Date of Birth (DOB)	
	Age in Years as on Closing Date of Application (DD-MM-YY)	
3.	Sex (M/F)	
4.	Marital Status (Single/Married)	
5.	Category (UR/EWS/OBC/SC/ST)	
6.	Nationality	
7.	Name of the Post applied for	
8.	Mobile No.	
9.	Email Address	
10.	Address (Correspondence)	
	Address (Permanent)	
11.	Academic Qualifications (Attach the copy of proof, mark sheet/grade card, etc.):	
Ph.D.	Institute/ University	
	Discipline/ Field	
	Year of Passing	
	Class/ Division	
	% of Marks/ CGPA	
MTech/M.E.	Institute/ University	
	Discipline/ Field	
	Year of Passing	
	Class/ Division	
	% of Marks/ CGPA	
	Institute/ Board	

BTech/B.E.	Discipline/ Field	
	Year of Passing	
	Class/ Division	
	% of Marks/ CGPA	
HSC / 12th	Institute/ Board	
	Discipline/ Field	
	Year of Passing	
	Class/ Division	
	% of Marks/ CGPA	
SSC / 10th	Institute/ Board	
	Discipline/ Field	
	Year of Passing	
	Class/ Division	

12.	GATE/NET Qualification (Yes/No)		
Appeared Year:		GATE/NET Rank:	GATE/NET Score:
13.	Details of work Experience if any: (Enclose the copy of the experience certificate and/or NOC)		
14.	Previous Research work and Publications if any (enclose the first page of a publication):		
15.	Awards / Achievements (if any).		

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
Place

Signature of the Applicant