



**CENTRE FOR EXCELLENCE IN AUTOMOBILE TECHNOLOGY (CEAT)
DEPARTMENT OF AUTOMOBILE ENGINEERING
MADRAS INSTITUTE OF TECHNOLOGY (MIT) CAMPUS
ANNA UNIVERSITY, CHENNAI.**

Date: 11.09.2023

CALL FOR RESEARCH ASSOCIATE

Applications are invited for the position of **RESEARCH ASSOCIATE** for the project sanctioned by Government of TamilNadu as detailed below:

Name of the Project	: Establishment of Centre of Excellence in Automobile Technology
Funding Agency	: Government of TamilNadu / Anna University / Industry
Project Position	: Research Associate
Number of Post	: 4 (Four)
Project Duration	: 3 (Three) years
Emoluments per month	: Rs. 32,000/- (Rupees Thirty Two Thousands Only) consolidated
Essential Qualification	: First class B.E. / B.Tech in Mechanical / Automobile / Electrical and Electronics Engineering (OR) any other appropriate engineering <p style="text-align: center;">AND</p> First class M.E / M.Tech in Automobile Engineering / Automotive Electronics / IC Engines / Mechatronics / Engineering Design / Applied Electronics / VLSI Design / EV Technology (OR) any other appropriate relevant specialization GATE / equivalent national level test score is highly desirable
Max. age	: 35 years, as on i.e., 31.07.2023
Research Area	: <ol style="list-style-type: none">1. Fuel Cell Technology2. Automotive Emission Control3. Gasoline Direct Injection System4. Electric Vehicle Technology
Job Description	: <ul style="list-style-type: none">• To design, simulate and develop fuel efficient vehicle using alternative sources of energy• To develop Advanced Fuel Cell and its applications• To Design and Simulate GDI engine technology• To Design, Simulate and Develop low emission engine• To compile test results, Report Preparation and Presentation• To carry out the assigned CEAT/Department related activities

Desirable	: • Applicants having knowledge and research experience in the above-mentioned research areas • Applicants having sound fundamental technical knowledge in the field of Automobile Engineering • Applicants working in modelling and simulation using MATLAB, Mechanical modelling and simulation tools, CFD, Electromagnetic analysis, CONVERGE, AVL Cruse M...etc (knowledge in the above one of the software's/tools) • Past Research publications in reputed peer reviewed Journals. • A strong commitment and motivation to pursue research in the subject area and having good communication skills
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General Information:

1. Applicants before applying shall ensure that they are eligible for the position they intend to apply.
2. Application should be furnished only in the prescribed format.
3. The applicant will be responsible for the authenticity of information and other documents submitted.
4. The candidate selected as Research Associate is eligible to register for pursuing Ph.D. programme as per Anna University rules and regulations after fulfilling requirements of Ph.D. programme.
5. Applicants should submit their applications along with the **self-attested copies** of academic certificates, experience certificates, paper publications and other relevant documents to the CEAT by In-person / Registered Post.
Correspondence Address: The Director, CEAT, Department of Automobile Engineering, Madras Institute of Technology, Anna University, Chromepet, Chennai – 600 044.
6. The selection criteria would be as per the guidelines of Anna University.
7. Mere fulfilling of the minimum qualifications does not entitle any candidate for an interview call. The University reserves right to set higher criteria than the essential qualifications for shortlisting the candidates.
8. The date and time of written test and interview will be informed to the shortlisted applicants by email only.
9. Applicants shall bring the original certificates at the time of selection process for verification.
10. The selection committee decision is final.
11. No TA/DA is admissible for attending the interview.
12. The position is temporary and renewable every six months, subject to satisfactory performance for a duration of the project. However, the selected candidate is expected to work, till the completion of the project.
13. The last date and time of submission of duly filled in application 27.09.2023, 5.00 PM.

Note: Do not enclose the original certificates. Attach only the self-attested copies. During the time of the selection process, original certificates to be produced for verification.

DIRECTOR, CEAT

12.	WORK EXPERIENCE (Experience certificate to be enclosed)						
	Name of the organization	Designation	Period		Nature of Work	Total experience	
			From	To		Years	Months
		Total experience					
13.	Research / Problem Statement (Attach separate sheet, if required)						
	Area of Research (Tick one): Fuel Cell / Emission Control / GDI Engine / Electric Vehicle						
14.	Additional Skill set / Information (if any):						

I, _____, certify that the information furnished above is true to the best of my knowledge and belief and that no related information is concealed. If any discrepancy is found at any stage, the Anna University has the right to cancel my application or termination of my service without any notice, if employed. I am also aware that this application is only for temporary post.

Place:

Date:

Signature of the candidate