



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA,**  
**SURATHKAL, POST SRINIVASNAGAR, MANGALORE -575 025**

Ref: NITK/ME/ANRF/ASB/R-02

Date: 28-05-2024

**ADVERTISEMENT**

Applications are invited from eligible Indian Nationals for one Research Associate-I position in a ANRF SERB sponsored project undertaken in the Department of Mechanical Engineering at NITK Surathkal.

S. No	Head	Description
1.	Project Title	Investigation into the effect of water on the boiling heat transfer coefficient of $NH_3/LiNO_3$ mixture
2.	Sponsoring Agency	ANRF SERB
3.	Temporary Position (s)	Research Associate-I One Position
4.	Consolidated monthly Fellowship	Rs. 58,000/- + HRA
5.	Principal Investigator	Prof. Sathyabhama A
6.	Department/Centre	Department of Mechanical Engineering
7.	Duration	3 Years
8.	Qualification and Experience	PhD or equivalent degree in thermal Engineering or related discipline.  OR ME/M. Tech or Equivalent degree in thermal Engineering or related discipline having 3 years of research, teaching and design and development experience with at least one research paper in Science Citation Indexed (SCI) journal.
9.	Desired Skills	<ul style="list-style-type: none"><li>➤ In-depth knowledge in boiling heat transfer</li><li>➤ Ability to work in a team, good communication skills, experience in experimental research for fabrication of setup, experimentation and data reduction</li><li>➤ Excellent analytical and writing skills</li></ul>
10.	Last date for receipt of application	10-06-2024

Eligible candidates may apply in the prescribed format along with photocopies of relevant certificates, grade/mark sheets, publications etc., so as to reach NITK on or before by 10-06-2024, 5.00 P.M by post/email in the prescribed address below:

Prof. Sathyabhama A Professor Department of Mechanical Engineering National Institute of Technology Karnataka Surathkal P.O: Srinivasanagar, Mangalore, Karnataka- 575025	E-mail: <a href="mailto:sathyabhama@nitk.edu.in">sathyabhama@nitk.edu.in</a>
	Tel: +91 9448134433

The shortlisted candidates will be informed by E-mail/Phone. Selection will be based on qualification, experience and interview. NITK Surathkal reserves the right to reject any or all the applications without assigning any reasons thereof.



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SURATHKAL, P.O. SRINIVASNAGAR  
MANGALORE – 575025, KARNATAKA, INDIA

**APPLICATION FOR THE POSTS OF RESEARCH ASSOCIATE-I**

<b>For Office Use:</b>	Paste your recent Passport size photo
Serial Number: .....	
Eligible for Written exam/Interview: Yes / No	
Verified the Certificates: .....	

<b>1. Name:</b>	
<b>2. Father's Name:</b>	
<b>3(a). Date of Birth:</b>	<b>3(b). Nationality:</b>

**4. Contact information:**

<b>(i) Address for communication:</b>	
<b>(ii) Mobile No:</b>	
<b>(iii) Email ID:</b>	

**5. Educational Qualifications (Attach self-attested copies of all certificates)**

Class	Subject/ Stream	Board/ University	Name of Institute	Marks/ CGPA	Year of Passing
X					
XII					
B.E/B.Tech					
M.E/M.Tech					
<b>Competitive Exam</b>	<b>Qualified</b>	<b>Marks / Rank</b>		<b>Year</b>	
CSIR-UGC NET	Yes / No				
GATE	Yes / No				

**Doctoral degree details:**

Thesis title	From date	Final viva date	Institute/University

**6. Work Experience, if any (in years) .....**



Organization	Designation	Duration	Responsibilities

**7. Number of Publications: (Attach a separate list of publications with full details)**

National	International

**8. Workshop/Training programs attended\*:**

S. No.	Details

\*Attach separate sheet (if required)

**9. Other Achievements\*:**

S. No.	Details

\*Attach separate sheet (if required)

**10. Declaration:** All the above information provided by me is true to the best of my knowledge and I understand that, if found incorrect, I may be disallowed to appear in the interview/test.

**Date:**  
**Place:**

**Signature of the Candidate**

**Note:** Attach the list of enclosures along with the application.