

## Advertisement for Project Associate Position

Ref. No: NITK/AAIR/CWEP-2021-22

Date: 16/08/2021

Applications are invited for **Project Associate Position**

Applications are invited from interested meritorious candidates for CAMP 1981 funded research project titled "**Campus Waste to Energy Project**". The appointment will be for a period of one year.

Interested candidates should fill their academic and personal details in the prescribed application format and send the same along with attested copies of relevant certificates within 15 days from the date of advertisement to the contact person. Only the shortlisted candidates will be informed by post/E-mail/Phone.

Shortlisted candidates should report to the contact person for certificate verification followed by Test/technical interview. Test/Interview is most likely to be held during the month of September 2021. Any change in the date of test/interview will be intimated through email. Selection will be based on qualification, experience, and test/interview performance. TA/DA will not be paid for attending the written test and interview. NITK Surathkal, reserves the right to reject any or all the application without assigning any reasons thereof. Selected candidates will be required to join immediately.

Title project	Campus Waste to Energy Project
Source of Fund	CAMP 1981
Consolidated pay per month	INR18,000/-
Principal Investigator	Dr. Vasudeva Madav
Co-Principal Investigator	Prof T.P. Ashok Babu
Number of Posts available	One (Mechanical Engineering),
Department/Centre	Department of Mechanical Engineering
Tenure	One year,

Qualification and Experience	<b>B.Tech.</b> (Mechanical Engineering) having research experience in areas related to anaerobic digestion, waste management, Energy Engineering Experience in Biogas plant Operation and Maintenance Experience in Operation and Maintenance of Compressors, gearbox, motor, couplings, Pumps, Conveyer Belt, Store Management Knowledge of ANSYS and FLUENT Packages and Programming Skills (C- Programming/MATLAB/ or Knowledge about Analytical techniques using GC, GCMS, GCxGC TOFMS, PTR TOFMS, TGA FTIR, NMR, ICP AES
Desirable qualities	Candidate must be able to work independently and flexibly and having the following qualities will be desirable. <ol style="list-style-type: none"> <li>1. <i>basic knowledge about</i> laboratory/bench scale work with a technical focus on the basic fundamentals to understand and optimize the process</li> <li>2. <i>Implementation:</i> Pilot/demonstration scale or the field application projects</li> <li>3. <i>Sustainability aspects:</i> Financial, social, environmental aspects, models and simulations, theoretical evaluation, potential analysis, decision support tools</li> <li>4. Excellent analytical and writing skills</li> </ol>
Additional information	May be obtained by contacting the PI directly through email.
Last date for receipt of application	<b>31<sup>st</sup> August 2021</b>

Interested candidates may apply in the prescribed format along with CV, photo copies of relevant certificates, grade/mark sheets, publications etc., and should reach NITK on or before **31/08/2021** by post/email (scanned documents) in the prescribed address below:

Contact Person:

Dr. Vasudeva Madav Assistant Professor, Principal Investigator Department of Mechanical Engineering National Institute of Technology Karnataka Surathkal P.O: Srinivasanagar, Mangalore, Karnataka- 575 025	E-mail: <a href="mailto:vasu@nitk.edu.in">vasu@nitk.edu.in</a>
	Tel: +91-824-2473670 M: +91-9008889796
Prof Ashok Babu T.P. Professor Co-Principal Investigator Department of Mechanical Engineering National Institute of Technology Karnataka Surathkal P.O: Srinivasanagar, Mangalore, Karnataka- 575 025	E-mail: <a href="mailto:tpashok@nitk.edu.in">tpashok@nitk.edu.in</a>
	Tel : +91-9986548546

**APPLICATION FOR MAIRE TECNIMONT RESEARCH SCHOLARSHIPS FOR SUSTAINABLE DEVELOPMENT**

<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\***

Class	Subject/ Stream	Board/ University	Name of Institute	Marks/ CGPA	Year of Passing
X					
XII					
UG Degree					
PG Degree					
MPhil					
PhD					
<b>Competitive Exam</b>					
	<b>Qualified</b>	<b>Marks / Rank</b>		<b>Year</b>	
CSIR-UGC NET	Yes / No				
GATE	Yes / No				

**\*Attach self-attested copies of all certificates.**

**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. Skills**

S. No.	Details

**10. Other Achievements\*:**

S. No.	Details

\*Attach separate sheet (if required)

**11. 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 or terminated at any stage.

**Date:**

**Place:**

**Signature of the Candidate**

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

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