



CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY

(Scientific Society under M/o Electronics and Information Technology, GoI)

Athani P.O., M.G. Kavu, Thrissur, Kerala, Pin – 680 581

(Tel No. 0487-2201156 – 59 (4 lines))

NOTIFICATION OF POST

Notification No. CMET/TH/ADM/04/2023

C-MET, Thrissur Lab, invites talented persons with research aptitude for the following post, on purely temporary basis upto a period of 3 years. The appointment will be initially for one year extendable on the basis of annual performance review for next two years:-

Name of post	No. of post	Monthly emoluments (Consolidated Salary)	Age (as on last date of receipt of applications)
Technical Consultant / Research Scientist	One (Likely to increase)	Rs. 90,000/-	Not exceeding 40 years as on 28/02/2023 (Relaxable up to 45 years in case of exceptional candidates)

ESSENTIAL/DESIRABLE EDUCATIONAL QUALIFICATION & EXPERIENCE

Essential qualification : PhD with minimum one year or M.Tech with minimum three years industrial experience in embedded system, electronic circuit designs and product realization.

Desirable: Experience in IoT system design with expertise in interfaces to Bluetooth/Zigbee/Wifi/Lora, Sensor product design and system integration with expertise in hardware and communication protocols like UART, 12C, SPI, Expertise in electronic circuit design and multilayer PCB design, Good knowledge in International protocols and standards for electronics product design especially for sensors, Good understanding of microelectronics, working experience as team leader in an Industry.

Age:

Not exceeding 40 years as on 28/02/2023 (Relaxation up to 45 years by Competent Authority for exceptional candidates)

Monthly Emoluments

Consolidated salary : Rs. 90,000/- (Rupees Ninety Thousand) only per month.

GENERAL CONDITIONS:

1. The applicant must be a Citizen of India.
2. The prescribed essential qualifications are the minimum and mere possession of the same does not entitle candidates to be called for interview. The duly constituted Screening Committee will adopt its own criteria for short-listing the candidates. The candidate should therefore, mention in the application all the qualifications and experiences in the relevant area over and above the minimum prescribed qualification. Such claims will only be considered if supported by valid documents. Completion of Ph.D. degree will be reckoned from the date of issue of provisional certificate/notification.
3. In respect of equivalent clause in Essential Qualifications, if a candidate is claiming a particular qualification as per the requirement of advertisement, then the candidate is required to produce order/letter in this regard, indicating the Authority (with number and date) under which it has been so treated otherwise the application is liable to be rejected.
4. The period of experience rendered by a candidate on part-time basis, daily wages, visiting/ guest faculty will not be counted while calculating the valid experience for short listing the candidates for interview. If any document/ certificate furnished in a language other than Hindi or English, a transcript of the same duly attested by a Gazetted Officer or notary is to be submitted.
5. The date for determining the upper age limit, qualifications and/ or experience etc. shall be on 28th February, 2023(inclusive of the date).
6. Candidates having marks expressed in CGPA/DGPA/OGPA etc. must convert them into their equivalent percentage of marks as per norms of the University/ Institute concerned.
7. **Non-refundable application fee Rs. 800/- for General/OBC candidates and (Rs. 400/- for SC/ST/PwD/Women and other notified categories by Government of India) should be paid online in C-MET account as under:**

BENEFICIARY A/C TITLE	CMET, THRISSUR
BENEFICIARY BANK A/C NO.	331 4000 1000 28990
TYPE OF ACCOUNT	SAVINGS
BENEFICIARY BANK	PUNJAB NATIONAL BANK
BENEFICIARY BANK BRANCH	PALACE ROAD, THRISSUR, KERALA
BENEFICIARY IFS CODE	PUNB 0331400
BENEFICIARY MICR CODE	680024002

C-MET is not responsible for any incomplete/ pending /failed/ multiple transactions of application fee payments. A copy of the Bank acknowledgment for payment has to be attached with the application. The application received without payment acknowledgment will be summarily rejected.

8. C-MET reserves the right to revise / reschedule / cancel / suspend / postpone / withdraw the recruitment process in respect of any one or more post(s) without assigning any reason thereof. The decision of C-MET shall be final and no appeal shall lie against such decision.
9. Canvassing in any form and or / bringing in any influence, political or otherwise will be treated as a disqualification for the post.
10. Candidates must ensure before applying that they are eligible according to the criteria stipulated in the advertisement. If the candidate is found ineligible at any stage of recruitment process, he/she will be disqualified and his/her candidature will stand cancelled. Hiding of information or submitting false information will lead to cancellation of candidature at any stage of recruitment besides other action as deemed fit.
11. In case of any inadvertent mistake in the process of selection, which may be detected at any stage, even after issuing an appointment letter, the C-MET reserves the right to modify/withdraw/cancel any communication made to the applicant.
12. All applicants must fulfill the minimum educational qualifications essentially required for the position and other conditions stipulated in the advertisement. They are advised to satisfy themselves before applying for the post. No enquiry asking for advice as to eligibility will be entertained.
13. The decision of the Director General, C-MET in all matters relating to eligibility, acceptance or rejection of applications, mode of selection and conduct of interview will be final and binding on the candidates and no enquiry or correspondence or representation will be entertained from any individual.
14. Any legal proceedings in respect of any matter of claim or dispute arising out of this advertisement and / or an application in response thereto can be instituted only in Thrissur, Kerala and courts/tribunals/forums at Thrissur(Kerala) only shall have sole and exclusive jurisdiction to try any such cause/dispute.
15. Before submitting application form, the candidates should carefully ensure that no relevant column of the application form is left blank; otherwise application is liable to be rejected. Candidates may use a separate sheet wherever

required.

16. Applications which are not in conformity with the requirement indicated in the advertisement are liable to be rejected.
17. Only short-listed candidates will be called for interview. Mere fulfilling of requirement as laid down in the advertisement does not qualify a candidate to be called for interview. No correspondence or interim enquiries in this regard shall be entertained. Further details on the recruitment process such as short listing criteria, mode of selection, etc shall be notified in the Website in due course of time.
18. The period of experience in a discipline / area of work, wherever prescribed, shall be counted after the date of acquiring the minimum educational qualifications prescribed for that post.
19. If any information furnished in the application is found to be wrong or false, the candidate will not be allowed to participate further in the selection process
20. At present the place of posting will be as indicated in the advertisement. However, the persons selected shall be liable to be transferred to any of the C-MET labs situated anywhere in India.
21. The offer of appointment will be subject to verification of original certificates/testimonials at the time of interview and completion of other pre-appointment formalities. If found otherwise the candidature shall be rejected. **NO REPRESENTATIONS WILL BE ENTERTAINED IN THIS REGARD.**
22. Corrigendum/Amendments/changes, if any, in the advertisement shall be published only on C-MET website. Any inconsistency in the information advertised in the Newspaper and the Website, the information hosted in the Website will be treated as final.
23. Incomplete applications received or in wrong format in any respect are liable to be summarily rejected.
24. The engagement is purely on contract basis in respect of above positions and confers no rights on the candidates, whatsoever, implicitly and / or explicitly for their continuation beyond contract period or regularization in C-MET. Contract may be terminated by either side with one month notice or consolidated remuneration in lieu thereof.
25. Interested applicants may apply on the prescribed format, as attached, affixing one recent passport size photograph at proper place along with the proof of

payment of application fee and attested copies of certificates/testimonials, age, caste, experience addressed to the Administrative Officer, C-MET, Shornur Road, Mulankunnathu Kavu, Athani P.O, Thrissur – 680 581, superscribed as “Application for the post of “ Research Scientist/ Technical Consultant” so as to reach the office on or before **08th March, 2023**. C-MET will not be responsible for any postal delay.

**Sd/-
Administrative Officer**

Job Description for “Technical Consultant / Research Scientist”

The duties & responsibilities of the incumbent who joins as Technical Consultant/Research Scientist in C-MET, Thrissur would be decided by Director of the laboratory. However, it is likely that the incumbent will need to have the following duties and responsibilities:

Nature of duties and Responsibilities:

1. Design, development and integration of sensors and devices in compliance with international protocols and standards for electronics product design.
2. Product realization of IoT enabled sensors and devices.
3. System design and integration with Bluetooth, Zigbee, Wi-Fi, LoRA, etc. and interfacing with cloud platform/web services.
4. Hardware/firmware design and interfacing communication protocols such as UART, I2C, SPI, etc.
5. Designing electronic circuits and multilayer PCBs
6. Testing and characterization of sensors and devices as per international protocols and standards
7. Developing/Providing solutions in the area of sensors for collaborative industries
8. Support the senior scientists in commercialization of developed sensors and devices through technology transfers
9. Keeping up to date with relevant scientific and technical knowledge base and literature in his/her specialization.
10. Generating IPR in his/her area of specialization and protect the same through patents.
11. Assistance to senior scientist for the preparation of ToT documents as per approved procedure and formats.
12. Assistance to senior scientist for the preparation of project proposals on relevant electronic materials/devices/ systems for submitting to various Private / Government / International funding agencies.
13. Assistance to senior scientist for the preparation of project execution plan with micro details and scheduling.

14. Liaising with research and/or administrative staff to complete the jobs on time.
15. He/she should lead a group of researchers/engineers and support other research colleagues for product realization as per the mandate of the laboratory.
16. He/she should be capable of transforming research outcome to viable technologies for commercialization in the areas of National Interest



**Centre For Materials For Electronics
Technology (C-MET), THRISSUR**

Affix Latest
Passport Size
Photograph
Duly Signed

**APPLICATION FOR THE POST OF 'TECHNICAL CONSULTANT
'RESEARCH SCIENTIST 'ON CONTRACTUAL BASIS**

NOTIFICATION NO. CMET/TH/ADM/04/2022

1. Name in full (in BLOCK letters) :
2. Father's/Husband's Name :
3. Date of Birth (Proof to be enclosed):
4. Nationality :
5. Religion :
6. Correspondence Address :
E-mail :
Telephone/Fax No. :
Mobile No. :
7. Permanent Address :
8. Category [GEN/SC/ST/OBC(NCL)] :
9. Whether documentary proof from :
appropriate authority in support of
your claim being SC/ST/OBC(Non-creamy
layer)
10. Details of Fee remitted:

Transaction ID	Date	Amount

11. Essential Qualification :

Exam Passed	Year of Passing	University / Board	Subject	Marks	Percentage of Marks

12. Other Qualifications :
(in chronological order starting with 10th onwards)

Exam Passed	Year of Passing	University / Board	Subject/ Specialization	Marks	Percentage of Marks Rank Distinction

13. Details of Experience; if any (particulars of all previous and present employment) (starting with the most recent including visit abroad)

Name of the Organization / Institute	Post Held	Duration		Salary	Detailed nature of duties performed
		From	To		

14. List of Published Papers/ Patents/ Projects/ Technologies Developed & Transferred/ Awards/ Recognition etc.:

15. References

(**These referees should be residents in India** and holders of responsible positions. They should be intimately acquainted with the applicant's character and work but must not be relations. When the candidate has been in employment, he/she should either give his/her present or most recent employer or immediate superior as a referee or produce a testimonial from him in regard to the candidate's fitness for the post for which he/she is an applicant)

1. Name _____
Occupation or position _____
Address including email & Mob. No. _____
2. Name _____
Occupation or position _____
Address including email & Mob. No. _____

Copies of testimonials from:

- 1.
- 2.

(Attested Copies of not more than two testimonials should be submitted. Original testimonials should not be submitted unless asked for)

16. Any other information you may like to indicate:

DECLARATION

I hereby declare that I have carefully read and fully understood all the instructions and details pertaining to the post being applied by me and all statements made and information furnished in this application are true and complete to the best of my knowledge and belief.

I also declare that I have not concealed any material information which may debar my candidature for the post applied for. In the event of suppression or distortion of any fact including category, age or educational qualification, experience etc. made in my application form, I understand that I will be denied any employment in the organization and if already employed on any of the posts in the Institute, my services will be terminated forthwith without notice.

Place :
Date :

Signature of the candidate