



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/001/2026

C-MET, Thrissur Lab, invites talented persons with research aptitude for the following posts in one of the scientific projects sponsored by Meity, New Delhi.

Duration of the Project : upto 17th November 2027.

Sl. No.	Name of the Post	Nature of the Post	No. of Post	Tenure of the Post	Qualifications	Age Limit	Emoluments
1.	Project Associate -I	Temporary on Project based.	02 (Two)	Initially for one year and may be extended upto the completion of the Project; ie. 17 th November 2027.	60% marks / 1 st class in MSc. (Physics/Chemistry /Material Science/Electronic Science/Instrumentation/Medical Physics) from a recognized University or equivalent.	For General – Not exceeding 28 years, For SC and ST - 33 years and OBC (Non-Creamy Layer) – 31 years as on 31.12.2025.	Rs. 37,000/- per month <i>plus</i> HRA for those having NET/GATE qualified and Rs.30,000/- per month <i>plus</i> HRA for those do not have NET/GATE

Desirable (Qualifications):

- Working knowledge of microwave/RF systems, antennas, coaxial components, or RF power delivery.
- Exposure to prototype development, testing, and characterization using RF/microwave measurement instruments.
- Basic understanding of thermal modeling, heat transfer, or biomedical device design is desirable.
- Experience in biomedical or medical device R&D projects will be an added advantage.
- Ability to work independently as well as in a team-oriented research environment.
- Good technical writing, documentation, and communication skills

Nature of Work:-

- Design and development of Microwave Ablation (MWA) system components, primarily microwave needle probes operating at 2450 MHz for biomedical applications.
- Assistance in electromagnetic and thermal design, simulation, and optimization of microwave probes.
- Prototype fabrication, assembly, and laboratory testing of microwave ablation probes and related subsystems.
- Conduct bench-top experiments, phantom studies, and performance evaluation of the MWA system up to 100 W microwave power.
- Support in integration, validation, and troubleshooting of the MWA system.
- Preparation of technical documentation, progress reports, and project deliverables as per funding agency requirements.
- Coordination with multidisciplinary teams including clinicians, collaborators, and industry partners.
- Any other R&D-related work assigned under the project.

Contd..2/-

General Terms and Conditions:

1. All the Posts are purely temporary and the appointment will be initially for a period of One Year and may be extended upto the completion of the Project. However, the performance of the staff will be reviewed on completion of six months service to decide the suitability of further retention. If found not suitable for further retention she/he will be terminated without any notice.
2. On appointment, it will not confer any right on the appointee for claim for regular appointment.
3. Appointment of candidates are subject to verification of original documents.
4. Selected candidate will be required to produce a medical certificate of fitness in the prescribed form, from a Government Doctor not below the rank of Civil Surgeon and character certificates from two Gazetted Officers working in Central/State Government at the time of joining the post.
5. Selected candidate will be required to report for duty as mentioned in the offer (normally within 10 days from the date of offer) and no extension will be given.
6. Selected candidate will be required to work till the completion of the project and resigning from the post during the currency of the project period shall not normally be entertained.

Those eligible for **Project Associate-I** may attend interview **on 20.01.2026. The registration will be between 8.00 hrs and 10.30 hrs at C-MET, Thrissur, on 20.01.2026.** The applicants shall bring originals along with copies of documents in support of Qualification, Age, Experience etc. and a Passport size Photograph. Those claiming age relaxation shall submit caste certificate issued by an appropriate authority in the case of SC/ST candidates and Non creamy layer certificate for Central Government jobs issued within one year of date of publishing the notification for OBC candidates. In case more candidates turn – up, a Written test in the relevant subject will be conducted for initial Screening. Only those candidates who are screened in by a Committee will be considered for interview subject to verification of original documents.

Sd/-
Administrative Officer