



CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET)
(Autonomous Scientific Society, Under Ministry of Electronics and IT (MeitY), Govt. of India)
HQrs : Sy.No. 34/2B. Panchwati, Dr. Homi Bhabha Road, NCL (P.O.), Pune - 411 008 (Mah.)
Phone: +91-20-25898724 / 25898141 / 25898390 Fax: +91-20-25898085
Website: <http://www.cmet.gov.in>

Advertisement No. 1/2017

C-MET invites applications from Indian nationals possessing excellent academic record and relevant work experience for the following posts in its Pune, Hyderabad & Thrissur laboratory on Direct Recruitment/Transfer(Absorption): -

Sl. No.	Name of post, pay band & grade pay	No of posts	Category	Max age	
				DR	*
1	Programme Co-ordinator PB-3:Rs. 15600-39100,GP:7600	1	UR	40	56
2	Scientist `D` (ET-IV) PB-3:Rs. 15600-39100,GP:7600	1	UR	40	56
3	Scientist `C` (ET-III) PB-3:Rs.15600-39100, GP:6600	5@	UR-2 OBC (NC)-2 SC-1	35	56
4	Scientist `B` (ET-II) PB-3:Rs.15600-39100, GP:5400	4 #	UR-2 OBC (NC)-2	30	56

Note: DR = Direct Recruitment; *Transfer (Absorption)

@ Out of 5 posts, one post is lien vacancy but likely to be regularized.

Out of 4 posts, two posts are lien vacancies but likely to be regularized.

Out of 4 posts, one post is reserved for DAP - Hearing Impaired category

For application format & other details, please visit our website.

Last date for receipt of applications:

20TH March, 2017 and for specific regions 04th April 2017.

Sd/-
Registrar (A)

ESSENTIAL/DESIRABLE EDUCATIONAL QUALIFICATION & EXPERIENCE

1. PROGRAMME COORDINATOR (Headquarters): 1 Post (UR)

For Direct Recruitment:

Essential: B.E./B.Tech/M.Sc. or equivalent in Physics/Chemistry/ Material Sciences/Metallurgy/Ceramics/Chemical Engineering/Nano materials with minimum 60% marks from a recognized University/Institution and having 9 (nine) years experience in the relevant field;

OR

M.E./M.Tech in Metallurgy/Ceramics/Chemical Engineering/Nano materials with minimum 60% marks from a recognized University/ Institution and having 8 (eight) years experience in the relevant field;

OR

Ph.D. in Physics/Chemistry/Materials Sciences/Metallurgy/Ceramics/ Chemical Engineering/Nano materials from a recognized University/ Institution and having 5 (five) years experience in the relevant field.

Desirable: MBA in Production management/Marketing.

For Transfer (Absorption):

- (i) Holding analogous post on regular basis **OR** having 5 years regular service in the pay band PB-3:Rs.15600-39100, GP:6600 (pre-revised scale of pay Rs. 10000-325-15200),
AND
- (ii) Possessing the qualifications prescribed for Direct Recruitment

2. SCIENTIST `D` (ET-IV) (Thrissur laboratory) : 1 Post (UR)

For Direct Recruitment:

Essential : B.E./B.Tech/M.Sc or equivalent in Physics/Chemistry/Materials Materials Sciences/Metallurgy/Ceramics/Chemical Engineering Nano materials with minimum 60% marks from a recognized University/Institution and having 9(nine) years experience in the relevant field; (please read general instructions for relevant field)

OR

M.E/M.Tech in Metallurgy/Ceramics/Chemical Engineering/ Nano Materials with minimum 60% marks from a recognized University/Institution and having 8 (eight) years experience in the relevant field

OR

Ph.D in Physics/Chemistry/Materials Sciences/Metallurgy/ Ceramics/Chemical Engineering/Nano materials from a recognized University/Institution and having 5 (five) years experience in the relevant field.

For Transfer (Absorption):

(i) Holding analogous post on regular basis

OR

Having 5 years regular service in the scale of PB-3:Rs. 15600-39,100, GP:6600

AND

(ii) Possessing qualification prescribed for Direct Recruitment

**3. SCIENTIST `C' (ET-III) (Pune, Hyderabad & Thrissur): 5* Posts;
(UR-2, OBC (Non-creamy layer)-2, SC-1) (*including 1 post on lien vacancy likely to be regularized).**

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For Direct Recruitment:

Essential: B.E./B.Tech/M.Sc or equivalent in Physics/Chemistry/ Material Sciences/ Metallurgy/Ceramics/Chemical Engineering / Nano materials with minimum 60% marks from a recognized University/Institution in the related field and having 7(Seven)years experience;

OR

M.E./M.Tech in Metallurgy/Ceramics/Chemical Engineering/Nano Materials with minimum 60% marks from a recognized University/Institution and having 5 (five) years experience in the relevant field

OR

Ph.D Physics/Chemistry/Material Sciences/Metallurgy/Ceramics Chemical Engineering / Nano materials from a recognized University / Institution.

For Transfer (Absorption):

(i) Holding analogous post on regular basis

OR

Having 5 years regular service in the scale of PB-3:Rs. 15600-39,100, GP:5400

AND

(ii) Possessing qualification prescribed for Direct Recruitment

4. **SCIENTIST `B' (ET-II) (Pune & Thrissur laboratory) : 4* Posts;**
(UR-2, OBC (Non-creamy layer)-2) (*including 2 posts on lien vacancy likely to be regularized).

Out of 4 posts, 1 post is reserved for Hearing Impaired.

For Direct Recruitment (including adhoc basis):

Essential: B.E./B.Tech/M.Sc or equivalent in Physics/Chemistry/ Material Sciences/ Metallurgy / Ceramics / Chemical Engineering/Nano materials with minimum 60% marks from a recognized University / Institution or possessing DOEACC `B' level certificate

Experience: 5 (five) years experience in the relevant field in an industrial organization or R & D Laboratory.

For Transfer (Absorption):

(i) Holding analogous post on regular basis (or) having 5 years regular service in the scale of PB-2 : Rs. 9300-34800, GP: 4200

AND

(ii) Possessing qualification prescribed for Direct Recruitment

General Instructions/Information:

1. Experience in the **Relevant field** means: the experience in the thrust areas of C-MET in the field of electronic materials, such as, Extraction of precious metals from e-waste, electronic ceramics, sensors & actuators, nano materials and devices, materials for energy including aerogel, graphene, materials and devices for battery, super capacitors, solar cells, fuel cells etc., polymer nanocomposites, flexible materials, thick and thin film materials and devices, Integrated electronic packaging including microwave materials, LTCC, u-LTCC, Terahertz materials and devices. Any new materials for Indian electronic industry/ strategic sector / up-coming commercial electronic applications in the country. Materials having societal relevance and applications, design and development of materials, alloys, compound semiconductors, fabrication of their devices, etc.
2. All the above posts are as per the Central Government pay scales as extended to C-MET and carry allowances like House Rent Allowance, Transport Allowance and Children's Educational Allowance. These posts are governed by National Pension Scheme (NPS) of Govt. of India and will be eligible for other benefits like Medical, LTC etc., as per the organization norms and various government orders issued by GOI from time to time.
3. Upper age limit is relax-able for SC/ST/OBC (Non Creamy Layer)/Ex-serviceman and Persons with disabilities as per orders of Govt. of India issued from time to time. **Age limit will be applicable as on closing date; 20TH March, 2017. The candidates those claim age relaxation as SC/ST/OBC shall be considered only against the**

posts those reserved for the respective category. A candidate who claims to belong to SC/ST or to any one of the Other Backward Classes (OBC)[Non creamy layer] has to submit in support of his/her claim a self-attested copy of a certificate in the prescribed form issued by the competent authority specified by the Central Government. OBC (NC) certificate issued should be within one year of the closing date of advertisement.

4. Relaxation in upper age limit up to 5 years is allowed for those working in Government of India/Autonomous Bodies /PSUs etc. In exceptional cases the Appointing Authority shall have powers to relax the age with reasons to be recorded in writing.
5. Persons with Orthopedically handicapped/Hearing impairment may apply against all the above posts and will be considered along with other candidates, if otherwise found eligible (fulfill the qualification and experience). Above posts are not suitable for Blind.
6. The application must be submitted along with Demand draft for Rs.100/- shall be drawn in favour of **"C-MET" Payable at Pune** (no fee for SC/ST and other notified categories by Government of India). Application fee is non-refundable under any circumstances. **If you are applying for more than one post, then apply separately with application fee and other enclosures.**
7. Those employed in Govt. Department/ PSUs/ Autonomous Bodies should send their application through proper channel.
8. Self-attested copies of certificates/testimonials should be enclosed along with the application. Diploma/degree shall be from recognized Institution/ University.
9. The applications or advance copies of applications received after closing date or without enclosures or incomplete applications will be summarily rejected. C-MET cannot take any responsibility for transit, postal and other delays.
10. C-MET reserves the right to Revise / Reschedule / Cancel / Suspend / Postpone / Withdraw recruitment process in respect of any one or more post(s) without assigning any reason. The decision of C-MET shall be final and no appeal shall be entertained.
11. Canvassing in any form and or/bringing in any influence political or otherwise will be treated as a disqualification for the post. No interim queries / correspondence will be entertained on the matter.
12. The job description and duties to be performed by the officials are attached.
13. 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 processes, he/she will be

dis-qualified and his/her candidature will be canceled. Hiding of information or submitting false information will lead to cancellation of candidature at any stage of recruitment.

14. All applicants must fulfill the minimum education qualifications essentially required for the post 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.
15. 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 examination/interview will be final and binding on the candidates and no enquiry or correspondence will be entertained in this connection from any individual or his/her agency.
16. 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 Pune and courts/tribunals/forums at Pune only shall have sole and exclusive jurisdiction to try any such cause/dispute.
17. Before submitting application form, the candidates should carefully ensure his/her eligibility for the post applied for. No relevant column of the application form should be left blank; otherwise application form is liable to be rejected. Please use a separate sheet wherever required.
18. Applications which are not in conformity with the requirement indicated in the advertisement are liable to be rejected.
19. 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 in this regard shall be entertained.
20. Number of years of experience indicated for the post is after obtaining the specified qualification for the post.
21. TA is payable only to those eligible under Govt. of India guidelines (shortest route - sleeper class ticket by train will be reimbursed on production of copy of tickets).
22. Application received after due date for whatsoever reason including postal delays shall not be entertained.
23. At present the place of posting is as indicated in the advertisement. However, the persons selected can be transferred to anywhere in India.
24. 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 otherwise the candidature shall be rejected.
25. The so appointed officers should undergo at least two weeks induction training and complete successfully probation clearance.

26. Amendments/Changes, if any, in the advertisement shall be published only on C-MET website.
27. JOB Description of the Posts is given in Annexure below.
28. For candidates residing in Assam, Meghalaya, Arunachal Pradesh, Mizoram, Manipur, Spiti District and Pangi Sub-division of Chamba District of Himachal Pradesh, Andaman & Nicobar and Lakshadweep Island, the applications must reach on or before 04th April, 2017.

Interested candidates may download application form from our website **www.cmet.gov.in** and send duly filled application in the prescribed format, superscribing the name of the post applied for, along with a non refundable application fee (Pl. see Sl. No. 5). The completed application form in all respects along with passport-size photograph, self-attested copies of certificates in support of age, qualification, caste & experience should be sent in a sealed envelope superscribing "**Application for the Post of _____**"

**The Registrar,
Centre for Materials for Electronics Technology (C-MET),
34/2B, Panchwati,
Dr. Homi Bhabha Road,
NCL (P.O.)
Pune – 411 008 (Maharashtra)**

So as to reach on or before 20th March, 2017 and those residing in Assam, Meghalaya, Arunachal Pradesh, Mizoram, Manipur, Spiti District and Pangi Sub-division of Chamba District of Himachal Pradesh, Andaman & Nicobar and Lakshadweep Island, the applications must reach on or before 04th April, 2017.

Sd/-
Registrar (A)

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Annexure

Job Description for "Programme Coordinator (PC)"

The incumbent has a key role to play in the success of activities of C-MET in general, and more specifically with respect to the areas and responsibilities allocated to him/her.

A. Responsibilities:

1. Managing and monitoring the activities of the technical groups under the Programme so as to ensure that various technical and financial targets are met.
2. Arrange periodic reviews by the 'Steering Committee (SC)' and ensure submission of the outcome report to the Director General. Work out plans to expedite the pending/delayed issues and report to Director General.
3. Carry out necessary studies on market demand and technology status of the ongoing research programmes to keep abreast with the latest developments.
4. Carry out a study of the competing technologies and prepare a detailed comparison report, along with suggestions. This may be done routinely every 6 months, but at any time, in case of major development.
5. Providing inputs to the 'Steering Committee' with regard to latest development relevant/significant to the Programme on a regular (at least half-yearly) basis.
6. Prepare Annual Reports, Annual Plans, Annual Budget and Outcome Budget for the Programme for each fiscal year and submit to Director General for consideration. This plan should include details (resources, manpower, infrastructure, financial, technical progress etc.) required for the completion of activities of the Programme for the ensuing year and also to place necessary reports in the house of Parliament.
7. Reviewing all technical projects –at the laboratories on quarterly basis and preparing & sending Monthly & Quarterly Progress Reports to the parent Ministry through Director General.
8. Identifying the end users for ToT of the successfully developed technologies and expanding the ToT activity by liasioning with the concerned C-MET laboratory and end user.
9. Working out strategies for self sustenance of C-MET and reviewing & upgrading every year to reach the goal.

10. Reviewing of Technologies transferred at end user premises for ensuring its usefulness for the country.
11. Vetting of all technical projects, patents, costing and technical contents of MoUs with various organizations as per C-MET Policy.
12. Maintenance of project proposal records (both soft and hard) of submitted, ongoing, completed, ToT, Royalty, MoUs, etc. in the Office of Programme Coordinator for ready reference.
13. Design and development of publicity materials/campaigns etc. for marketing of C-MET knowledgebase.
14. Any other duties assigned by Director General.

B. Essential Skills:

1. Effective Communication Skills - both oral and written
2. Team Builder & Team Player
3. Computer Skills

Job Description for "Scientist"

The specific duties & responsibilities to the incumbent who joins as Scientist in C-MET would be assigned by Director/Director General. The general duties and responsibilities are:

A. Responsibilities:

1. To conceive/implement/deliver project/program in alignment with the vision and mission of C-MET.
2. Prepare project proposals on relevant electronic materials/devices/systems for submitting to various Private / Government / International funding agencies and successfully implement/demonstrate at pilot level and transfer the technology to user/industries.
3. Preparation of project execution plan including micro-planning and its successful execution.
4. Liaising with research team, admin/finance/ HQ/ staff to complete the project/program as per schedule.
5. To gain and share relevant expertise in solving problems in the area of his/ her specialization relevant to the Scientific activity of C-MET.
6. Keeping up to date with relevant scientific and technical knowledge base and literature in his/her specialization relevant to the scientific activity of C-MET.
7. Generating IPR in his/her area of specialization and protect the same through patents and liaising with officials for successful transfer of know-how to industries/user agencies.
8. Publications in reputed national/international peer-reviewed journals with acceptable impact factor.
9. Capability to give consultancy to other agencies in his/her area of specialization for revenue generation.
10. Preparation of ToT documents as per approved procedure and formats.
11. Liaison with Programme Co-ordinator in identifying end-user and transfer of technologies.
12. Review periodically the technologies transferred for effective use for the purpose for which they were developed.
13. He/she should work as a group member and should take other research colleagues and staff along with him for successful completion of research mandate of the laboratory.

B. Desirable:

1. Scientific, analytical, computer & numerical skills & effective communication (both oral & written) skills.

2. Should have proven R&D experience with proof in the form of technology transfer/ technology development/ patents/high impact publications in atleast one of the related areas mentioned in the terms and conditions.
3. Proven track record and capability to transform research outcome to viable technologies for commercialization in the areas of National interest in electronic materials.