

केन्द्रीय विनिर्माणकारी प्रौद्योगिकी संस्थान (सीएमटीआई)
CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE (CMTI)

तुमकुर रोड़, बेंगलूरु/Tumkur Road, Bengaluru-560022

विज्ञापन संख्या/Advertisement No. 04/2020

संविदा आधार पर भर्ती / RECRUITMENT ON CONTRACT BASIS

सीएमटीआई एक प्रमुख राष्ट्रीय संस्थान है, जो एप्लाइड विनिर्माण विज्ञान के विभिन्न पहलुओं के अनुसंधान के लिए समर्पित है। सीएमटीआई विभिन्न प्रायोजित परियोजनाओं को क्रियान्वित कर रही है और इन परियोजनाओं में कार्य करने के लिए निम्न लिखित उम्मीदवारों की आवश्यकता है।

The CMTI is a premier Institute of National repute, devoted to Research in various aspects of Applied Manufacturing Science. CMTI is executing various sponsored projects & is looking for the following candidates to work in the projects.

क्र. सं. S I No.	पद कोड Post Code	पद का नाम Name of the Post	वेतन/Stipend (प्रतिमाह/per Month)	अवधि Duration	पदों की सं./No. of Posts	अनिवार्य अर्हता एवं अनुभव /Essential Qualifications & Experience	वांछनीय अर्हता एवं अनुभव Desirable Qualification & Experience	कार्य विनिर्देश/Job Specification
1	PA(I) - 001	Project Assistant-I	₹ 18,000/-	1 Year	3	First Class ITI in Fitter	<ul style="list-style-type: none">Completed Apprentice from Govt Organizations / Reputed MNCs1 year experience	<ul style="list-style-type: none">Primarily for Mechanical assembly works and for other Sponsored projectsPrimarily for Sample preparation works for Advanced material characterisation and for other Sponsored projects
2	PA(I) - 002	Project Assistant-I	₹ 18,000/-	1 Year	1	First Class ITI in Electrician	<ul style="list-style-type: none">Completed Apprentice from Govt Organizations / Reputed MNCs1 year experience	<ul style="list-style-type: none">SMDDC Electrical worksSmart Foundry Project electrical assembly and testing works.For upcoming projected sponsored projects
3	PA(II) - 001	Project Assistant - II	₹ .20,000/-	1 Year	1	First Class Diploma in CS / IT / ECE or BCA	<ul style="list-style-type: none">Upto 2 years experience in Web page development	<ul style="list-style-type: none">Design & Development of new web pageSoftware support to the R&D GroupsMaintenance & Updating of existing webpage

4	PA(II) - 002	Project Assistant - II	₹ 20,000/-	2 Years	2	First Class Diploma in Electrical Engineering	<ul style="list-style-type: none"> • Design & Development of Electronics / Electrical control system, electrical wiring, assembly and testing, calibration of instruments • 2 years Experience 	Electrical wiring, assembly, testing of the Electrical Circuit, testing of the Sensors and Actuators, Calibration of Instruments
क्र. सं. S I No.	पद कोड Post Code	पद का नाम Name of the Post	वेतन/Stipend (प्रतिमाह/per Month)	अवधि Duration	पदों की सं./No. of Posts	अनिवार्य अर्हता एवं अनुभव /Essential Qualifications & Experience	वांछनीय अर्हता एवं अनुभव Desirable Qualification & Experience	कार्य विनिर्देश/Job Specification
5	PA(II) - 003	Project Assistant - II	₹ 20,000/-	2 Years	2	First Class Diploma in Mechanical Engineering	Experience in Manufacturing Industry	Manufacturing Support, CNC Machine programming and Operation, Inspection support, Precision Machine Operation & OVD follow up
6	PA(II) - 004	Project Assistant - II	₹ 20,000/-	2 Years	1	First class Diploma in Metallurgy	<ul style="list-style-type: none"> • B.Sc (PCM) • With one year lab experience 	Support for executing Material Testing, NDT, Heat Treatment, Quality Control
7	PA(II) - 005	Project Assistant - II	₹ 20,000/-	2 Years	1	First Class B.Sc in Chemistry	-	Electroplating and other Chemistry related work.
8	DEO - 001	Data Entry Operator cum Assistant	₹ 20,000/-	2 Years	3	First Class in any Bachelors Degree in any discipline (Other than engineering)	B.Com with 2 years experience in Computer Operations & Tally Software is preferable	<ul style="list-style-type: none"> • Day to Day Administrative activities, • Customer Handling, • Billing in Tally Software • Coordination works with other Departments • Day to Day Accounting Activities • Data entry, Lab services support and Office works, etc
9	PF(I) - 001	Project Fellow - I	*₹ .25000/- ₹ 28000/-	2 Years	1	First Class B.E. / B.Tech / M.E. / M.Tech in Mechanical Engineering	Exposure to Manufacturing Industry	Manufacturing Support, CAD / CAM. OVD follow up and Inspection
10	PF(I) - 002	Project Fellow - I	₹ 25000/-	1 Year	1	First Class in B.E. / B.Tech in Mechanical	1 year relevant Industrial experience	<ul style="list-style-type: none"> • Product developmental works and Project Co-ordination activities like follow-up between Design, Manufacturing, Metrology, Assembly and Testing. • Assembly and testing activities in precision machine developments. • Technical Documentation and Preparation of assembly and testing reports.

11	PF(I) - 003	Project Fellow - I	*₹ .25000/- ₹ 28000/-	2 Years	2	First class B.E. / B.Tech / M.E. / M.Tech in Computer Science / Information Science / Information Technology	Experience in C++ programming, GUI development, Computer Graphics with Strong Mat & Algorithm development	Development of Software for 3D measurement, 3D Scanners and Algorithm development
क्र. सं. S I No.	पद कोड Post Code	पद का नाम Name of the Post	वेतन/Stipend (प्रतिमाह/per Month)	अवधि Duration	पदों की सं./No. of Posts	अनिवार्य अर्हता एवं अनुभव /Essential Qualifications & Experience	वांछनीय अर्हता एवं अनुभव Desirable Qualification & Experience	कार्य विनिर्देश/Job Specification
12	PF(I) - 004	Project Fellow - I	*₹ 25000/- ₹ 28000/-	2 Years	1	First Class B.E. / B.Tech / M.E. / M.Tech in Electronics Engineering	Experience of 2 to 3 years in the field of Designing MEMS devices	Design of MEMS sensors using Conventorware, MEMS + Software's
13	PF(I) - 005	Project Fellow - I	₹ 25000/-	2 Years	1	First class B.E. / B.Tech in Mechanical / Mechatronics / Electrical / Electronics Engineering	Preference will be given to those who have 2-3 years of experience in utility and gas management related to clean rooms	For utility and gas management Activities
14	PF(II) - 001	Project Fellow - II	₹ 30,000/-	1 Year	2	First Class B.E. / B.Tech in CS / IT / ECE or First Class MCA with 2 years experience Or M.E. / M.Tech in CS / IT / ECE with 1 year experience	Upto 2 years experience in Web page development	<ul style="list-style-type: none"> • Design & Development of new web page • Software support to the R&D Groups • Maintenance & Updating of existing webpage
15	PF(II) - 002	Project Fellow-II	₹ 30,000/-	4 Years	1	First Class B.E./B.Tech. in Mechanical Experience: 2 years	Experience in M.Sc CAD/CAE/CAM software's	<ul style="list-style-type: none"> • Woking knowledge of 3D modelling • Working knowledge of FEA • Working knowledge of Manufacturing automation using CAM

16	PF(II)- 003	**Project Fellow - II OR Project Fellow - III	₹.30,000/- ₹ 35,000/-	2 Years	2	First class M.B.A with B.E. / B.Tech (other than Automobile and Civil Engineering) with full time MBA course in Marketing. Experience: 2 Years for Project Fellow – III	Experience in Business Development, Technology Marketing, Market Study etc.	<ul style="list-style-type: none"> • Technology Marketing • Customer Interactions • Market Study • Preparations of Technology Monogram • Follow up of Tenders • Technology Outcome Assessment
क्र. सं. S I No.	पद कोड Post Code	पद का नाम Name of the Post	वेतन/Stipend (प्रतिमाह/per Month)	अवधि Duration	पदों की सं./No. of Posts	अनिवार्य अर्हता एवं अनुभव /Essential Qualifications & Experience	वांछनीय अर्हता एवं अनुभव Desirable Qualification & Experience	कार्य विनिर्देश/Job Specification
17	PF(II)- 004	Project Fellow – II	₹ 30,000/-	2 Years	2	First Class B.E. / B.Tech in Electronics & Communication / Computer Science Experience: 2 years	Labview programming, various NI modules (PXI, Crio) and Labview RT programming, various data communication protocol (TCPIP, VISA, etc)	Software development for testing of aerospace components in Labview. Data logging between applications. Testing of various Aerospace Components and generation of test report
18	PF(III) - 001	Project Fellow - III	₹ 35,000/-	2 Years	3	First Class B.E. / B.Tech in Electronics & Communication / Computer Science Experience: Minimum 5 years	Labview programming, various NI modules (PXI, Crio) and Labview RT programming, various data communication protocol (TCPIP, VISA, etc)	Software development for testing of aerospace components in Labview. Data logging between applications. Testing of various Aerospace Components and generation of test report.
19	PF(III) - 002	Project Fellow - III	₹ 35,000/-	2 Years	1	1. First Class B.E./B.Tech. in Electrical Engineering Experience: Minimum 5 years 2. Diploma in Electrical Engineering Experience: Minimum 10 years	Design & Development of Electronics / Electrical control system, supervise electrical wiring, assembly and testing, calibration of instruments	Design & Development of Electrical Control system, Selection/Design of Electrical Cabinets, Supervision of assembly, Testing of 5 Test Rigs

20	PF(III) - 003	Project Fellow-III	₹ 35,000/-	1 Year	1	First Class in B.E./B.Tech. In Computer Science Experience: Minimum 5 years	<ul style="list-style-type: none"> • First Class in MTech. (Computer Science / Mechatronics) • Relevant Industrial experience 	<ul style="list-style-type: none"> • To develop the CMTI server system for IIoT technology • To acquire the data over cloud and data management • To develop cloud based data analytics • To develop data visualization, representation and graphical user interface • Edge controller scripting and taking data to the cloud/server • SQL, PHP, Python, JAVA script development for IIOT solutions 	
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क्र. सं. S I No.	पद कोड Post Code	पद का नाम Name of the Post	वेतन/Stipend (प्रतिमाह/per Month)	अवधि Duration	पदों की सं./No. of Posts	अनिवार्य अर्हता एवं अनुभव /Essential Qualifications & Experience	वांछनीय अर्हता एवं अनुभव Desirable Qualification & Experience	कार्य विनिर्देश/Job Specification	
21	PF (III) - 004	**Project Fellow – II OR Project Fellow - III [In lieu of Senior Research Fellow (SRF)]	₹ 30,000/- / ₹ 32,000/- ₹ 35,000/-	1 Year	1	First Class B.E. / B.Tech / M.E in Electrical & Electronics Engineering with 2 years of working experience. Experience: 5 Years Experience for Project Fellow – III	Development of Electrical / Electronics / Control Engineering projects / Development of Solenoid Coils & Controls	Design, Development, testing and proving the Flow Control Valve for Ventilator	
22	PF(IV) - 001	Project fellow –IV	₹ 45,000/-	1 Year	1	First Class in M.Sc. (Physics) or B.E. (Metallurgy) Experience: Minimum 10 Years	Relevant Industrial experience	<ul style="list-style-type: none"> • Experience in FESEM-FIB and sample preparations of FIB/SEM 	
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- For Project Fellow – I, Rs. 25000/- for B.E. / B.Tech and Rs. 28,000/- for M.E. / M.Tech.
- For Project Fellow – II, Rs. 30000/- for B.E. / B.Tech and Rs. 32,000/- for M.E. / M.Tech.
- For SI No. 16 & 21, successful candidates will be engaged as Project Fellow- II or Project Fellow - III as per their eligibility.
- Candidates found eligible for upper levels shall be placed accordingly with the approval of Competent Authority.

संशोधन/AMENDMENT

क्र. सं. S I No.	पद कोड Post Code	पद का नाम Name of the Post	वेतन/Stipend (प्रतिमाह/per Month)	अवधि Duration	पदों की सं./No. of Posts	अनिवार्य अर्हता एवं अनुभव /Essential Qualifications & Experience	वांछनीय अर्हता एवं अनुभव Desirable Qualification & Experience	कार्य विनिर्देश/Job Specification
23	PF(II) - 005 In lieu of SI No. 20	Project Fellow - II	₹ 30,000/-	1 Year	1	First Class in B.E./B.Tech. In Computer Science Experience: Minimum 2 years	<ul style="list-style-type: none"> • First Class in MTech. (Computer Science / Mechatronics) • Relevant Industrial experience 	<ul style="list-style-type: none"> • To develop the CMTI server system for IIoT technology • To acquire the data over cloud and data management • To develop cloud based data analytics • To develop data visualization, representation and graphical user interface • Edge controller scripting and taking data to the cloud/server • SQL, PhP, Python, JAVA script development for IIOT solutions
24	PF(II) - 006 In lieu of SI No. 22	Project fellow - II	₹ 30,000/-	1 Year	1	First Class in M.Sc. (Physics) or B.E. (Metallurgy) Experience: Minimum 02 Years	Relevant Industrial experience	<ul style="list-style-type: none"> • Experience in FESEM-FIB and sample preparations of FIB/SEM

अनुदेश / INSTRUCTIONS:

1. सभी प्रयोजनों जिसमें आयु भी शामिल है के लिए विच्छेदक तिथि 31.05.2020 है।
Cut off date for all purposes including age is 31.05.2020.
2. केवल भारतीय नागरिक ही आवेदन के लिए योग्य है।
Only Indian Nationals are eligible to apply.
3. उम्मीदवारों से अनुरोध किया जाता है कि वे वैध ईमेल आईडी आवेदन में अनिवार्य रूप से उपलब्ध कराएं।
The candidates are requested to possess the valid email id which is to be compulsorily provided in the application.
4. केवल आवश्यक योग्यता के आधार पर उम्मीदवारों को साक्षात्कार में बुलाए जाने की बाध्यता नहीं होगा।
Mere possession of required qualification will not entitle the candidates to be called for interview.
5. अनुभव का अर्थ उक्त श्रेणी में मांगी गई न्यूनतम शैक्षणिक अर्हता प्राप्त करने के बाद संबंधित क्षेत्र में अनुभव से है। दावा किया गया अनुभव वैध दस्तावेज द्वारा समर्थित होना चाहिए।
Experience shall mean the experience in the relevant field after obtaining the minimum educational qualification prescribed for in the said category. Experience claimed should be supported by valid documentation.

6. अत्यधिक योग्य / असाधारण मामलों में स्थिति को शिथिल किया जा सकता है। संस्थान साक्षात्कार / लिखित परीक्षा के लिए शॉर्टलिस्टिंग मापदंड को अपने तरीके से अपनाने का अधिकार सुरक्षित रखता है और वे सभी उम्मीदवार जो न्यूनतम आवश्यकता को पूरा करते हैं, उनको शॉर्टलिस्ट करने के लिए बाध्य नहीं हैं।

The conditions may be relaxed in highly deserving /exceptional cases. The Institute reserve the right to adopt its own method of short-listing criteria for interview/written examination and is not obliged to shortlist all the candidate who fulfil the minimum requirement.

7. आयु छूट भारत सरकार के आदेश / मानदंड के अनुसार स्वीकार्य है अनुसूचित जाति/अनुसूचित जनजाति/अन्य पिछड़ा वर्ग से संबंधित उम्मीदवार सत्यापन के समय वैध जाति प्रमाण पत्र की छायाप्रति जमा करें।

Age relaxation is admissible as per Government of India order/Norms. Candidate belonging to SC/ST/OBC should submit photocopy of valid caste certificate at the time of verification.

8. सीएमटीआई बिना कारण बताए विज्ञापित पद को भरने या न भरने का अधिकार सुरक्षित रखती है। चयनित उम्मीदवारों को सीएमटीआई में नियमित पद पर शामिल होने का कोई अधिकार नहीं होगा।

CMTI reserves the right to fill-up or not to fill up the post advertised without assigning any reasons thereof. Selected candidates will not have any right to absorb in the regular post in CMTI.

9. पदों की संख्या सांकेतिक है और यह संस्थान की आवश्यकता के आधार पर कम-ज्यादा हो सकते हैं।
No. of posts are indicative and it may vary depending upon the Institutes requirement.

10. प्रथम श्रेणी का अर्थ है अर्हक परीक्षा के सभी सत्रों में कुल 60% अंक।

1st class means 60% marks aggregates of all semesters in the qualifying examination.

11. साक्षात्कार / कौशल परीक्षा में भाग लेने के लिए टीए / डीए का भुगतान नहीं किया जाएगा, यदि कोई हो।
No TA/DA will be paid for attending the interview/written examination, if any

12. विचार के लिए सीजीपीए ग्रेडिंग को प्रतिशत में परिवर्तित किया जाएगा।

CGPA grading will be converted in to the percentage for consideration.

13. छुट्टी: प्रत्येक माह समाप्त होने के बाद एक छुट्टी के पात्र होंगे। छुट्टी के नकदीकरण की अनुमति नहीं है।

Leave: One day for each completed month will be eligible. No leave encashment is permitted.

14. उम्मीदवार कई पदों के लिए आवेदन कर सकते हैं (अधिकतम तीन पदों के लिए)। ऐसे मामले में , आवेदन पत्र पर पोस्ट कोड का उल्लेख करते हुए केवल एक आवेदन पत्र जमा किया जाना चाहिए।

Candidates may apply for multiple posts (maximum for three posts). In such case, only one application form to be submitted mentioning the post codes on the application form.

15. पद के लिए आवेदन करते समय योग्यता और अनुभव पर विचार किया जाएगा।

Qualification and Experience possessed at the time of applying for the post will be considered.

16. उपरोक्त भर्ती के संबंध में कोई भी संशोधन केवल सीएमटीआई की वेबसाइट पर अधिसूचित किया जाएगा।

Any amendments with regard to the above recruitment will be notified in CMTI Website only.

17. किसी भी रूप में संयाचना करना निरर्हता मानी जाएगी।

Canvassing in any form would be a disqualification.

18. सभी पद अस्थायी और कार्यकाल पर आधारित हैं और नियमितीकरण पर कोई बाध्यता नहीं है।

All posts are temporary and tenure based and no obligation on regularization.

19. प्रत्येक पद के लिए उल्लेखित समेकित वेतन है, कोई अन्य हितलाभ स्वीकार्य नहीं है।

Stipend mentioned against each post is consolidated, not admissible for any other benefits.

20. शॉर्टलिस्ट किए गए उम्मीदवारों का साक्षात्कार व्यक्तिगत / वीडियो कॉन्फ्रेंस (वीसी) / किसी अन्य मोड के माध्यम से आयोजित किया जा सकता है।

For shortlisted candidates the interview may be held through personal / video conference (VC) / any other modes.

21. इच्छुक उम्मीदवारों से अनुरोध है कि वे निर्धारित प्रारूप में आवेदन पत्र को विधिवत भ रकर (वेबसाइट पर उपलब्ध) **पीडीएफ और साथ ही वर्ड दोनों प्रारूपों के साथ अपने व्यक्तिवृत/ बायोडाटा को 12.06.2020 तक या इससे पहले est.cmti@nic.in पर मेल करें। आवेदन पत्र को एरियल फॉन्ट के 12 आकार में भरा जाना है।**

Interested candidates are requested to mail the Application in the prescribed Format duly filled in (available in the website) both **in PDF as well as Word format along with your CV/ Resume** to est.cmti@nic.in on or before **12.06.2020**. The font to be used to fill the application is **Arial** and size **12**.

22. उम्मीदवारों को मेल के माध्यम से मार्क्स कार्ड / प्रमाण पत्र की प्रति प्रस्तुत करने की आवश्यकता नहीं है। जब भी आवश्यकता होगी उसी के साथ संपर्क किया जाएगा। प्रमाणपत्र में पाई गई कोई भी विसंगति अयोग्यता को आकर्षित करेगी। हालांकि, साक्षात्कार / रिपोर्टिंग के समय मूल प्रमाणपत्रों को प्रस्तुत न करना भी उम्मीदवार को अयोग्य बना देगा।

Candidates need not submit the copy of Marks card / Certificates through mail. As and when required will communicate the same. Any discrepancies found in the certificate will attract the disqualification. However, non production of the original certificates at the time of interview/ reporting will also make the candidate disqualified.