

सं./No. 4/18/2022-Rct

Advertisement No. 05/2022

दिनांक / Date : 29.11.2022

[WALK-IN-INTERVIEW FOR THE POSITION OF PROJECT- JRF/ PROJECT ASSOCIATE / PROJECT ASSISTANT]

वर्ष 1958 में स्थापित सीएसआईआर-केन्द्रीय यांत्रिक अभियांत्रिकी अनुसंधान संस्थान, वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद, सीएसआईआर जो भारत सरकार के विज्ञान और प्रौद्योगिकी मंत्रालय के तहत एक स्वायत्त निकाय है, के तत्वावधान में मैकेनिकल इंजीनियरिंग और संबंधित विषयों के लिए भारत का सर्वोच्च अनुसंधान तथा विकास संस्थान है। वर्तमान में संस्थान द्वारा अनुसंधान में प्राथमिकता वाले क्षेत्र हैं COVID - 19 महामारी से संबन्धित तकनीकी विकास, उन्नत डिजाइन और विश्लेषण, रोबोटिक्स और मेकैट्रॉनिक्स, उन्नत विनिर्माण और मेट्रोलॉजी, इलेक्ट्रॉनिक्स और एंबेडेड सिस्टम, ड्राइव एंड कंट्रोल, नियर नेटशेप मैनुफैक्चरिंग, माइक्रोसिस्टम टेक्नोलॉजीज-; परिशुद्धता फार्म मशीनरी; उन्नत कार्यात्मक सामग्री, ट्राइबोलॉजी; उत्पाद और प्रक्रिया डिजाइन, अक्षय ऊर्जा प्रौद्योगिकी इत्यादि।

CSIR-Central Mechanical Engineering Research Institute, established in 1958, is the apex R&D Institute for mechanical engineering and allied disciplines under the aegis of the Council of Scientific and Industrial Research (CSIR), which is an Autonomous Body under Ministry of Science & Technology, Government of India. The present priority areas of research of the institute include **Development of technologies to combat COVID-19 pandemic; Advanced Design and Analysis; Robotics & Mechatronics, Advanced Manufacturing and Metrology, Electronics & Embedded Systems, Drives & Control; Near Netshape Manufacturing, Micro-Systems Technologies; Precision Farm Machinery; Advanced Functional Materials, Tribology; Product and Process design, Renewable Energy Technologies etc.**

सीएसआईआर-सीएमईआरआई, दुर्गापुर में 8 - 9 दिसम्बर, 2022 के दौरान प्रोजेक्ट-जेआरएफ / परियोजना सहाय्योगी / परियोजना सहायक के लिए विभिन्न परियोजनाओं में आबन्ध हेतु प्रवेश साक्षात्कार /वॉक -इन-इंटरव्यू का आयोजन किया जाएगा। चयनित उम्मीदवारों को उन्नत प्रयोगशालाओं में विभिन्न अनुसंधान एवं विकास परियोजनाओं के तहत काम करने तथा प्रशिक्षण का अवसर मिलेगा। रिक्तियों की संख्या डीसीप्लीन या प्रोजेक्ट के आधार पर बढ़ाई या घटाई जा सकती है।

A Walk-in-interview will be conducted at CSIR-CMERI, Durgapur at the above address during **8th – 9th December, 2022** to select candidates for engagement as **Project-JRF/Project Associate/Project Assistant** under various projects. The selected candidates will have opportunity of hands on training/exposure of working under different R&D projects at state of the art Laboratories. The vacancy position may vary either way even across the disciplines or projects.

Sl. No.	Post Code	Project No.	Name of the Positions	No. of Positions	Educational Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
01	P-4701	HCP-0101	Project Associate-I	01	B.E./B.Tech in Mechanical Engineering from a recognized University or equivalent. Desirable: Candidate should have knowledge in 2D drafting and 3D Modeling	Up to 31.03.2023 (Extendable)	35 Years	₹25,000/-
02	P-4702	MLP-239812	Project Associate-I	02	B.E./B.Tech in Mechanical Engineering from a recognized University or equivalent. Desirable: Experience in manufacturing of component, tractor testing, data collections.	Up to 31.03.2024 (Extendable)	35 Years	₹25,000/-
03	P-4703	GAP-238712	Project JRF	01	B.E./B.Tech / M.E. / M.Tech in Mechanical / Chemical Engineering selected through a process described through any one of the following: a) National Eligibility Test – CSIR – NET, URC-NET including lectureship (Assistant Professorship) and GATE. b) The Selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc. Desirable: The JRF shall be involved in the Design & Engineering ; Fabrication and Experimental work both at CSIR-CMERI and IIT Roorkee.	Up to 23.03.2023 (Extendable)	28 Years	₹31000/- (after 02 years of continued service with based on performance the fellow may be upgraded to Project-SRF for 3 rd year)
04	P-4704	MLP-239612	Project Associate-I	01	B.E./B.Tech in Mechanical Engineering from a recognized University or equivalent.	31.03.2023	35 Years	i. ₹31,000/- to Scholars who are selected through (a) National Eligibility Test-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. ii. ₹25,000/- for others who do not fall under (i) above.

Sl. No.	Post Code	Project No.	Name of the Positions	No. of Positions	Educational Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
05	P-4705	HCP-0042/1	Project Associate-I	01	B.E./B.Tech in Electrical / Electronics / Instrumentation / Communication Engineering from a recognized University or equivalent. Desirable : Experience in ANY ONE or MORE of the following will be of added advantage: Handling various sensors, controllers and drives for motors (DC, BLDC, Stepper etc.), Networking, Digital Signal Processing, Power Electronics, designing and building circuits and knowledge of instrumentation, measurement techniques, data acquisition, handling of discrete analog and digital devices/components, DSP controller, microcontroller boards (Raspbrery Pi, Arduino, Jetson etc.), acquaintance of PCB design and circuit analysis software, knowledge of C/C++, or Python, or Matlab Programming will be preferred.	01 Year (Extendable based on candidate's performance)	35 Years	i. ₹31,000/- to Scholars who are selected through (a) National Eligibility Test-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. ii. ₹25,000/- for others who do not fall under (i) above.
06	P-4706	MLP-239912	Project Associate-I	01	B.E./B.Tech in Electronics/Electronics and Communication / Electronics and Instrumentation Engineering from a recognized University or equivalent. Desirable : Preferable proficiency in programming languages e.g. C/Python and circuit design.	01 Year (Extendable)	35 Years	i. ₹31,000/- to Scholars who are selected through (a) National Eligibility Test-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. ii. ₹25,000/- for others who do not fall under (i) above.
07	P-4707	MLP-202512	Project Associate-I	01	B.E./B.Tech in Computer Science and Engineering / Information Technology / Electronics and Communication / Electronics and Instrumentation Engg. from a recognized University or equivalent. Desirable (Any): Good knowledge/experience of programming particularly in Python, Web Technologies /Micro-services/API/Docker / Internet of Things / Data Analytics	01 Year (Extendable) or co-terminus with the project	35 Years	i. ₹31,000/- to Scholars who are selected through (a) National Eligibility Test-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. ii. ₹25,000/- for others who do not fall under (i) above.
08	P-4708	HCP-0042/02	Project Associate-I	01	B.E./B.Tech in Computer Science and Engineering / Information Technology / Electricals / Electronics and Communication / Electronics and Instrumentation Engg. from a recognized University or equivalent. Desirable (Any): Good knowledge/experience of programming languages/machine learning/embedded systems /optical system design / digital imaging system design / hardware interfacing etc.	01 Year (Extendable) or co-terminus with the project	35 Years	i. ₹31,000/- to Scholars who are selected through (a) National Eligibility Test-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. ii. ₹25,000/- for others who do not fall under (i) above.
09	P-4709	MLP-231512	Project Associate – I Or Project Associate – II	01	For Project Associate – I : BE / B.Tech. in Computer Science/Information Technology/Electricals / Electronics and Communication / Electronics and Instrumentation Engineering from a recognized University or equivalent. Desirable : Good Knowledge/Experience of programming/designing industrial scada system with PLC control/PLC programming/hardware interfacing etc. Or For Project Associate-II BE / B.Tech. in Computer Science/Information Technology/Electricals / Electronics and Communication / Electronics and Instrumentation Engineering from a recognized University or equivalent with two years of experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organization and Scientific activities and services. Desirable: Good Knowledge/Experience of programming/designing industrial scada system with PLC control/PLC programming/hardware interfacing etc.	Up to 31.03.2023 or co-terminus with the project	35 Years	i. ₹31,000/- to Scholars who are selected through (a) National Eligibility Test-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. ii. ₹25000/- for others who do not fall under (i) above.
						Up to 31.03.2023 or co-terminus with the project	35 Years	i. ₹35,000/- to Scholars who are selected through (a) National Eligibility Test-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. ii. ₹28000/- for others who do not fall under (i) above.

Sl. No.	Post Code	Project No.	Name of the Positions	No. of Positions	Educational Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
10	P-4710	GAP-229812	Project Associate-I	01	B.E. / B. Tech in Computer Science and Engg./ Information Technology from a recognized University or equivalent. Desirable : Programming knowledge in C/C++/Python, Hands on experience in Microcontroller programming, Sensor data acquisition and Integration.	Up to 31.03.2023	35 Years	i. ₹31,000/- to Scholars who are selected through (a) National Eligibility Test-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. ii. ₹25000/- for others who do not fall under (i) above.
11	P-4711	MLP-239612	Project Associate-I	01	M.Sc. in Electronic Science / Physics / Material Science from a recognized University or equivalent.	Up to 31.03.2023	35 Years	i. ₹31,000/- to Scholars who are selected through (a) National Eligibility Test-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. ii. ₹25,000/- for others who do not fall under (i) above.
12	P-4712	HCP-0101	Project Assistant	01	Three years Diploma in Mechanical Engineering & Technology. Desirable : Knowledge in 2D drafting and 3D Modeling.	Up to 31.03.2023 (Extendable)	50 Years	₹20,000/-
13	P-4713	MLP-239912	Project Assistant	01	Three years Diploma in Mechanical Engineering & Technology. Desirable : Preferable proficiency in CAD softwares and Manufacturing.	01 Year (Extendable)	50 Years	₹20,000/-
14	P-4714	GAP-234712	Project Assistant	01	Three years Diploma in Mechanical Engineering & Technology.	Up to 09.02.2023 (Extendable)	50 Years	₹20,000/-
15	P-4715	MLP-239812	Project Assistant	01	Three years Diploma in Electrical Engineering & Technology. Desirable : Knowledge in motors (BLDC PMSM, SRM), motor controller, battery selection and integration, integration of electrical drive in electric vehicle and its testing, field data collections.	Up to 31.03.2024	50 Years	₹20,000/-

वास्तविक पदों की संख्या साक्षात्कार की तारीख को भिन्न हो सकती है। ऊपर उल्लिखित कार्यकाल को घटाया या बढ़ाया जा सकता है। किसी भी मामले में कार्यकाल परियोजना की अवधि के साथ सह टर्मिनस या-परियोजना में आवश्यकता की अवधि तक जो भी पहले हो, होगा।

Actual number of positions may vary on the date of the Walk-In-Interview. Tenure mentioned above may be extended or curtailed. In any case, it is co-terminus with the project or till such time this requirement exists whichever is earlier.

जिन उम्मीदवारों ने पहले ही सीएसआईआर-सीएमईआरआई या किसी अन्य सीएसआईआर लैब में पाँच वर्ष या अधिक की अवधि के लिए ट्रेनी/प्रोजेक्ट असिस्टेंट/प्रोजेक्ट फेलो/जेआरएफ/एसआरएफ/प्रोजेक्ट एसोसिएट/रिसर्च एसोसिएट इत्यादि के रूप में काम किया है वे उपरोक्त आबन्ध के लिए पात्र नहीं हैं। जिन उम्मीदवारों ने चयन के बाद पाँच साल से कम की अवधि के लिए सेवा की है, उनका कार्यकाल स्वचालित रूप से पाँच साल पूरा होने पर समाप्त हो जाएगा। चयनित उम्मीदवार संबंधित परियोजना के उपर्युक्त अवधि के लिए आबंधित होंगे, जिसे परियोजना की समाप्ति या अधिकतम पाँच वर्ष के लिए जो भी पहले हो, तक घटाया या बढ़ाया जा सकता है।

The candidates who have already served CSIR-CMERI or any other Lab./Instt. of CSIR as a Trainee / Project Assistant / Project Fellow / JRF / SRF /Project Associate/ Research Associate etc. for a period of 5 years or more are not eligible for the above engagements. The candidates who have served for a period less than 5 years, upon selection, their tenure will automatically end on completion of five years. Selected Candidate(s) will be engaged for above mentioned period of the respective project, which may also be curtailed or extended upto completion of project period or maximum five years, whichever is earlier as per requirement in the project.

ऊपरी आयु सीमा, योग्यता या अनुभव आदि का निर्धारण करने की तारीख संबंधित पद कोड के साक्षात्कार की तारीख होगी। अनुसूचित जाति/अनुसूचित जनजाति/अन्य पिछड़ा वर्ग और महिला उम्मीदवारों की आयु सीमा में छूट सरकार/सीएसआईआर के नियमों के अनुसार प्रदान की जाएगी।

The date for determining the upper age limit, qualification and/or experience etc. will be the date of interview of the respective Post Code. Relaxation in age limit of the candidates belonging to SC/ST/OBC and Women shall be provided as per the Government of India/CSIR rules.

योग्यता प्राप्त इच्छुक उम्मीदवारों को अपने सभी मूल प्रमाणपत्रों के साथ चयन समिति के समक्ष उपस्थित होना है। उम्मीदवार प्रत्येक मूल प्रमाणपत्रों की स्व-अभिप्रमाणित छायाप्रति और पासपोर्ट आकार की फोटो एवं मार्कशीट के साथ तथा संस्थान की वेबसाइट पर उपलब्ध आवेदन फॉर्म को अच्छी तरह से पढ़कर और भरकर निर्धारित तिथि, स्थान व समय पर भाग ले सकते हैं। किसी भी प्रकार का यात्रा भत्ता भुगतान देय नहीं होगा। साक्षात्कार के दौरान हिंदी/अंग्रेजी भाषा का प्रयोग सम्प्रेषण के माध्यम के रूप में किया जा सकता है। चयन प्रक्रिया देर शाम / अगले दिन तक जारी रह सकता है, अतः उम्मीदवारों को तदनुसार तैयार होकर आने की सलाह दी जाती है।

The interested candidates may appear before the Selection Committee with **all their original certificates, mark sheets with a self attested photo copy of each and a recent passport size photograph along with the filled-in Application Form** available in the Institute website, as per the date and time given below. No TA/DA will be paid for attending the Walk-In-Interview. Hindi/English Language can be opted as a medium of communication during Walk-In-Interview. **The Selection process may continue till late evening/next day, Candidates are advised to come prepared accordingly.**

यदि साक्षात्कार प्रक्रिया के दौरान या उसके बाद यह पाया जाता है कि उम्मीदवार पात्रता के सभी मानदंडों को पूरा नहीं करते हैं, तो उनकी उम्मीदवारी को बिना किसी कारण बताए रद्द कर दी जाएगी। इसके अलावा, चयन प्रक्रिया के संबंध में सी एस आई आर-सी एम ई आर आई का निर्णय अंतिम और सभी संबंधितों के लिए बाध्यकारी होगा। संस्थान द्वारा इस संबंध में कोई पत्राचार स्वीकार नहीं किया जाएगा।

If it is found at any stage of the process or thereafter that the candidates do not fulfill the eligibility criteria, their candidature shall be cancelled without assigning any reason whatsoever. Further, the decision of CSIR-CMERI in regard to the selection process will be final and binding to all concerned. No correspondence in this regard will be entertained by the Institute.

चयनित उम्मीदवारों को अनुबंध की पेशकश राशि की उपलब्धता और सक्षम प्राधिकारी की स्वीकृति के आधार पर जारी की जाएगी। विज्ञापन में उल्लिखित कार्यकाल अस्थायी है जिसे सक्षम प्राधिकारी के निर्णय के अनुसार घटाया या बढ़ाया जा सकता है।

Offer of engagement to the selected candidates will be issued subject to availability of fund and approval of the Competent Authority. Tenure as mentioned in the advertisement is tentative and liable to be curtailed/extended as per decision of the Competent Authority.

Candidates who are presently engaged in any Project either in CSIR-CMERI or any other Labs/Institute of CSIR, should produce the NOC for his/her appearing for the Walk-In-Interview from Competent Authority, failing which, they will not be allowed to appear in the interview.

In case of any discrepancy in Hindi language, English language may be treated as final.

Schedule of Walk-in-interview

Sl. No.	Post Code No. with Project No.	Date of Walk-in-Interview	Venue	Reporting Time	Important Instruction
I	P-4701(HCP-0101), P-4702(MLP-239812), P-4703(GAP-238712), P-4704(MLP-239612),	8 th December, 2022 (Thursday)	CSIR-Central Mechanical Engineering Research Institute (CSIR-CMERI), Mahatma Gandhi Avenue, Durgapur - 713 209, Paschim Bardhaman, West Bengal	09:30 AM to 11:00 AM	During the time of Walk-In-Interview, appropriate physical distance will be maintained and other preventive norms will be followed to contain the spread of COVID-19. We also request to all candidates to mandatorily undergo thermal scanning and sanitization. No candidates will be allowed without wearing mask and updated 'Aarogya Setu' App at the entry point of the Institute / venue of Walk-In-Interview.
II	P-4705(HCP-0042/1), P-4706(MLP-239912), P-4707(MLP-202512) P-4708(HCP-0042/02), P-4709(MLP-231512), P-4710(GAP-229812), P-4711(MLP-239612)				
III	P-4712(HCP-0101), P-4713(MLP-239912), P-4714(GAP-234712), P-4715(MLP-239812)	9 th December, 2022 (Friday)			

Controller of Administration