

[WALK-IN-INTERVIEW FOR PROJECT- SRF/JRF/ PROJECT ASSISTANT]

वर्ष 1958 में स्थापित सीएसआईआरसेंट्रल मैकेनिकल इंजीनियरिंग रिसर्च इंस्टीट्यूट, वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद, सीएसआईआर जो भारत सरकार के तहत एक स्वायत्त निकाय है, के तत्वावधान में मैकेनिकल इंजीनियरिंग और संबद्ध विषयों के लिए भारत का सर्वोच्च अनुसंधान तथा विकास संस्थान है। वर्तमान में संस्थान द्वारा अनुसंधान में प्राथमिकता वाले क्षेत्र हैं उन्नत डिजाइन और विश्लेषण ; रोबोटिक्स और मेकट्रोनिक्स, 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 the Government of India. The present priority areas of research of the institute are: **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.**

सीएसआईआरसीएमईआरआई, दुर्गापुर में 17 तथा 18 फरवरी, 2020 के दौरान प्रोजेक्ट-प्रोजेक्ट असिस्टेंट लेवल / जेआरएफ / एसआरएफ-1 के लिए पूर्णतः अस्थायी रूप में विभिन्न परियोजनाओं में आबन्ध हेतु प्रवेश साक्षात्कार /वॉक इंटरव्यू-इन का आयोजन किए जाएंगे। चयनित उम्मीदवारों को उन्नत प्रयोगशालाओं में विभिन्न अनुसंधान एवं विकास परियोजनाओं के तहत काम करने तथा प्रशिक्षण का अवसर मिलेगा।

A Walk-in-interview will be conducted at CSIR-CMERI, Durgapur at the above address during **17th & 18th February, 2020** to select candidates for engagement as **Project-SRF/JRF/Project Assistant Level-I** 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 and projects.

Sl. No.	Post Code	Project No. / Sponsored Agency	Name of the Positions	No. of Positions	Educational Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
01.	P-3801	GAP-026712	Project -SRF/JRF (Posted at CSIR-CMERI-CoEFM, Ludhiana)	02	For Project JRF B.E./B.Tech/M.E./M.Tech in Mechanical Engineering selected through a process described through any one of the following:- a) Scholars who are selected through National Eligibility Tests-CSIR-UGC 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. For Project SRF Qualification prescribed for Project-JRF with two years of research experience. Desirable : Experience in design & Analysis of mechanical systems.	01 Year or completion of project, whichever is earlier	28 Yrs for Project JRF 32 Yrs for Project SRF	₹31000/- for Project JRF ₹35000/- for Project SRF
02.	P-3802	GAP-228912	Project Assistant Level-I	01	Diploma in Mechanical / Civil / Aeronautical Engineering with minimum 55% marks Desirable : Experience in design and modeling softwares, sound knowledge in fluid mechanics.	One Year (Extendable)	28 Years	₹15000/-
03.	P-3803	GAP-228912	Project-SRF	01	B.E./B.Tech/M.E./M.Tech in Aeronautical / Aerospace / Mechanical Engineering selected through a process described through any one of the following:- a) Scholars who are selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) and GATE with two years of research experience. 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. with two years of research experience. Desirable : Knowledge and working experience in aerodynamics wind tunnel testing.	One Year (Extendable)	32 Yrs.	₹35000/-
04.	P-3804	GAP-224712	Project-JRF	01	B.E./B.Tech/M.E./M.Tech in Mechanical / Thermal / Production Engg. / Metallurgical and Materials Engineering selected through a process described through any one of the following:- a) Scholars who are selected through National Eligibility Tests-CSIR-UGC 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 : Proficiency in Multi-Phase Flow Simulation / Simulation of Metal Solidification / CAD and Solid modelling / Computer languages such as "C" or "Fortran"/Metal casting/Material characterization.	Up to 31.07.2020 (Extendable upto 2 years based on performance)	28 Yrs.	₹25000/- (Enhanced remuneration of Rs.31000/- is subject to the clearance from the funding agency)

Sl. No.	Post Code	Project No. / Sponsored Agency	Name of the Positions	No. of Positions	Educational Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
05.	P-3805	GAP-219112	Project-JRF	01	<p>B.E./B.Tech/M.E./M.Tech in Mechanical /Civil / Aeronautical / Aerospace Engineering selected through a process described through any one of the following:-</p> <p>a) Scholars who are selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) and GATE .</p> <p>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.</p> <p>Desirable : Knowledge in solid and Analytical Mechanics, Mechanisms and Matlab programming. Experience in solid modeling and use of solid modeling and drafting and other dynamics (Preferable) software packages. Experience on hands-on experiments and mechanical fitting and assembly work will be preferred.</p>	One Year (Extendable)	28 Yrs.	₹31000/-
06.	P-3806	GAP-219112	Project-JRF	01	<p>B.E./B.Tech/M.E./M.Tech in Electronics/ Instrumentation/ Communication/Radio Physics with Electronics Engineering specialization /M.Sc. (physics) with Electronics specialization selected through a process described through any one of the following:-</p> <p>a) Scholars who are selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) and GATE .</p> <p>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.</p> <p>Desirable : Knowledge and working experience in developing and handling various sensors, motors, actuators, designing and building circuits and knowledge of instrumentation measurement techniques, data acquisition, handling of discrete analog and digital devices/components, mosfets, microcontroller boards, acquaintance with Labview circuits analysis software/toolbox, knowledge of C/C++, Python and Matlab programming.</p>	One Year (Extendable)	28 Yrs.	₹31000/-
07.	P-3807	GAP-227612	Project-JRF	01	<p>B.E./B.Tech/M.E./M.Tech in Electronics/ Electrical / Instrumentation / Mechatronics Engineering selected through a process described through any one of the following:-</p> <p>a) Scholars who are selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) and GATE .</p> <p>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.</p> <p>Desirable : Knowledge in the area of Microprocessor, Embedded controller programming, mechatronics system integration, MATLAB</p>	One Year (Extendable)	28 Yrs.	₹31000/-
08.	P-3808	GAP-222812	Project-JRF	01	<p>B.E./B.Tech/M.E./M.Tech in Electronics and allied branches/ Electrical / Mechatronics / Biomedical Engineering selected through a process described through any one of the following:-</p> <p>a) Scholars who are selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) and GATE .</p> <p>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.</p> <p>Desirable : working knowledge in sensor development/nano materials/electronic circuits.</p>	Up to 23.07.2020	28 Yrs.	₹31000/-
09.	P-3809	GAP-227712	Project –SRF/JRF	01	<p><u>For Project JRF</u> B.E./B.Tech/M.E./M.Tech in Electronics/ Electrical Engineering / Energy Science and Technology selected through a process described through any one of the following:-</p> <p>a) Scholars who are selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.</p> <p>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.</p> <p><u>For Project SRF</u> Qualification prescribed for Project-JRF with two years of research experience. Desirable : Preference will be given on prior research in vibration sensor, wireless sensor network.</p>	02 Years	28 Yrs for Project JRF 32 Yrs for Project SRF	₹31000/- for Project JRF ₹35000/- for Project SRF

Sl. No.	Post Code	Project No. / Sponsored Agency	Name of the Positions	No. of Positions	Educational Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
10.	P-3810	GAP-218012	Project –SRF/JRF	01	<p>For Project JRF B.E./B.Tech in Electrical/ Electronics/ Computer Science Engineering Or M.E./M.Tech in Electrical / Electronics / Mechatronics / Computer Science Engineering selected through a process described through any one of the following:-</p> <p>a) Scholars who are selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.</p> <p>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.</p> <p>For Project SRF Qualification prescribed for Project-JRF with two years of research experience. Desirable : Knowledge in Electronics hardware, programming in C, C++, hardware/system integration, PCB design.</p>	Up to 30.04.2020	28 Yrs for Project JRF 32 Yrs for Project SRF	₹31000/- for Project JRF ₹35000/- for Project SRF
11.	P-3811	GAP-228412	Project-JRF	01	<p>M.Sc. in Chemistry (Specialization: Inorganic/Physical)/ Physics (Specialization : Materials Science/Solid State Physics), Polymer Science with min. 55% marks or M.Tech. in Materials Science / Chemical Engineering / Rubber Technology / polymer Science and Technology selected through a process described through any one of the following:-</p> <p>a) Scholars who are selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) and GATE .</p> <p>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.</p> <p>Desirable : Proficiency in the field of Advanced Materials, Composite Materials, Nanoscience and Nanotechnology will be preferred.</p>	02 Years (Extendable)	28 Yrs.	₹31000/-
12.	P-3812	GAP-223912	Project-JRF	01	<p>M.Sc. in Chemistry (Specialization: Inorganic/Organic with min. 55% marks selected through a process described through any one of the following:-</p> <p>a) Scholars who are selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) and GATE .</p> <p>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.</p> <p>Desirable : Proficiency in Synthetic Chemistry.</p>	02 Years (Extendable)	28 Yrs.	₹31000/-
13.	P-3813	GAP-228312	Project-JRF	01	<p>M.Sc. in Chemistry/Physics with min. 55% marks or M.Tech. in Materials Science / Chemical Engineering selected through a process described through any one of the following:-</p> <p>a) Scholars who are selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) and GATE .</p> <p>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.</p> <p>Desirable : Proficiency in the field of Advanced Materials, Electrochemistry or Nanoscience and Nanotechnology will be preferred .</p>	02 Years (Extendable)	28 Yrs.	₹31000/-
14.	P-3814	GAP-222512	Project –SRF/JRF	01	<p>For Project JRF B.E./B.Tech/M.E./M.Tech in Computer Science and Engineering / Electronics and Telecommunication / Electrical Engineering / Information Technology selected through a process described through any one of the following:-</p> <p>a) Scholars who are selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.</p> <p>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.</p> <p>For Project SRF Qualification prescribed for Project-JRF with two years of research experience. Desirable : Background in IoT / Cyber Physical System / Embedded Computing.</p>	From 1 st March 2020 To 14 th June 2020 (Extendable)	28 Yrs for Project JRF 32 Yrs for Project SRF	₹31000/- for Project JRF ₹35000/- for Project SRF

Sl. No.	Post Code	Project No. / Sponsored Agency	Name of the Positions	No. of Positions	Educational Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
15.	P-3815	GAP-224712	Project-JRF	01	B.E./B.Tech/M.E./M.Tech in Mechanical / Thermal / Production Engg. / Metallurgical and Materials Engineering selected through a process described through any one of the following:- a) Scholars who are selected through National Eligibility Tests-CSIR-UGC 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 : Experience in working with Finite Element Modelling / Simulation of Manufacturing processes / CAD and Solid modeling / MATLAB, Fortran programming/metal casting/material characterization.	From 1 st April 2020 To 31 st July, 2020 (Extendable upto 2 years based on performance)	28 Yrs.	₹25000/- (Enhanced remuneration of ₹31000/- is subject to the clearance from the funding agency)
16.	P-3816	DST Sponsored Project	Project-JRF	01	B.E./B.Tech/M.E./M.Tech in Mechanical / Thermal / Production Engg. / Metallurgical and Materials Engineering selected through a process described through any one of the following:- a) Scholars who are selected through National Eligibility Tests-CSIR-UGC 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 : Experience in working with Finite Element Modelling / Computational Fluid Dynamics based Multi-Phase Flow Simulation/Simulation of Manufacturing processes/CAD and Solid modeling / Computer languages such as "C" or "Fortran" / Injection Moulding/Powder Metallurgy.	Tentative from 1 st April 2020 To 31 st July, 2020 (Extendable upto 2 years based on performance)	28 Yrs.	₹31000/- (Offer of engagement will be issued subject to receipt of the grant from the funding agency)
17.	P-3817	GAP-225612 (DHESTBT) Govt. of West Bengal sponsored project	Project – JRF	01	M.Sc. in Chemistry / Physics with minimum 55% marks. Desirable: Candidate with valid GATE / NET score will be preferred.	01 Year	# 30 Yrs.	₹16000/- plus M.A.*

* पश्चिम बंगाल, सरकार (डीएचईएसटीबीटी) के नियमों के तहत 300/- रुपये का चिकित्सा भत्ता की अनुमति दी जाएगी।

* M.A. (Medical Allowance) of Rs.300/- will be allowed as per rules of DHESTBT, Govt. of West Bengal.

Age limit 30 years for General Category and for SC/ST/OBC candidates as per rules of DHESTBT, Govt. of West Bengal.

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. 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 प्रशिक्षु परियोजना / परियोजना / सहायक फेलो अनुसंधान सहयोगी इत्यादि के रूप में / एसआरएफ / जेआरएफ / 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 पांच 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 / 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 / अन्य प / जनजाति/छाड़ा वर्ग और महिला उम्मीदवारों की आयु सीमा में छूट 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 rules.

योग्यता प्राप्त इच्छुक उम्मीदवार 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 / का प्रयोग सम्प्रेषण के माध्यम के रूप में किया जा सकता है। चयन प्रक्रिया देर शाम अगले दिन तक जारी रह सकती है /, 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 of it 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 सीएसआईआरसीएमईआरआई का निर्णय अंतिम और सभी संबंधितों के लिए - बाध्यकारी होगा। संस्थान द्वारा इस संबंध में कोई पत्राचार 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 की 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 of the selected candidates will be issued subject to availability of fund and approval of the Competent Authority. Tenure 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 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
I	P-3801(GAP-026712), P-3803(GAP-228912), P-3804(GAP-224712), P-3805(GAP-219112), P-3815(GAP-224712), P-3816	17 th February, 2020 (Monday)	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
II	P-3806(GAP-219112), P-3807(GAP-227612), P-3808(GAP-222812), P-3809(GAP-227712), P-3810(GAP-218012), P-3814(GAP-222512)			
III	P-3811(GAP-228412), P-3812(GAP-223912), P-3813(GAP-228312), P-3817(GAP-225612)	18 th February, 2020 (Tuesday)		
IV	P-3802(GAP-228912)			

Administrative Officer