



सी एस आई आर-केन्द्रीय यांत्रिक अभियांत्रिकी अनुसंधान संस्थान CSIR-CENTRAL MECHANICAL ENGINEERING RESEARCH INSTITUTE

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद/Council of Scientific & Industrial Research)

महात्मा गांधी एवेन्यू, दुर्गापुर - 713 209/Mahatma Gandhi Avenue, Durgapur - 713 209

Tel : 0343-2543142



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दिनांक /Date : 29.01.2019

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

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.**

A Walk-in-interview will be conducted at CSIR-CMERI, Durgapur at the above address during **7th – 8th February, 2019** to select candidates for engagement as **Project-SRF/JRF/Project Assistant Level-I/II/III** 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-3501	MLP-223512 / WP-I	Project Assistant, Level-II	01	B.E./B.Tech. in Mechanical / Production / Mechatronics Engg. with minimum 55% marks. Desirable: Preference will be given for the candidates having working experience in CAD/CAE package like inventor, Solid works, ADAMS and knowledge of development of Robotic system / Mechatronics system.	Up to 31 st March 2019 (Extendable)	30 Yrs.	₹25000/-
02.	P-3502	GAP-224112	Project-JRF	01	M.E./M.Tech. in Manufacturing Science and Engg/ Production / Manufacturing Technology / Production Technology / Industrial Engg./ CAD-CAM / Mechanical Engg. as specialization. OR B.E./B.Tech. in Mechanical/Manufacturing / Production / Industrial Engg. with GATE/NET score. Desirable: Knowledge of Laser Materials Processing, Finite Element Analysis and CNC Programming.	02 Years (Extendable upto 3 rd year with upgradation)	28 Yrs.	₹25000/-
03.	P-3503	MLP-218112	Project Assistant, Level-III	01	B.E./B.Tech. in Mechanical Engg. / Material Science with minimum 55% marks plus two years of relevant experience. Or M.E./M.Tech. in Mechanical Engg. / Material Science with minimum 55% marks. Desirable: Proficiency in development and characterization of composite material and minimum two SCI journals published on composite material.	Up to 31 st October 2019	35 Yrs.	₹28000/-
04.	P-3504	MLP-218112	Project Assistant, Level-II	01	B.E./B.Tech. in Mechanical Engg. with minimum 55% marks. Desirable: Proficiency in development and characterization of composite material.	Up to 31 st October 2019	30 Yrs.	₹25000/-
05.	P-3505	GAP-224312	Project Assistant, Level-I	01	Diploma in Mechanical Engg. with minimum 55% marks. Desirable: Preference will be given for the candidates having Hands-on experience on development of various small mechanical components, assembly / integration of electromechanical items and capability to understand manufacturing drawings.	Up to 29 th February 2020	28 Yrs.	₹15000/-
06.	P-3506	NWP-0100 (CSIR-JIGYASA)	Project Assistant, Level-I	02	Diploma in Electrical / Electronics Engg. with minimum 55% marks.	Up to 31 st March 2019	28 Yrs.	₹15000/-
07.	P-3507	MLP-223512 / WP-II	Project Assistant, Level-II	01	B.E./B.Tech. in Mechanical / Mechatronics Engg. with minimum 55% marks. Desirable: Good understanding in Mechanical Design / Dynamics / Mechanics/ Solid Mechanics / Numerical Methods, Proficiency in Computer Programming, Modeling using Solid Works / ADAMS, Knowledge of Matlab.	Up to 31 st March 2020	30 Yrs.	₹25000/-

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08.	P-3508	MLP-223512 / WP-II	Project Assistant Level-III	01	B.E./B.Tech. in Mechanical / Mechatronics Engg. with minimum 55% marks plus two years of relevant experience. Or M.E./M.Tech in Mechanical / Mechatronics Engg. with 55% marks. Desirable : Knowledge in Fundamentals of mechanical design, mechanism design and analysis, Proficiency of working in 3-D modeling and analysis software, Hydrodynamics, Numerical Methods, Proficiency in computer programming etc.	Up to 31 st March 2020	35 Yrs.	₹28000/-
09.	P-3509	GAP-211712	Project-SRF	01	B.E./B.Tech in Mechanical Engg. with GATE/NET score plus two years of research experience. Or M.E./M.Tech in Mechanical Engg. with two years of research experience.	Up to 31 st August, 2019	32 Yrs.	₹28000/-
10.	P-3510	MLP-223512 / WP-I	Project Assistant, Level-II	01	B.E./B.Tech. in Electronics / Electronics and Communication / Electronics and Instrumentation / Electrical / Computer Science and Engg. with minimum 55% marks. Desirable: Experience in micro controller, sensor and actuator related programming in VC++, MATLAB, raspberry pi and arduino controllers interfacing methods for robotic system.	Up to 31 st March 2019	30 Yrs.	₹25000/-
11.	P-3511	GAP-224312	Project Assistant, Level-II	01	B.E./B.Tech. in Electronics / Electronics & Communication /Electronics & Tele-communication Engg. with minimum 55% marks. Desirable : Preference will be given for the candidates having Hands-on experience in Micro-controller Programming & PCB design, Analog & Digital Electronics and design & Implementation of control system for robotic/unmanned systems using Pixhawk/Raspberry pi or equivalent SBC or similar development boards and technical report wringing.	Up to 29 th February 2020	30 Yrs.	₹25000/-
12.	P-3512	UGV-DRDO	Project Assistant, Level-II	01	B.E./B.Tech. in Electronics / Electronics & Communication /Electronics & Tele-communication Engg. with minimum 55% marks. Desirable : Preference will be given for the candidates having knowledge in Analog & Digital Electronics, Hands-on experience in Micro-controller Programming & PCB design, and design & Implementation of control system for robotic /unmanned systems using Pixhawk/Raspberry pi or equivalent SBC or similar development boards and technical report wringing.	03 Years	30 Yrs.	₹25000/-
13.	P-3513	MLP-223512 / WP-II	Project Assistant Level-III	02	B.E./B.Tech in Electrical/ Electronics & Communication Engg. / Computer Science & Engg. / Mechatronics with 55% marks and 02 years of relevant experience. Or M.E./M.Tech in Electrical/ Electronics & Communication Engg. / Computer Science & Engg. / Mechatronics with 55% marks. Desirable : Knowledge in Linear/Nonlinear Control System Design Methods, Working knowledge on Matlab/Simulink, Hands on experience with embedded boards/systems, Fundamentals of Communication, VLF/RF equipment, power system design and integration, application development in Windows/Linux, ROS etc.	Up to 31 st March 2020	35 Yrs.	₹28000/-
14.	P-3514	MLP-223512 / WP-II	Project Assistant Level-II	02	B.E./B.Tech in Electronics & Communication / Electrical Engg. / Computer Science & Engg. with 55% marks. Desirable : Knowledge in Electronic Hardware Design, Working Knowledge of Micro-Controller Programming, Hardware, Device Interfacing, power system design, C/C++/C#/Matlab Programming Data Structures & Algorithm Design, Numerical Methods, Socket Programming; Application development in Windows/Linux, ROS etc.	Up to 31 st March 2020	30 Yrs.	₹25000/-
15.	P-3515	GAP-219012	Project Assistant, Level-II OR Project Assistant, Level-III	02	For Project Assistant Level-II BE / B.Tech in Electrical / Electronics Engg. with minimum 55% marks. For Project Assistant Level-III BE / B.Tech in Electrical / Electronics Engg. with minimum 55% marks plus 2 years relevant experience. OR M.E./M.Tech in Electrical / Electronics / Mechatronics Engg. with minimum 55% marks. Desirable: Proficiency will be given to the candidate having knowledge in the area of Power Electronics, Design of power converters, conversant with simulation tools such as Matlab/Simulink, Ansys/Simpolrer, dSpace, etc.	Up to 30 th November 2020	30 Yrs For Project Asstt-II and 35 Yrs. for Project Asstt-III	For Project Assistant, Level-II ₹25000/- and Project Assistant, Level-III ₹28000/-

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.)
16.	P-3516	MLP-222612	Project Assistant, Level-II OR Project Assistant, Level-III	01	For Project Assistant Level-II BE / B.Tech in Electronics / Electronics & Instrumentation / Power Electronics Engg. with minimum 55% marks. For Project Assistant Level-III BE / B.Tech in Electronics / Electronics & Instrumentation/ Power Electronics Engg. with minimum 55% marks plus 2 years relevant experience. OR M.E./M.Tech in Electronics / Electronics & Instrumentation / Power Electronics/ Electrical Engg. with minimum 55% marks. Desirable: Knowledge in Micro Processor programming.	Up to 31 st March 2020	30 Yrs For Project Asstt-II and 35 Yrs. for Project Asstt-III	For Project Assistant, Level-II ₹25000/- and Project Assistant, Level-III ₹28000/-
17.	P-3517	GAP-222512	Project-JRF Or Project-SRF	01	For Project -JRF M.E./M.Tech in Computer Science and Engg. / IT / Electronics and Telecommunication/ Electronics & Communication Engg. OR B.E./B.Tech in Computer Science and Engg. / IT / Electronics and Telecommunication/ Electronics & Communication with GATE/NET score. For Project -SRF M.E./M.Tech in Computer Science and Engg. / IT / Electronics and Telecommunication / Electronics & Communication Engg. with two years of research experience. OR B.E./B.Tech in Computer Science and Engg. / IT / Electronics and Telecommunication/ Electronics & Communication Engg. with GATE/NET score plus two years of research experience. Desirable: Working knowledge in Cyber Security, Server and web space handling.	01 Year (Extendable)	28 Yrs For Project JRF and 32 Yrs. for Project SRF	For Project JRF ₹25000/- and Project SRF ₹28000/-
18.	P-3518	GAP-224312	Project Assistant, Level-II	01	B.E./B.Tech. in Computer Science and Engg. / IT with minimum 55% marks. Desirable : Preference will be given for the candidates having experience in Computer Vision/Image Processing, Programming, System Integration, use of third party dlls and Drivers, Knowledge & experience on Micro-controller Programming and Technical Report writing.	Up to 29 th February 2020	30 Yrs.	₹25000/-
19.	P-3519	MLP-218112	Project Assistant, Level-II	01	B.E./B.Tech. in Computer Science and Engg. / IT with minimum 55% marks.	Up to 31 st March 2019 (Extendable)	30 Yrs.	₹25000/-
20.	P-3520	GAP-214312	Project -SRF	01	M.Sc. in Inorganic Chemistry with GATE / NET Score plus two years of research experience. Or B.E./B.Tech. in Chemical Engg. with GATE/NET Score plus two years of research experience.	Up to 30 th November 2019	32 Yrs.	₹28000/-
21.	P-3521	GAP-224212	Project-SRF	01	M.Sc. in Chemistry / Biochemistry / Bio-Technology / Microbiology with GATE / NET Score plus two years of research experience. Desirable: Working knowledge in electrochemistry, nanotechnology.	01 Year (Extendable)	32 Yrs.	₹28000/-
22.	P-3522	MLP-224412	Project Assistant, Level-II OR Project Assistant, Level-III	02	For Project Assistant Level-II M.Sc. in Chemistry / Materials Science with minimum 55% marks. Or B.E./B.Tech. in Chemical Engg. with minimum 55% marks. For Project Assistant Level-III M.Sc. in Chemistry/ Materials Science with minimum 55% marks plus 2 years of relevant experience. Or BE / B.Tech in Chemical Engg. with minimum 55% marks plus 2 years relevant experience. OR M.E./M.Tech in Chemical Engg. with minimum 55% marks.	Up to 31 st March 2019	30 Yrs For Project Asstt-II and 35 Yrs. for Project Asstt-III	For Project Assistant, Level-II ₹25000/- and Project Assistant, Level-III ₹28000/-
23.	P-3523	GAP-223912	Project-JRF	01	M.Sc. in Chemistry (specialization : Inorganic/Organic) with NET/GATE Score. Desirable: Proficiency in Synthetic Chemistry (Inorganic/Organic).	02 Years (Extendable)	28 Years	₹25000/-

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.)
24.	P-3524	SERB-DST	Project-JRF	01	M.Sc. in Chemistry (specialization: Inorganic / Physical) / Physics (specialization : Materials Science / Solid State Physics) with NET/GATE Score. Or B.E./B.Tech. in Materials Science / Chemical Engg. with NET/GATE Score. Or M.E./M.Tech. in Materials Science / Chemical Engg. Desirable: Proficiency in the field of Advanced Materials, Electrochemistry or Nanoscience and Nanotechnology will be preferred.	02 Years (Extendable to 3 rd Year with upgradation)	28 Years	₹25000/-
25.	P-3525	SERB-DST Sponsored Project	Project-JRF	01	B.E./B.Tech. in Materials Science / Mechanical Engg. with GATE/NET Score. Or M.E./M.Tech. in Materials Science / Mechanical Engg. Desirable: Proficiency in development and characterization of composite material.	01 Year	28 Yrs.	₹25000/-
26.	P-3526	SSP-223812	Project Assistant Level-III	01	M.E. / M.Tech. in Mechanical / Production Engg. with minimum 55% marks. Or B.E. / B.Tech. in Mechanical / Production Engg. with minimum 55% marks plus 2 years relevant experience. Desirable : Candidates having first class in preceding degree and knowledge in Scientific and Technical report writing related to Manufacturing, Metrology, Engineering Design, Plotting and programming in Matlab, Data Analysis, Project Scheduling Activities, PERT/CPM etc. will be given preference.	02 Years	35 Yrs.	₹28000/-
27.	P-3527	GAP-221512	Project-JRF	01	M.Sc. in Chemistry with NET/GATE Score. Or B.E./B.Tech. in Chemical Engg. with NET/GATE Score. Or M.E./M.Tech. in Chemical Engg.	Up to 29 th February, 2020	28 Years	₹25000/-

Actual number of positions may vary on the date of the Walk-In-Interview.

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.

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.

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. **The Selection process may continue till late evening/next day, Candidates are advised to come prepared accordingly.**

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.

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 Organization/Labs/Instts., should produce the NOC from his/her existing Project Leader/Competent Authority, failing which, they will not be allowed to appear in the interview.

Schedule of Walk-in-interview

Sl. No.	Post Code with Project No./ Sponsored Agency	Date of Walk-in-Interview	Reporting Time
I	P-3501(MLP-223512/WP-I), P-3502(GAP-224112), P-3503(MLP-218112), P-3504(MLP-218112), P-3506(NWP-0100), P-3507(MLP-223512), P-3508(MLP-223512), P-3509(GAP-211712), P-3517(GAP-222512), P-3518(GAP-224312), P-3519(MLP-218112), P-3525(SERB-DST), P-3526(SSP-223812),	7 th February, 2019 (Thursday)	09:30 AM to 10:30 AM
II	P-3505(GAP-224312), P-3510(MLP-223512/WP-I), P-3511(GAP-224312), P-3512(DRDO), P-3513(MLP-223512/WP-II), P-3514(MLP-223512/WP-II), P-3515(GAP-219012), P-3516(MLP-222612), P-3520(GAP-213412), P-3521(GAP-224212), P-3522(MLP-224412), P-3523(GAP-223912), P-3524(SERB-DST) & P-3527(GAP-221512)	8 th February, 2019 (Friday)	

Administrative Officer