सं./No. 4/18/2019-Rct   *__Advertisement No. 02/2019__*   दिनांक/Date : 13.06.2019

[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 **25th – 26th June, 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-3601	GAP-213212	Project-JRF	01	**B.E./B.Tech. in Mechanical / Production / Manufacturing Engineering with GATE/NET score.** OR **M.E./M.Tech in Machine Design/Manufacturing Engineering** Desirable: Preference will be given for the candidates having working experience in 3D modelling software (preferably CATIA) and AutoCAD.	Up to 31st August 2019	28 Yrs.	₹25000/-
02.	P-3602	GAP-224612	Field Assistant (Project)	01	**B.E./B.Tech in Mechanical Engineering with minimum one year of experience**	Up to December 2020	28 Yrs.	₹22000/-
03.	P-3603	MLP-216212	Project Assistant, Level-I	03	**Diploma in Mechanical Engineering with minimum 55% marks**	Up to March 2020	28 Yrs.	₹15000/-
04.	P-3604	GAP-225912	Project Assistant, Level-II	01	**B.E./B.Tech in Mechanical/Mechatronics with minimum 55% marks.** Desirable: Knowledge in CAD, Finite Element Analysis Softwares, Matlab/Simulink/Multi-body analysis tools.	6 months (Extendable)	30 Yrs.	₹25000/-
05.	P-3605	GAP-225812	Project JRF	01	**B.E./B.Tech in Mechanical Engineering with GATE/NET Score** OR **M.E./M.Tech in Mechanical Engineering with GATE/NET Score** Desirable: Knowledge in Material Science/Mechanical behavior of materials/Tribology.	02 Years (Extendable)	28 Yrs.	₹31000/-
06.	P-3606	GAP-225512	Project Assistant, Level-II	01	**B.E./B.Tech in Mechanical/Mechatronics with minimum 55% marks.** Desirable: Knowledge in Matlab/Simulink programming/ Kinematic and Dynamic analysis of Multi-body systems.	One Year (Extendable)	30 Yrs.	₹25000/-
07.	P-3607	GAP-211712	Project JRF OR Project SRF	01	**For Project JRF** **B.E./B.Tech in Mechanical Engineering with GATE/NET Score** OR **M.E./M.Tech in Mechanical Engineering** **For Project SRF** **B.E./B.Tech in Mechanical Engineering with GATE/NET Score and minimum Two Years research experience in relevant field** OR **M.E./M.Tech in Mechanical Engineering with minimum Two Years research experience in relevant field.**	Up to August, 2019	28 Yrs for Project JRF 32 Yrs for Project SRF	₹25000/- for Project JRF ₹28000/- for Project SRF
08	P-3608	GAP-225412	Project Assistant Level-II	01	**B.E./B.Tech. in Mechanical Engineering with minimum 55% marks** Desirable : Knowledge of Theoretical Mechanical Design & Analysis.Working Knowledge of latest 3D Modelling and Analysis tools. Basic knowledge of Manufacturing processes. Technical Report writing.	02 Years (Extendable)	30 Yrs.	₹25000/-

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09.	P-3609	GAP-224312	Project Assistant Level-I	01	**Diploma in Mechanical Engineering with minimum 55% marks** Desirable : Hands on experience on development of various small mechanical components, assembly/integration of electro mechanical items. Capability to understand manufacturing drawings.	Up to February, 29, 2020	28 Yrs.	₹15000/-
10	P-3610	MLP-224812	Project Assistant Level-I	01	**Diploma in Mechanical Engineering with minimum 55% marks** Desirable : Experience in Solid modelling and drafting using CAD software.	04 months (Extendable up to 01 Year)	28 Yrs.	₹15000/-
11	P-3611	MLP-224812	Project Assistant Level-III	01	**B.E./B.Tech in Mechanical Engineering with minimum 55% marks and Two Years Experience** **OR** **M.E./M.Tech in Mechanical Engineering with minimum 55% marks.**	04 months (Extendable up to 01 Year)	35 Yrs.	₹28000/-
12	P-3612	MLP-222612	Project Assistant, Level-II OR Project Assistant Level III	01	**For Project Assistant Level II** **B.E./B.Tech in Mechanical Engineering with minimum 55% marks** **For Project Assistant Level III** **B.E./B.Tech in Mechanical Engineering with minimum 55% marks and Two Years Experience** **OR** **M.E./M.Tech in Mechanical Engineering with minimum 55% marks** Desirable: Knowledge in Stress Analysis	Up to 31.03.2020	30 Yrs. For Project Assistant Level-II 35 Yrs. For Project Assistant Level-III	₹25000/- for Project Assistant Level II ₹28000/- for Project Assistant Level III
13	P-3613	GAP-219012	Project Assistant, Level-II OR Project Assistant Level III	01	**For Project Assistant Level II** **B.E./B.Tech in Electrical/Electronics Engineering with minimum 55% marks** **For Project Assistant Level III** **B.E./B.Tech in Electrical/Electronics Engineering with minimum 55% marks and Two Years Experience** **OR** **M.E./M.Tech in Electrical / Electronics Engineering with minimum 55% marks** Desirable: Knowledge in power electronics, design of power converters, conversant with simulation tools such as Matlab/Simulink, Ansys/Simplorer, dSpace, etc.	Up to 30.11.2020	30 Yrs. For Project Assistant Level-II 35 Yrs. For Project Assistant Level-III	₹25000/- for Project Assistant Level II ₹28000/- for Project Assistant Level III
14	P-3614	GAP-224312	Project Assistant, Level-II	01	**B.E./B.Tech in Electronics/Electronics & Communication Engineering/Electronics & Telecommunication Engineering with minimum 55% marks** Desirable: Hands-on experience in Micro-Controller Programming & PCB design. Knowledge in Analog & Digital Electronics. Hands-on experience on design & implementation of control system for robotic/unmanned systems using various miniaturized developmental boards or equivalent SBC. Technical Report writing.	Up to February,29, 2020	30 Yrs.	₹25000/-
15	P-3615	MLP-223512	Project Assistant, Level-II OR Project Assistant Level III	02	**For Project Assistant Level-II** **B.E./B.Tech in Electrical/ Electronics & Communication Engineeing/Computer Science & Engineering/ Mechatronics with 55% marks** **For Project Assistant Level-III** **B.E./B.Tech in Electrical/ Electronics & Communication Engineeing/Computer Science & Engineering with 55% marks and Two Years relevant experience.** **OR** **M.E./M.Tech in Electrical / Electronics & Communication Engineeing/Computer Science & Engineering/ Mechatronics with 55% marks.** Desirable : Knowledge in Linear/Nonlinear Control System Design Methods, Working knowledge on Matlab/Simuilink. Fundamentals of DSP, Working Knowledge of Micro-Controllers, C/C++ Programming, Power system design and integration, Sensor Integration, Application development in Windows/Linux etc.	Up to 31st March 2020	30 Yrs. For Project Assistant Level-II 35 Yrs. For Project Assistant Level-III	₹25000/- for Project Assistant Level II ₹28000/- for Project Assistant Level III
16	P-3616	MLP-223512	Project Assistant Level-II	01	**B.E./B.Tech in Electrical/ Electronics & Communication Engineering /Computer Science & Engineering with 55% marks** Desirable : Electronic Hardware Design, Hardware/Device Interfacing, Power system design, Knowledge in C/C++/C# Programming, Data Structures & Algorithm Design, Numerical Methods, Socket Programming. Application development in Windows/Linux.	Up to 31st March 2020	30 Yrs.	₹25000/-

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17	P-3617	MLP-225012	Project Assistant, Level-II OR Project Assistant, Level-III	02 (As per requirement Project Assistants may need to work at Ludhiana also)	**For Project Assistant Level-II** **B.E./B.Tech in Computer Science / Electronics / Communication / Instrumentation / Information Technology with minimum 55% marks.** **Or** **M.Sc. in Agriculture with specialization in Agronomy with minimum 55% marks in both B.Sc. & M.Sc.** **For Project Assistant Level-III** **B.E./B.Tech in Computer Science/ Electronics /Communication / Instrumentation / Information Technology with minimum 55% marks and Two Years relevant experience** **OR** **M.E./M.Tech in Computer Science / Electronics /Communication / Instrumentation / Information Technology with minimum 55% marks** Desirable: 1. Hands-on knowledge of Cloud Computing, IoT, Data Analytics, Image Processing and Web Development, 2. Programming Knowledge in C/C++/Python /R/PHP/SQL/Open CV and data-analytics application development. 3. Conducting Field experiments, data collection and demonstration experience in field and cash crops.	Up to 31st March 2020	30 Yrs. For Project Assistant Level-II 35 Yrs. For Project Assistant Level-III	₹25000/- for Project Assistant Level II ₹28000/- for Project Assistant Level III
18	P-3618	GAP-226012	Project JRF	01	**For Project –JRF** **B.E./B.Tech in Computer Science and Engg./ Electronics and Communication / Instrumentation / Information Technology with GATE/NET Score** **OR** **M.E./M.Tech in Computer Science and Engg./ Electronics and Communication / Instrumentation / Information Technology** Desirable: Knowledge in GIS, Instrumentation, Internet of Things, Web and Mobile Programming, Sensor development, Data Analytics etc.	Up to 30.04.2022 Or Co-Terminus with the project, whichever is earlier	28 Yrs.	₹25000/-
19	P-3619	GAP-225412	Project Assistant, Level-II	01	**B.E./B.Tech in Computer Science and Engg./ Information Technology with minimum 55% marks.** Desirable : Knowledge of Single Board Computer & Linux. Specialization/experience in Sensor data processing & Data Fusion. Development of GUI & System Interfacing. Technical Report Writing.	02 Years (Extendable)	30 Yrs.	₹25000/-
20	P-3620	GAP-224312	Project Assistant, Level-II	01	**B.E./B.Tech in Computer Science and Engg./ Information Technology with minimum 55% marks.** Desirable : Specialization/Experience in Computer Vision/ Image Processing. Programming, System Integration, use of third party dlls and Drivers. Knowledge & experience on Micro-controller Programming. Technical Report Writing.	Up to February, 29, 2020	30 Yrs.	₹25000/-
21	P-3621	GAP-226512	Project-JRF	01	**B.E./B.Tech in Electrical Engineering with GATE/NET Score** **OR** **M.E./M.Tech in Electrical Engineering with GATE/NET Score** Desirable : Knowledge in power electronics and machine drives, power converters design, conversant with simulation tools such as Matlab/Simulink, etc.	08 Months	28 Yrs.	₹31000/-
22	P-3622	GAP-225612	Project –JRF	01	**M.Sc. in Chemistry** Desirable: Candidate with valid GATE/NET score will be preferred.	02 Years	28Yrs.	₹16300/-
23	P-3623	GAP-221112	Project-JRF	01	**B.E./B.Tech in Chemical Engineering with GATE Score** **OR** **M.E./M.Tech in Chemical Engineering** **OR** **M.Sc. in Chemistry with GATE/NET Score** Desirable: Knowledge in energy storage materials and battery characterization.	01 Year (Extendable up to 2 Years)	28 Yrs.	₹25000/-
24	P-3624	GAP-224212	Project-SRF	01	**M.Sc. in Chemistry / Biochemistry / Biotechnology / Microbiology with Two Years of research experience in allied disciplines and GATE/NET Score** **OR** **M.Tech in Material Science/Biomedical Engineering** Desirable: Knowledge in electrochemisty, nanotechnology.	01 Year (Extendable)	32 Yrs.	₹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.)
25	P-3625	MLP-216212	Project Assistant Level-I	01	**B.Sc. in Chemistry/Biochemistry/Physics with minimum 55% marks.**	Up to March, 2020	28 Yrs.	₹15000/-
26	P-3626	NWP-100 (JIGYASA)	Project Assistant Level-I	02	**Diploma in Electrical / Electronics Engg. with minimum 55% marks.**	03 Months (Extendable)	28 Years	₹15000/-
27	P-3627	NWP-100 (JIGYASA)	Project Assistant Level-I	01	**Diploma in Mechanical Engg. with minimum 55% marks.**	03 Months (Extendable)	28 Years	₹15000/-
28	P-3628	GAP-225712	Project-JRF	01	**BE/B.Tech in Mechanical Engg. with GATE/NET score.** **Or** **M.E./M.Tech. in Mechanical Engg.** Desirable: Experience in Solid modeling and drawing preparation of mechanical systems with knowledge in Automobile and Gear design.	Up to 31st March, 2020 (Extendable)	28 Years	₹25000/-
29	P-3629	GAP-223912	Project-JRF	01	**M.Sc. in Chemistry (Inorganic / Organic) specialization with minimum 55% marks and NET/GATE Score.** Desirable: Sound knowledge in Syntetic Chemistry.	02 Years (Extendable)	28 Years	₹25000/-

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.

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 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.

Schedule of Walk-in-interview

Sl. No.	Post Code with Project No.	Date of Walk-in-Interview	Reporting Time
I	P-3601(GAP-213212), P-3602(GAP-224612), P-3604(GAP-225912), P-3605(GAP-225812), P-3606(GAP-225512), P-3607(GAP-211712), P-3608(GAP-225412), P-3611(MLP-224812), P-3612(MLP-222612), P-3622(GAP-225612), P-3623(GAP-221112), P-3624(GAP-224212), P-3625(MLP-216212), P-3626(NWP-100), P-3628(GAP-225712), P-3629(GAP-223912)	25th June, 2019 (Tuesday)	09:30 AM to 11:00 AM
II	P-3603(MLP-216212), P-3609(GAP-224312), P-3610(MLP-224812), P-3613(GAP-219012), P-3614(GAP-224312), P-3615(MLP-223512), P-3616(MLP-223512), P-3617(MLP-225012), P-3618(GAP-226012), P-3619(GAP-225412), P-3620(GAP-224312), P-3621(GAP-226512), P-3627 (NWP-100)	26th June, 2019 (Wednesday)	

Administrative Officer