



# 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

## Advertisement No. 03/2013

### [WALK-IN-INTERVIEW FOR SENIOR PROJECT FELLOW/PROJECT-SRF/PROJECT FELLOW/PROJECT-JRF]

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 Institute has started a two year Post Graduate Research Programme in Engineering under the auspices of AcSIR. The Institute is also offering two year Post-Graduate degree in Mechatronics in collaboration with Bengal Engineering and Science University, Sibpur and other CSIR Institutes. The present priority areas of research of the institute are: **Robotics & Mechatronics, Microsystem Technology, Rapid Prototyping & Modeling, Clean Energy, Farm Machineries, Residual Life Enhancement, Advanced Mechanical Design, Manufacturing, Simulation & Modeling and Chemistry & Biomimetics.**

A Walk-in-interview will be conducted in the Committee Room of CSIR-CMERI, Durgapur at the above address on **22<sup>nd</sup> – 23<sup>rd</sup> April, 2013** to select candidates for engagement as **Senior Project Fellow/Project-SRF/Project Fellow/Project-JRF** under various projects. The vacancy position may vary either way even across the disciplines and projects.

Sl. No	Post Code	Project No.	Positions	No. of Positions	Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
1.	P-1401	GAP201712	Project JRF	01	<b>B.E. / B.Tech in Mechanical / Production /Manufacturing Engg. with valid GATE score.</b> Desirable : Working experience in Micro machining, Machine Design and/or Precision metrology will be preferred.	03 (Three) Yrs	28 Yrs.	₹16000/-
2.	P-1402	GAP201712	Project JRF Or Project SRF	01	<b>For Project Junior Research Fellow :</b> <b>B.E. / B.Tech in Mechanical / Production /Manufacturing Engg. with valid GATE score.</b> <b>OR</b> <b>For Project Senior Research Fellow :</b> <b>M.E./M.Tech. in Manufacturing/ Mechanics /Mechatronics/Machine Design with at least 60% marks.</b> <b>Or</b> <b>B.E./B.Tech in Mechanical / Production / Manufacturing Engg. with at least 60% marks and 2 years of relevant experience and GATE qualified.</b> Desirable : Working experience in Micro machining, Machine Design and/ Precision metrology is preferred.	03 (Three) Yrs	28 Yrs. for Project JRF or 32 Yrs. for Project SRF	Project JRF ₹16000/- or Project SRF ₹18000/-
3.	P-1403	ESC0203/10	Project Fellow	01	<b>B.E. / B.Tech in Mechanical / Mechatronics Engg. with valid GATE score.</b> Desirable : Experience in CAD/CAE package like Solid works, inventor, ADAMS and knowledge of micro robotics system/ Mechatronics System.	02 (Two) Yrs. (Extendable)	28 Yrs.	₹16000/-
4.	P-1404	GAP152612	Senior Project Fellow	01	<b>M.E. / M.Tech. in Mechanical Engg. with at least 60% marks.</b> <b>Or</b> <b>B.E./B.Tech in Mechanical Engg. with at least 60% marks and 2 years experience on design and analysis of mechanical systems.</b> Desirable : Knowledge of Robotics, Design & analysis of Mechanical /Electronics Systems, Technical Report Writing and Hands on experience.	02 (Two) Yrs. (Extendable)	32 Yrs.	₹18000/-
5.	P-1405	GAP152612	Project Fellow	02	<b>B.E./B.Tech in Electronics / Electronics &amp; Communication / Information Technology / Computer Science and Engineering with valid GATE score.</b> Desirable : Knowledge of Robotics, Design & analysis of Mechanical /Electronics Systems, Technical Report Writing and Hands on experience.	02 (Two) Yrs. (Extendable)	28 Yrs.	₹16000/-
6.	P-1406	ESC0203/5	Project Fellow or Senior Project Fellow	02	<b>For Project Fellow :</b> <b>B.E./B.Tech in Electrical/ Electronics/ Electronics &amp; Communication Engg. with valid GATE score.</b> Desirable : Having proficiency in Lab View & MATLAB and hardware integration will be preferred. <b>OR</b> <b>For Senior Project Fellow :</b> <b>M.E. / M.Tech. in Electrical/ Electronics/ Electronics &amp; Communication Engg. with at least 60% marks.</b> <b>Or</b> <b>B.E./B.Tech in Electrical/ Electronics/ Electronics &amp; Communication Engg. with at least 60% marks and 2 years of research experience.</b> Desirable : Having proficiency in Lab View & MATLAB and hardware integration will be preferred.	02 (Two) Yrs. (Extendable)	28 Yrs. for Project Fellow or 32 Yrs. for Sr. Project Fellow	Project Fellow ₹16000/- or Sr. Project Fellow ₹18000/-

Sl. No	Post Code	Project No.	Positions	No. of Positions	Qualification	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
7.	P-1407	ESC0203/4	Project Fellow	01	<b>B.E./B.Tech in Electronics / Electrical / Instrumentation Engg. with valid GATE score.</b> Desirable : Knowledge of Programming in C/C++/MATLAB. Undergraduate level project on sensor data acquisition and analysis.	02 (Two) Yrs. (Extendable)	28 Yrs.	₹16000/-
8.	P-1408	ESC0203/7	Project Fellow	01	<b>B.E./B.Tech in Electrical / Electronics /Instrumentation/Chemical with valid GATE score.</b> Desirable : Sensor Instrumentation, Undergraduate level project on MEMS, Sensor Instrumentation.	02 (Two) Yrs. (Extendable)	28 Yrs.	₹16000/-
9.	P-1409	NWP-056(I)	Project Fellow	01	<b>M.Sc. in Chemistry with minimum 55% marks and valid GATE/NET score.</b>	03 (Three) Yrs (Extendable)	28 Yrs.	₹16000/-
10.	P-1410	GAP201812	Project Fellow	01	<b>M.Sc. in Chemistry or Environmental Science with minimum 55% marks and valid GATE/NET score.</b> <b>Or</b> <b>B.E. / B.Tech in Chemical Engineering or Environmental Engineering with valid GATE score.</b>	02 (Two) Yrs (Extendable)	28 Yrs.	₹16000/-
11.	P-1411	PCRA	Project Fellow	01	<b>M.Sc. in Chemistry or Environmental Science with minimum 55% marks and valid GATE/NET score.</b> <b>Or</b> <b>B.E. / B.Tech in Chemical Engineering or Environmental Engineering with valid GATE score.</b>	02 (Two) Yrs (Extendable)	28 Yrs.	₹16000/-
12.	P-1412	ESC0203/6	Project Fellow	01	<b>M.Sc. in Chemistry /Materials Science with minimum 55% marks and valid GATE/NET score.</b> <b>Or</b> <b>B.E. / B.Tech in Chemical Engineering with valid GATE score.</b>	02 (Two) Yrs. (Extendable)	28 Yrs.	₹16000/-
13.	P-1413	GAP101612	Project JRF	01	<b>M.Sc. in Chemistry/Bio-Chemistry/ Microbiology with minimum 55% marks and valid GATE/NET score.</b> Desirable : Working knowledge in Nanomaterials fabrication and characterization, Magnetic material and spectroscopic instrument handling and report writing.	02 (Two) Yrs	28 Yrs.	₹16000/-
14.	P-1414	GAP004712	Project Fellow	01	<b>M.Sc. in Chemical /Physical /Materials Science with minimum 55% marks and valid GATE/NET score.</b> <b>Or</b> <b>B.E. / B.Tech in Materials Science/Chemical Engineering with valid GATE score.</b>	02 (Two) Yrs. (Extendable)	28 Yrs.	₹16000/-

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 an 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. Eligible outstation candidates will be paid to and fro 2<sup>nd</sup> Class Rail / Bus fare for attending the interview as per rules.

#### **Schedule of Interview for Senior Project Fellow/Project-SRF/Project Fellow/Project-JRF**

Sl. No.	Post Code Nos. & Project No.	Date of Interview	Reporting Time
I	P-1401 (GAP201712), P-1402 (GAP201712), P-1403 (ESC0203/10), P-1404 (GAP152612), P-1409 [NWP-056(I)], P-1410 (GAP201812), P-1411(PCRA), P-1412 (ESC0203/6), P-1413 (GAP101612) & P-1414 (GAP004712)	22 <sup>nd</sup> April, 2013 (Monday)	09:00 AM to 10:30 AM
II	P-1405 (GAP152612), P-1406 (ESC0203/5), P-1407 (ESC0203/4) & P-1408 (ESC0203/7)	23 <sup>rd</sup> April, 2013 (Tuesday)	

**Administrative Officer**