



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)

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प्रोजेक्ट असिस्टेंट / प्रोजेक्ट एसोसिएट / प्रोजेक्ट-जेआरएफ / प्रोजेक्ट-एसआरएफ / सीनियर - प्रोजेक्ट एसोसिएट / प्रिंसिपल - प्रोजेक्ट एसोसिएट / प्रोजेक्ट रिसर्च साइंटिस्ट / प्रोजेक्ट साइंटिस्ट के अस्थायी पदों पर नियुक्ति हेतु आवेदन // CALL FOR ENGAGEMENT IN THE TEMPORARY POSITIONS OF PROJECT ASSISTANT / PROJECT ASSOCIATE / PROJECT - JRF / PROJECT - SRF/ SENIOR - PROJECT ASSOCIATE/ PRINCIPAL - PROJECT ASSOCIATE / PROJECT RESEARCH SCIENTIST/ PROJECT SCIENTIST

वर्ष 1958 में स्थापित सी एस आई आर - 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। संस्थान 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 में बुद्धिमान स्वायत्त प्रणालियाँ और रोबोटिक्स, सतत और डिजिटल विनिर्माण, स्मार्ट कृषि मशीनें और प्रौद्योगिकियाँ, इलेक्ट्रिक मोबिलिटी और स्वच्छ ऊर्जा, वायुजनित प्रणालियाँ और प्रौद्योगिकियाँ, औद्योगिक सेवाएँ और अनुसंधान, और कौशल विकास शामिल हैं।

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 **Intelligent Autonomous Systems and Robotics, Sustainable & Digital Manufacturing, Smart Farm Machines & Technologies, Electric Mobility & Clean Energy, Airborne Systems & Technologies, Industrial Services & Research, and Skill Development.**

यह कॉल उन युवा और प्रेरित उम्मीदवारों के लिए एक उत्कृष्ट अवसर है जो आगे बढ़ना चाहते हैं, करियर की संभावनाएं तलाश रहे हैं और अपने भविष्य के करियर की दिशा में अगला कदम उठा रहे हैं। चयनित उम्मीदवारों को व्यावहारिक प्रशिक्षण/एक्सपोजर और अनुभवी टीम के सदस्यों के साथ मिलकर काम करने का अवसर मिलेगा, जिससे उन्हें नई दक्षताओं को विकसित करने और अपने पेशेवर कौशल को मजबूत करने के साथ-साथ अपने शैक्षणिक ज्ञान को वास्तविक दुनिया के वातावरण में लागू करने की अनुमति मिलेगी।

This call is an excellent opportunity for young and motivated candidates looking to grow, explore career possibilities, and take the next step toward their future careers. The selected candidates will have the opportunity of hands-on training/exposure and to work closely with experienced team members, allowing them to apply their academic knowledge in a real-world environment while developing new competencies and strengthening their professional skills.

A walk-in-interview will be conducted at CSIR-CMERI, Durgapur during **16th & 17th March 2026** against the post codes mentioned in **Table-I** to select candidates for engagement at various positions of project personnel under various projects. The interested candidates may appear at the walk-in-interview 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 scheduled date and time of the walk-in-interview** as mentioned in **Table-II**. The selections will be based on the performance and overall assessment of the candidates by the selection committee and the result of the interview will be published in the institute's website (or, may also be communicated via email).

Table-I: Details of Post Codes

Sl. No.	Post Code	Project Number	Position	Number of Position	Qualification & Experience	Project Tenure	Age limit (in Years)	Consolidated Remuneration per month
1	P - 2609	GAP 243512	Project Assistant - II	01	B.Sc. in Chemistry / Physics. Desirable: Background knowledge on carbonaceous materials.	Up to 30/06/2026	35	Rs.20,000/- with Increment of 15% after 3 years of experience in the same project
2	P - 2610	TSP-1562	Project Assistant - II	03	3 years Diploma in Engineering or Technology in Agricultural / Mechanical Engineering Desirable: Having knowledge in testing of different types of agricultural machinery, plant protection equipment etc. will be preferable.	Up to 31/03/2027 (Extendable upto 30/10/2027)	35	Rs.20,000/- with Increment of 15% after 3 years of experience in the same project
3	P - 2611	GAP 243612	Project Assistant - II	01	3 years Diploma in Engineering or Technology in Mechanical Engineering Desirable: - Hands-on experience on development, assembly and integration of various small mechanical, electronic, electrical components of vehicle/ mechanical systems - Capability to develop manufacturing drawings using Auto CAD software and mechanical system integration - Field data survey & collection	Up to 07/07/2026	35	Rs.20,000/- with Increment of 15% after 3 years of experience in the same project
4	P - 2612	MMP 065202	Project Assistant - II	01	3 years Diploma in Engineering or Technology in Mechanical Engineering Desirable: Hands-on experience on CNC machines, Proficiency in CAD modelling, UTM Machine operating knowledge.	Upto 31/03/2028	35	Rs.20,000/- with Increment of 15% after 3 years of experience in the same project
5	P - 2613	MMP 045201/03	Project Assistant - II	01	3 years Diploma in Engineering or Technology in Electrical Engineering or Electrical & Electronics Engineering Desirable: Experience in Electrical Vehicle prototype development, PLC and Instruments, tractor testing, data collections.	Upto March 2028	35	Rs. 20000/- with Increment of 15% after 3 years of experience in the same project
6	P - 2614	CNP -1018	Project Assistant - II	01	3 years Diploma in Engineering or Technology in Mechanical Engineering	3 Months	35	Rs.20,000/- with Increment of 15% after 3 years of experience in the same project
7	** P - 2615	RDSF Fund	Project Assistant-II	01	3 years Diploma in Engineering / Technology in Mechanical Engineering. Desirable: Hands-on experience on mechanical system integration. Capability of development of manufacturing drawings and 3D modeling using CAD software.	12 Months	35	Rs.20,000/- with Increment of 15% after 3 years of experience in the same project

8	P - 2616 GAP 243512	Project Associate - I	01	<p>Masters / Integrated Masters in Chemistry / Physics from a recognized University.</p> <p>Desirable: Background knowledge of energy materials and carbonaceous materials.</p>	Up to 30/06/2026	35	<p>i) Rs. 31,000/- for those candidates who have qualified CSIR-UGC / ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT / DST or equivalent and/or their Agencies/Institutions.</p> <p>ii) Rs. 25,000/- for others who do not fall under (i) above.</p>
9	P - 2617 MMP 015202/1/6	Project Associate - I	01	<p>Bachelor's degree in Engineering or Technology in Mechanical Engineering from a recognized university or equivalent</p> <p>Desirable: Knowledge on CAD, MATLAB/Python, analysis using numerical simulations</p>	Up to 31/03/2027	35	Rs. 25000/-
10	P - 2618 GAP 243612	Project Associate - I	01	<p>Bachelor's degree in Engineering or Technology in Electronics / Electronics & Communication / Electrical and Electronics / Electrical / Computer Science from a recognized university or equivalent</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Knowledge in Signal Processing, Analog & Digital Electronics • Handling of SBC interface and motor control device and communication using arduino/Raspberry Pi micro controller • Knowledge of algorithms development and implementation real-time project • Proficiency in Python, Matlab, C++ Programming, HTML • Development of interface with different sensors/ instruments and system Integration, use of third party DLLs and other drivers etc. • Field data survey & collection • Technical Report writing 	Up to 07/07/2026	35	<p>i) Rs. 31,000/- for those candidates who have qualified CSIR-UGC / ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT / DST or equivalent and/or their Agencies/Institutions.</p> <p>ii) Rs. 25,000/- for others who do not fall under (i) above.</p>
11	P - 2619 MMP 065202	Project Associate - I	01	<p>Bachelor's degree in Engineering or Technology in Mechanical Engineering from a recognized University or equivalent.</p> <p>Desirable: Knowledge of different manufacturing processes and experience of generating manufacturing drawings with appropriate GD&T using Autodesk AutoCAD and Siemens NX.</p>	Up to 31/03/2028	35	<p>i) Rs. 31,000/- for those candidates who have qualified CSIR-UGC / ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT / DST or equivalent and/or their Agencies/Institutions.</p> <p>ii) Rs. 25,000/- for others who do not fall under (i) above.</p>
12	P - 2620 MMP 015202/2/3	Project Associate - I	01	<p>Bachelor's degree in Engineering or Technology in Mechanical / Aerospace / Aeronautical / Production / Mechatronics from a recognized University or equivalent.</p> <p>Desirable: Experience in <u>ANY ONE</u> or <u>MORE</u> of the following will be of added advantage: Knowledge in Solid Mechanics, Mechanisms, Machine Design; Solid modeling software (any of Solidworks/ CATIA/ Inventor etc.), Drafting software (AutoCAD etc.); Analysis software (any of ANSYS/ Abaqus etc.), other dynamics software packages (ADAMS/ ANSYS Motion etc.). Hands-on experience of experimentations and mechanical fitting and assembly work.</p>	Up to 31/03/2027	35	<p>i) Rs. 31,000/- for those candidates who have qualified CSIR-UGC / ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT / DST or equivalent and/or their Agencies/Institutions.</p> <p>ii) Rs. 25,000/- for others who do not fall under (i) above.</p>
13	P - 2621 MMP 015202/2/3	Project Associate - I	01	<p>Bachelor's degree in Engineering or Technology in Computer Science/ Computer Applications / Electronics and Communication / Electronics / Electronics and Instrumentation / Information Technology / Mechatronics / Electronics and Electrical/ Electrical / Data Science from a recognized University or equivalent</p> <p>OR</p> <p>Masters / Integrated Masters in Computer Science / Computer Applications / Electronics / Physics (Electronics) / Radio Physics (Electronics) from a recognized University</p> <p>Desirable: Experience in <u>ANY ONE</u> or <u>MORE</u> of the following will be of added advantage: Machine Learning/ Deep Learning; Computer Vision; Signal Processing; Programming in one of Python/C++; Programming in ROS; Knowledge of Embedded Systems.</p>	Up to 31/03/2027	35	<p>i) Rs. 31,000/- for those candidates who have qualified CSIR-UGC / ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT / DST or equivalent and/or their Agencies/Institutions.</p> <p>ii) Rs. 25,000/- for others who do not fall under (i) above.</p>

14	P - 2622 GAP246912	Project Associate - I	01	<p>Bachelor's degree in Engineering or Technology in Mechanical Engineering from a recognized University or equivalent.</p> <p>Desirable: Experience in Design, 3D modelling, 2D drafting, Prototype Assembly</p>	31/10/2026 (Extendable up to 31/03/2027)	35	Rs. 25000/-
15	P - 2623 GAP246912	Project Associate - I	01	<p>Bachelor's degree in Engineering or Technology in Electrical / Electrical & Electronic / Electronics from a recognized University or equivalent</p> <p>Desirable: Experience in Electrical Vehicle prototype development, PLC and Instruments, tractor testing, data collections.</p>	31/10/2026 (Extendable up to 31/03/2027)	35	Rs. 25000/-
16	P - 2624 MMP 015202/2/5	Project Associate-I	01	<p>Bachelor's degree in Engineering or Technology in Electrical / Electrical & Electronics / Electronics / Instrumentation / Electronics & Instrumentation from a recognized university or equivalent.</p> <p>Desirable: Knowledge of electric vehicle, EV components, electrical system design for EV, wire harness fabrication, etc.</p>	Up to 31/03/2027	35	Rs. 25,000/-
17	P - 2625 GAP 245012	Project -Junior Research Fellow OR Project Associate-I	01	<p>For Project - JRF: Graduate / Post Graduate Degree in Engineering or Technology in Mechanical / Chemical / Power / Energy from a recognized University and selected through a process described through any one of the following: (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 such as DST, DBT, DOS, DRDO etc.</p> <p>For Project Associate-I: Bachelor's degree in Engineering or Technology in Mechanical / Chemical / Power / Energy from a recognized University or equivalent</p> <p>Desirable: For both Project JRF & Project Associate – I mentioned above, the candidate should have knowledge about various designing and analysis software like ANSYS FLUENT, Auto CAD and SOLIDWORKS. Preference will be given to candidates with knowledge in Thermal-Fluid Sciences. The candidate is expected to work on CFD simulation on battery thermal management system.</p>	Up to 28/02/2027 (Extendable upto 20/05/2027)	For Project -JRF - 28; For Project Associate -I - 35	For Project- JRF: Rs. 37,000/ For PAT-I i) Rs. 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) Rs. 25,000/- for others who do not fall under (a) above & as per rule
18	P - 2626 GAP-246812	Project -Junior Research Fellow Or Project Associate-II Or Project Associate - I	01	<p>For Project -JRF: Graduate / Post Graduate Degree in Engineering or Technology in Electrical / Electronics / Mechatronics Engineering from a recognized university and 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, MoE, ICAR, ICMR, IIT, IISc, IISER, NISER etc.</p> <p>For Project Associate –II: Bachelor's degree in Engineering or Technology in Electrical / Electronics / Mechatronics from a recognized University or equivalent and 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services OR Masters / Integrated Masters in Engineering or Technology in Electrical / Electronics / Mechatronics from a recognized University.</p> <p>For Project Associate –I: Bachelor's degree in Engineering or Technology in Electrical / Electronics /Mechatronics from a recognized University or equivalent.</p> <p>Desirable: For all Project JRF & Project Associate – I & II mentioned above, the candidate should have knowledge of Electric motors, Power Electronic Converters, Motor controllers, MATLAB/ SIMULINK simulation</p>	6 Months (Extendable up to March 2027)	For Project -JRF - 28; For Project Associate -I & II - 35	For Project-JRF: Rs. 37,000/- For Project Associate-II: i. Rs. 35,000/- for those candidates who have qualified CSIR-UGC / ICAR/ ICMR NET incl. lectureship/ assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT / DST or equivalent and/or their Agencies/Institutions. ii. 28,000/- for others who do not fall under (i) above. For Project Associate-I: i. Rs. 31,000/- for those candidates who have qualified CSIR-UGC / ICAR/ ICMR NET incl. lectureship / assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT / DST or equivalent and/or their Agencies/Institutions. ii. Rs. 25,000/- for others who do not fall under (i) above.

19	P - 2627	MMP 055201	Project Associate-II	01	<p>Bachelor's degree in Engineering or Technology in Mechanical / Mechatronics / Robotics / Production / Mechanical Design / Robotics & Mechatronics / Engineering Design from a recognized university or equivalent and 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p>OR</p> <p>Masters / Integrated Masters in Engineering or Technology in Mechanical / Mechatronics / Robotics / Production / Mechanical Design / Robotics & Mechatronics / Engineering Design from a recognized university</p> <p>Desirable: Conversant in product modelling and engineering softwares like SolidWorks, Ansys FEM/Catia/ProE, Cradle CFD/Siemens NX and dynamic simulation cum analysis software like ADAMS. Knowledge of Design & Analysis, Structural/Stress & Stability Analysis, Bulking Analysis of pressure enclosures or other structures.</p>	6 Months (Extendable up to March 2028)	35	<p>i. Rs. 35,000/- for those candidates who have qualified CSIR-UGC / ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT / DST or equivalent and/or their Agencies/Institutions.</p> <p>ii. Rs. 28,000/- for others who do not fall under (i) above.</p>
20	** P- 2628	MMP 015202/1/5	Project Scientist – I OR Principal – Project Associate OR Senior - Project Associate	01	<p>For Project Scientist – I: Masters / Integrated Masters in Engineering or Technology in Mechanical / Electrical / Electronics / Robotics / Robotics and Automation / Mechatronics / Intelligent Systems from a recognized University or equivalent AND 4 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p>For Principal – Project Associate: (i) Bachelor's degree in Engineering or Technology in Mechanical/ Electrical/ Electronics/ Mechatronics/ Robotics from a recognized university or equivalent AND 6 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services. OR (ii) Masters /Integrated Masters in Mechanical/ Electrical/ Electronics/ Robotics/ Robotics and Automation/ Mechatronics/ Intelligent Systems from a recognized University OR Doctoral Degree in Engineering/ Technology from a recognized University or equivalent. AND 3 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p>For Senior – Project Associate: (i) Bachelor's degree in Engineering or Technology in Mechanical/ Electrical/ Electronics/ Mechatronics/ Robotics from a recognized university or equivalent AND 3 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services. OR (ii) Masters / Integrated Masters in Mechanical/ Electrical/ Electronics/ Robotics/ Robotics and Automation/ Mechatronics/ Intelligent Systems from a recognized University or equivalent AND 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p>Desirable: Robot path / Motion planning, Robot mechanics, Robot dynamics and algorithms, Robot Control, Robot programming, ROS, MATLAB/SIMULINK; Simulation platform e.g. PyBullet / Gazebo, Hardware system integration; Hands-on experience on any robotic platform/ device.</p>	Up to 31/03/2027	40	<p>For Project Scientist – I: Rs. 56,000 /- with Increment of 5% for every 2 years of experience in the same project.</p> <p>For Principal – Project Associate: Rs. 49,000 /-</p> <p>For Senior – Project Associate: Rs. 42,000 /-</p>

21	P – 2629	GAP-245512	Project - Senior Research Fellow	01	<p>Graduate / Post Graduate Degree in Engineering or Technology in Mechanical / Aerospace / Aeronautical Engineering / Mechatronics/ Biomedical from a recognized university and 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, MoE, ICAR, ICMR, IIT, IISc, IISER, NISER etc. AND</p> <p>In addition to the qualification prescribed above, the candidates should have two (02) years of research experience.</p> <p>Desirable: <u>ANY ONE or more</u> of the following:</p> <ul style="list-style-type: none"> • Machine Design/ Design Optimization/ Data driven techniques of optimization • Mechanical Analysis Software (ANSYS Mechanical/Abaqus/Marc etc., ADAMS/ANSYS Motion etc.) • Solid Modeling Software (any of Solidworks/ CATIA/ Inventor/ Siemens NX etc.) • Design and analysis of Mechanisms and Machines/ Dynamics and Control of Mechanical systems/ Multibody Dynamics • Physics based/ Robot simulation software such as Gazebo/ MuJoCo/ PyBullet etc. • Hands-on-experience in assembly and hardware integration, mechanical system developments, experimentations, mechanical fitting • Basics of Data acquisition, sensor and actuator characterization, experiment design, and overall functioning of robotic systems • Basic Knowledge of Biomechanics of hand/ hand physiotherapy process/ Hand rehabilitation process/ biomechanics of lower limb/ Assist Devices/ Exoskeletons/ Rehabilitation devices/ Robotics 	Up to 31/08/2026 (Extendable)	32	Rs. 42,000/-
22	P - 2630	GAP-245512	Project - Senior Research Fellow	01	<p>Graduate / Post Graduate Degree in Engineering or Technology in Computer Science / Electronics / Instrumentation / Electronics and Communication / Electronics and Instrumentation / Electronics and Electrical / Electrical / Information Technology / Mechatronics / Biomedical from a recognized university</p> <p>Or</p> <p>Post Graduate Degree in Physics (Electronics), Radio Physics or equivalent from a recognized university</p> <p>and 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, MoE, ICAR, ICMR, IIT, IISc, IISER, NISER etc. AND</p> <p>Qualification prescribed above, the candidates should have two (02) years of research experience.</p> <p>Desirable: Machine Learning / Deep Learning, Data engineering, Signal Processing, Programming in one of Python/C++/ Octave/Matlab, Knowledge of Embedded Systems, Motors & Motor Controls, Hands-on-experience in hardware integration, sensor characterization, Biomedical instrumentation.</p>	Up to 31/08/2026 (Extendable)	32	Rs. 42,000/-

23	P - 2631 GAP-247612	Project Research Scientist – I (Non-Medical)	02	<p>Four Years Graduate Degree in Engineering or Technology in Mechanical Engg. / Production Engg. / Mechanical Design / Aeronautical Engg. / Mechatronics / Biomedical Engineering from a recognized University or equivalent</p> <p>Desirable: (i) Masters / Integrated Masters / PhDs in any one relevant area (Mechanical Design/ Optimization, Structural analysis/ optimization, Finite Element Analysis and Applications, Data Driven Optimization, Engineering Mechanics, Mechanisms, Biomechanics, Mechatronic systems, Dynamics and Control of Mechanical Systems, Sensors, Actuators, Pneumatic systems, Robotics, Exoskeletons, Rehabilitation devices) OR, (ii) Experience and Knowledge in <u>ANY ONE or more</u> of the following:</p> <ul style="list-style-type: none"> • Machine Design/ Design Optimization/ Data driven techniques of optimization • Design and analysis of Mechanisms and Machines • Dynamics and Control of Mechanical systems/ Multibody Dynamics • Solid Modeling Software (any of Solidworks/ CATIA/ Inventor/ Siemens NX etc.) • Mechanical Analysis Software (ANSYS Mechanical/Abaqus/Marc etc., ADAMS/ANSYS Motion etc.) • Physics based/ Robot simulation software such as Gazebo/ MuJoCo/ PyBullet etc. • Hands-on-experience in assembly and hardware integration, mechanical system developments, experimentations, mechanical fitting • Basics of instrumentation, data acquisition, sensing and actuation principles, sensor and actuator characterization, experiment design, and overall functioning of robotic systems • Knowledge of Biomechanics of hand/ hand physiotherapy process/ Hand rehabilitation process/ biomechanics of lower limb/ assist devices/ exoskeletons/ rehabilitation devices 	Up to 14/09/2026 (Extendable)	35	Rs. 56,000 /-
24	P - 2632 GAP-247612	Project Research Scientist – I (Non-Medical)	02	<p>Four Years Graduate Degree in Engineering or Technology in Computer Science/ Electronics/ Instrumentation/ Electronics and Communication/ Electronics and Instrumentation / Electronics and Electrical/ Electrical/ Information Technology/ Mechatronics/ Biomedical Engg. from recognised university or equivalent OR, Post Graduate Degree, including the integrated PG Degree, in Physics (Electronics) / Radio Physics/Computer Application/ Data Science / Sports Biomechanics / Sports Science from recognised university</p> <p>Desirable: (i) Masters/Integrated Masters/PhDs in any one relevant areas (Robotics, Biomechanics, Mechatronic systems, Control, Control of Dynamic Mechanical Systems, Sensors, Actuators, Embedded Systems, Deep Learning in Robotics/Rehabilitation/Exoskeletons/Medical devices or related areas, Reinforcement Learning in Robotics/ Rehabilitation/Exoskeletons / Medical devices or related areas) OR, (ii) Experience and Knowledge in <u>ANY ONE or more</u> of the following:</p> <ul style="list-style-type: none"> • Machine Learning/ Deep Learning/ Reinforcement learning, Data engineering, • Signal Processing/ Data acquisition and processing • Programming in Python/C++/Matlab/LabView, Physics based/Robot simulation software such as Gazebo/ MuJoCo/ PyBullet etc. • Knowledge of Embedded Systems/ ROS/ Hands-on-experience in hardware integration/ sensor and actuator characterization/ Biomedical instrumentation • DC/BLDC motor position and torque control, Feedback controller development • Biomechanics of hand/ hand physiotherapy process/ Hand rehabilitation process/ biomechanics of lower limb 	Up to 14/09/2026 (Extendable)	35	Rs. 56,000 /-
25	**P - 2633 RDSF Project	Project Associate-I	01	<p>Bachelor's degree in Engineering or Technology in Electrical / Electrical & Electronics / Electronics / Instrumentation / Electronics & Instrumentation from a recognized university or equivalent.</p> <p>Desirable: Knowledge about Power Electronic converter design, assembly and testing of converter, electrical systems etc.</p>	01/04/2026 to 31/03/2027	35	Rs. 25,000/-

26	** P - 2634	RDSF Project	Project Associate-I	01	<p>Bachelor's degree in Engineering or Technology in Mechanical / Manufacturing / Automobile from a recognized University or equivalent.</p> <p>Desirable: The candidate should have knowledge about design and manufacturing of various mechanical components, designing and analysis software like Auto CAD and SOLIDWORKS, hands-on experience of experimentations, hardware system integration, and mechanical fitting and assembly work.</p>	01/04/2026 to 31/03/2027	35	Rs. 25,000/-
27	** P - 2635	RDSF Project	Senior - Project Associate	01	<p>Bachelor's degree in Engineering or Technology in Electrical / Electrical & Electronics / Electronics / Electronics & Communication / Instrumentation / Electronics & Instrumentation from a recognized university or equivalent. And 03 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p>OR</p> <p>Masters /Integrated Masters in Engineering or Technology in Electrical / Electrical & Electronics / Electronics / Electronics & Communication / Instrumentation / Electronics & Instrumentation from a recognized university. And 02 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p>Desirable: Knowledge of Power Electronic converter design, development and testing, motor control, MATLAB/SIMULINK simulation, embedded programming using model-based design, microcontroller programming etc.</p>	01/04/2026 to 31/03/2027	40	Rs. 42,000/-
28	** P - 2636	IHP-240001	Project Associate-I	01	<p>Bachelor's degree in Engineering or Technology in Mechanical / Power / Energy /Aerospace from a recognized University or equivalent.</p> <p>Desirable: The candidate should have knowledge about product designing, drawing and 3D modeling software like to Auto CAD and SOLIDWORKS, simulation software like ANSYS-FLUENT etc. Preference will be given to candidates with knowledge in Refrigeration, Air Conditioning, Thermodynamics and Heat & Mass Transfer.</p>	01/04/2026 to 31/03/2027	35	<p>i) Rs. 31,000/- for those candidates who have qualified CSIR-UGC / ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT / DST or equivalent and/or their Agencies/ Institutions.</p> <p>ii) Rs. 25,000/- for others who do not fall under (i) above.</p>
29	** P - 2637	IHP-240001	Project Associate-II	01	<p>Bachelor's degree in Engineering or Technology in Mechanical / Power / Energy /Aerospace from a recognized University or equivalent and 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services OR Masters / Integrated Masters in Engineering or Technology in Mechanical / Power / Energy /Aerospace from a recognized University</p> <p>Desirable: The candidate should have knowledge about product designing, drawing and 3D modeling software like to Auto CAD and SOLIDWORKS, simulation software like ANSYS-FLUENT etc. Preference will be given to candidates with knowledge in Refrigeration, Air Conditioning, Thermodynamics and Heat & Mass Transfer.</p>	01/04/2026 to 31/03/2027	35	<p>i. Rs. 35,000/- for those candidates who have qualified CSIR-UGC / ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT / DST or equivalent and/or their Agencies/Institutions.</p> <p>ii. Rs. 28,000/- for others who do not fall under (i) above.</p>
30	** P - 2638	RDSF Project	Senior Project Associate	02	<p>Masters / Integrated Masters in Engineering or Technology in Mechanical from a recognized University and 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services</p> <p>Desirable: Enthusiastic about Hydrogen technology, Proactive learner, Basic familiarity or a strong willingness to learn 1D simulation software</p> <p>Job Description: Support the PI/team in the system-level architecture and feasibility assessment of a PEM-based Fuel Cell Engine, with a focus on Balance-of-Plant (BoP) subsystems, thermal/water management, and 1D system-level simulation. Assist the team in the component-level design of various BoP sub-systems, such as valves, regulators, ejectors, compressors, etc.</p>	Up to 31/03/2027	40	Rs. 42,000 /-

31	** P - 2639	RDSF Project	Senior Project Associate	01	<p>Masters / Integrated Masters in Engineering or Technology in Electrical / Electronics from a recognized University and 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services</p> <p>Desirable: Enthusiastic about Hydrogen technology, Proactive learner, Basic familiarity or a strong willingness to learn MATLAB/Simulink for implementing control logic and Real-Time Digital Twins</p> <p>Job Description: Support the PI/team in development of the digital model (real-time stack emulator / digital twin) of a PEM Fuel Cell stack. The candidate will be involved in understanding and processing stack performance characteristics and curves (e.g., polarization curve, efficiency/power maps, dynamic response), converting them into a simulation-ready digital model, and supporting validation/verification of the model for system-level feasibility and control studies.</p>	Up to 31/03/2027	40	Rs. 42,000 /-
32	** P - 2640	LM Mission	Project Associate - II	01	<p>Bachelor's degree in Engineering or Technology in Mechanical from a recognized University or equivalent and 2 years of experience in research and development in industrial/academic institutions or science and technology organizations, and scientific activities and services.</p> <p>OR Masters / Integrated Masters in Engineering or Technology in Mechanical from a recognized University</p> <p>Desirable: Knowledge of different modelling and simulation software, prior experience of working in Propellers</p>	Up to 31.03.2029 or project closure, whichever is earlier	35	<p>(i) Rs. 35,000/- + HRA for those candidates who have qualified CSIR-UGC / ICAR / ICMR NET incl. lectureship/ assistant Professor ship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT / DST or equivalent and/or their Agencies/ Institutions.</p> <p>(ii) Rs. 28,000/- + HRA for others who do not fall under (i) above.</p>
33	** P - 2641	RDSF Project	Project Associate - I	01	<p>Bachelor's degree in Engineering or Technology in Electrical / Electrical & Electronics / Electronics / Electronics & Communication / Electronics & Instrumentation / Instrumentation from a recognized university or equivalent</p> <p>Desirables: Candidates should have a strong background in electromagnetic field theory, electric machines, and proficiency in simulation tools (such as ANSYS Maxwell or equivalent) for modeling and analysis of BLDC/PMSM motor.</p>	31/03/2027	35	<p>i) Rs. 31,000/- for those candidates who have qualified CSIR-UGC / ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT / DST or equivalent and/or their Agencies/Institutions.</p> <p>ii) Rs. 25,000/- for others who do not fall under (i) above.</p>
34	** P - 2642	RDSF Project	Senior Project Associate	01	<p>(i) Bachelor's degree in Engineering or Technology in Mechanical / Manufacturing / Automobile from a recognized University or equivalent and 3 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p>OR (ii) Masters / Integrated Masters in Engineering or Technology in Mechanical / Power from a recognized University and 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p>Desirable: Knowledge in ANSYS Software, Electric motors design and fabrication, knowledge of different manufacturing processes and experience of generating drawings with appropriate GD&T using Autodesk AutoCAD</p> <p>Or Experienced in Ansys -based thermal evaluation of Electric Motor and its structural/mechanical analysis.</p>	31/03/2027	40	Rs. 42,000/-
35	** P - 2643	RDSF Project	Project Associate-I	01	<p>Bachelor's degree in Engineering or Technology in Mechanical / Manufacturing / Metallurgy / Production from a recognized university or equivalent.</p> <p>Desirable: Knowledge in Python Programming language, Artificial Intelligence, Machine Learning, Image / Signal Processing</p>	12 Months	35	<p>i) Rs. 31,000/- for those candidates who have qualified CSIR-UGC / ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT / DST or equivalent and/or their Agencies/Institutions.</p> <p>ii) Rs. 25,000/- for others who do not fall under (i) above.</p>

36	** P - 2644	CSIR FTT	Project Associate - II	02	<p>Bachelor's degree in Engineering or Technology in Mechanical / Manufacturing / Metallurgy / Production / Electrical/ Electronics from a recognized University or equivalent and 2 years of experience in research and development in industrial/academic institutions or science and technology organizations, and scientific activities and services.</p> <p>OR</p> <p>Masters/Integrated Masters in Engineering or Technology in Mechanical / Manufacturing / Welding / Metallurgy / Production / Design/ Electrical / Electronics from a recognized University</p> <p>Desirable: Knowledge in Python Programming language, Artificial Intelligence, Machine Learning, Image / Signal Processing is preferable.</p>	24 Months	35	<p>i. Rs. 35,000/- for those candidates who have qualified CSIR-UGC / ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT / DST or equivalent and/or their Agencies/Institutions.</p> <p>ii. Rs. 28,000/- for others who do not fall under (i) above.</p>
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****Offer letters will be issued after receiving of requisite fund from CSIR or the concerned funding agency.**

आवश्यक सूचना // Important Information:

वास्तविक पदों की संख्या साक्षात्कार की तारीख को भिन्न हो सकती है। विज्ञापन में उल्लिखित कार्यकाल अस्थायी है जिसे सक्षम प्राधिकारी के निर्णय के अनुसार 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 Interview. Tenure as mentioned in the advertisement is tentative and liable to be curtailed/extended as per decision of the Competent Authority. 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 छह 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 छह वर्ष से कम की अवधि के लिए योगदान दिया है, उनका कार्यकाल छह वर्ष पूरा होने पर स्वतः समाप्त हो जाएगा। चयनित उम्मीदवार संबंधित परियोजना के उपर्युक्त अवधि के लिए आबंधित होंगे, जिसे परियोजना की समाप्ति या अधिकतम छह वर्ष के लिए जो भी पहले हो, तक घटाया या बढ़ाया जा सकता है।

The candidates who have already engaged in 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 6 years or more **are not eligible for the above engagements**. The candidates who have engaged for a period less than 6 years, upon selection, their tenure will automatically end on completion of six years. Selected Candidate(s) will be engaged for above mentioned period of the respective project, which may also be curtailed or extended up to completion of project period or maximum six 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/पीडब्ल्यूबीडी/महिला और ओबीसी श्रेणी के उम्मीदवारों की आयु सीमा में छूट क्रमशः 05 वर्ष और 03 वर्ष या भारत सरकार/सीएसआईआर नियमों के अनुसार होगी।

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/PwBD/WOMEN and the category of OBC shall be 05 years and 03 years respectively or as per the Government of India/CSIR rules.

किसी भी प्रकार का यात्रा भत्ता भुगतान देय नहीं होगा। साक्षात्कार के दौरान हिंदी/अंग्रेजीभाषा 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।

No TA/DA will be paid for attending the Walk-In-Interview. Hindi/English Language can be opted as a medium of communication during 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 fulfil 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।

Offer of engagement to the selected candidates will be issued subject to availability of fund and approval of the Competent Authority.

जो उम्मीदवार वर्तमान में सीएसआईआर-सीएमईआरआई या सीएसआईआर के किसी अन्य लैब/संस्थान में किसी भी परियोजना में लगे हुए हैं, उन्हें साक्षात्कार में उपस्थित होने के लिए सक्षम प्राधिकारी से एनओसी का उत्पादन करना होगा, अन्यथा उन्हें साक्षात्कार में उपस्थित होने की अनुमति नहीं दी जाएगी।

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

हिन्दी और अंग्रेजी संस्करण में किसी भी संदेह / विसंगति के मामले में इसके अंग्रेजी संस्करण को अंतिम माना जाएगा ।

In case of any doubt / discrepancy of the Advertisement between Hindi and English version, the English version of the same will be treated as final.

Sl. No.	Post Code No.	Date of Walk-in-Interview	Reporting Time	Venue
1	P-2609, P-2610, P-2611, P-2612, P-2613, P-2614 & **P-2615	16 / March / 2026		
2A	P-2616, P-2617, P-2619, P-2620, P-2622, P-2625, P-2627, **P-2628, P-2629, P-2631, **P-2634, **P-2636, **P-2637, **P-2638, **P-2640, **P-2642, **P-2643 & **P-2644	17 / March / 2026	09.30 A.M. to 11:30 A.M.	CSIR – Central Mechanical Engineering Research Institute, M.G. Avenue, Durgapur-713209.
2B	P-2618, P-2621, P-2623, P-2624, P-2626, P-2630, P-2632, **P-2633, **P-2635, **P-2639 & **P-2641			

प्रशासन नियंत्रक / Controller of Administration