

सं./No. 04/18/2024-Rct

दिनांक / Dated: 06.06.2024

**विज्ञापन संख्या / Advertisement No. 03/2024**

**प्रोजेक्ट-एसआरएफ / जेआरएफ / सीनियर प्रोजेक्ट एसोसिएट / प्रोजेक्ट एसोसिएट्स / प्रोजेक्ट असिस्टेंट / जूनियर प्रोजेक्ट फेलो के पद के लिए वॉक-इन-इंटरव्यू / WALK-IN-INTERVIEW FOR THE POSITIONS OF PROJECT-SRF/ JRF/ SENIOR PROJECT ASSOCIATE / PROJECT ASSOCIATES / PROJECT ASSISTANT / JUNIOR PROJECT FELLOW**

वर्ष 1958 में स्थापित सीएसआईआर-केन्द्रीय यांत्रिक अभियांत्रिकी अनुसंधान संस्थान, दुर्गापुर, वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद (सीएसआईआर) जो भारत सरकार के विज्ञान और प्रौद्योगिकी मंत्रालय के तहत एक स्वायत्त निकाय है, के तत्वावधान में मैकेनिकल इंजीनियरिंग और संबंधित विषयों के लिए भारत का सर्वोच्च अनुसंधान तथा विकास संस्थान है। वर्तमान में संस्थान का अनुसंधान में प्राथमिकता के क्षेत्र हैं इंटेलिजेंट ऑटोनोमस सिस्टम और रोबोटिक्स; उन्नत डिजाइन और विश्लेषण; सतत एवं डिजिटल विनिर्माण; उन्नत विनिर्माण और मेट्रोलॉजी; एयरबोर्न प्रणालियाँ एवं प्रौद्योगिकियाँ; स्मार्ट फार्म मशीनों और प्रौद्योगिकियाँ; उन्नत कार्यात्मक सामग्री, ट्राइबोलॉजी; प्रॉडक्ट एंड प्रोसेस डिजाइन; विद्युत गतिशीलता एवं स्वच्छ ऊर्जा 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 include "Intelligent autonomous systems & robotics; Advanced Design and Analysis; Sustainable & digital manufacturing; Advanced Manufacturing and Metrology; Airborne systems & technologies; Smart farm machines & technologies; Advanced Functional Materials, Tribology; Product and Process design; Electric mobility & clean energy, etc".

सीएसआईआर-सीएमईआरआई, दुर्गापुर में दिनांक 20 - 21 जून, 2024 के दौरान प्रोजेक्ट जेआरएफ / एसआरएफ / सीनियर प्रोजेक्ट एसोसिएट / प्रोजेक्ट एसोसिएट्स / जूनियर प्रोजेक्ट फेलो / प्रोजेक्ट असिस्टेंट पद के लिए विभिन्न परियोजनाओं में आबन्ध हेतु प्रवेश साक्षात्कार / वॉक-इन-इंटरव्यू का आयोजन किया जाएगा। चयनित उम्मीदवारों को उन्नत प्रयोगशालाओं में विभिन्न अनुसंधान एवं विकास परियोजनाओं के तहत काम करने तथा प्रशिक्षण का अवसर मिलेगा। रिक्तियों की संख्या विभिन्न विषयों या परियोजनाओं में भी किसी भी तरह से भिन्न हो सकती है।

A Walk-in-interview will be conducted at CSIR-CMERI, Durgapur during 20<sup>th</sup> – 21<sup>st</sup> June, 2024 to select candidates for engagement as Project-SRF/JRF / Senior Project Associate / Research Associate / Project Associates / Project Assistant / Junior Project fellow 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 or projects.

Sl. No.	Post Code	Project No.	Position	No. of Position	Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
1	P-5201	FTT040505	Project Associate- I	02	B.E./B. Tech. in Mechanical Engineering from a recognized University or equivalent. <b>Desirable:</b> Proficiency in the field of Machine Design, 3D CAD modeling (Solid work/ Inventor), Basic Calculations and Analysis will be preferred. Prototype Development & Field testing.	Up to 31.03.2026	35 Years	Rs. 25000/-
2	P-5202	FTT040505	Project Associate- 1	01	B.E./B. Tech. in Electrical Engineering from a recognized University or equivalent. <b>Desirable:</b> Understanding of Basic Electrical Engineering, circuit design and simulation.	Up to 31.03.2026	35 Years	Rs. 25000/-
3	P-5203	FTT040505	Project Assistant	02	Three years Diploma in Electrical Engineering from a recognized University or equivalent. <b>Desirable:</b> Understanding of Basic Electrical Engineering, Prototype Development & Field testing.	Up to 28.02.2026	50 Years	Rs. 20000/-

Sl. No.	Post Code	Project No.	Position	No. of Position	Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
4	P-5204	GAP 242112	Project JRF OR Project Associate – I	01	<p><b>For Project JRF:</b> B.E. / B. Tech / M.E. /M. Tech in Computer Science and Engineering / I.T. / Electronics and relevant disciplines/ Applied Electronics or relevant disciplines/ Mechatronics / Electrical or equivalent subjects OR M.Sc in Electronics / Computer Science / Applied Physics / Physics / IT or equivalent from a recognized University and selected through a process described through any one of the following:  a) National Eligibility Test – CSIR – NET, 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.  <b>Desirable:</b> Background in ML, Python, IoT, embedded systems, sensor interfacing, microcontroller programming.</p>	01 Year (Extendable)	28 Years	Rs. 37000/-
					OR			
					<p><b>For Project Associate – I:</b> B.E. / B. Tech in Computer Science and Engineering / I.T./ Electronics and relevant disciplines/ Applied Electronics and relevant disciplines/ Mechatronics / Electrical or equivalent OR M.Sc in Electronics/ Computer Science/Applied Physics/Physics/IT or equivalent from a recognized University or equivalent  <b>Desirable:</b> As mentioned above.</p>	01 Year (Extendable)	35 Years	<p>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.</p> <p>ii. Rs.25,000/- for others who do not fall under (i) above</p>
5	P-5205	FTT080506	Project Associate – II	03	<p>M.Sc in Chemistry / Polymer Science or equivalent degree from a recognized University or equivalent with two years of research experience from a recognized Institution.  <b>Desirable:</b> Proficiency in Energy Materials, Composite Materials, Nanoscience, and Nanotechnology will be preferred.</p>	Up to 31.03.2026	35 Years	<p>i. Rs. 35,000/- 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.</p> <p>ii. Rs.28,000/- for others who do not fall under (i) above.</p>
6	P-5206	FTT080506	Project Associate – I	01	<p>B.E. / B. Tech. in Mechanical Engineering from a recognized University or equivalent.  <b>Desirable:</b> Proficiency in Composite materials modeling, numerical analysis of composite structures will be preferred.</p>	Up to 31st March, 2026	35 Years	<p>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.</p> <p>ii. Rs.25,000/- for others who do not fall under (i) above</p>
7	P-5207	GAP243512	Project Assistant	01	<p>B.Sc. from a recognized University or equivalent.  Or  Three years Diploma in Mechanical /Thermal Engineering from a recognized University or equivalent.  <b>Desirable:</b> Proficiency in handling furnaces and basic chemical analysis knowledge.</p>	Up to 07.01.2026	50 Years	Rs. 20000/-
8	P-5208	NCP040306	Project Associate – I	01	<p>B.E./B. Tech. in Mechanical Engineering from a recognized University or equivalent.  <b>Desirable:</b> Higher qualification (M.E./M.Tech) will be preferred. Mechanical design, fluid mechanics, knowledge in ANSYS/ CATIA/ Solid Woks etc. will be preferred.</p>	01 Year (Extendable)	35 Years	<p>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.</p> <p>ii. Rs.25,000/- for others who do not fall under (i) above</p>
9	P-5209	NCP040306	Project Associate – I	01	<p>B.E./B. Tech. in Electrical Engineering / Electronics and Communication Engineering / Electronics and Instrumentation or equivalent from a recognized University or equivalent.  <b>Desirable:</b> Higher qualification (M.E./M.Tech) will be preferred. signal/image processing, control, programming in MATLAB/ Python/ LabVIEW etc. will be preferred.</p>	01 Year (Extendable)	35 Years	Rs. 25000/-

Sl. No.	Post Code	Project No.	Position	No. of Position	Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
10	P-5210	NCP040306	Project Assistant	01	Three years Diploma in Mechanical from a recognized University or equivalent <b>Desirable:</b> Knowledge in machine drawing/ AutoCAD/ Solid Modelling will be preferred.	01 Year (Extendable)	50 Years	Rs. 20000/-
11	P-5211	IHP 240002	Project Associate – I	01	B.E./B. Tech. in Mechanical / Chemical / Power / Energy Engineering from a recognized University or equivalent. <b>Desirable:</b> 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.	Up to 31.03.2026	35 Years	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 (i) above.
12	P-5212	IHP-240001	Project Associate – I	02	B.E./B. Tech. in Mechanical / Chemical / Power / Energy Engineering from a recognized University or equivalent. <b>Desirable:</b> 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 Thermodynamics and Heat & Mass Transfer. The candidate is expected to work on CFD simulation in reacting flows.	Up to 31.03.2026	35 Years	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 (i) above.
13	P-5213	TSP-1521	Project Assistant	02	Three years Diploma in Agricultural/ Mechanical Engineering from a recognized University or equivalent. <b>Desirable:</b> Candidates having knowledge of testing of different types of agricultural machinery, plant protection equipment etc. will be preferred.	Up to 31.03.2025 (Extendable)	50 Years	Rs. 20000/-
14	P-5214	GAP-243112	Project JRF OR Project Associate – I	01	For Project JRF: B.E. / B. Tech / M.E. /M. Tech in Mechanical Engineering from a recognized University and selected through a process described through any one of the following: a) National Eligibility Test – CSIR – NET, 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.	Up to 20.11.2025	28 Years	Rs. 37000/-
					OR For Project Associate – I: B.E. / B. Tech in Mechanical Engineering from a recognized University or equivalent.	Up to 20.11.2025	35 Years	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 (i) above
15	P-5215	FTT010505	Project Associate – II OR Project Associate – I	01	For Project Associate – II: M.Sc. in Chemistry / Materials Science from a recognized University or equivalent with two years of research experience from a recognized Institution. <b>Desirable:</b> Knowledge of different kind of coating technology.	Up to 31.03.2026	35 Years	i. Rs. 35,000/- 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.28,000/- for others who do not fall under (i) above.
					OR For Project Associate – I: M.Sc. in Chemistry / Materials Science from a recognized University or equivalent. <b>Desirable:</b> As mentioned above.	Up to 31.03.2026	35 Years	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 (i) above.

Sl. No.	Post Code	Project No.	Position	No. of Position	Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
16	P-5216	GAP-242712	Project JRF or Junior Project Fellow	01	<p><b>For Project JRF:</b> B.E. / B. Tech / M.E. / M. Tech in Chemical / Environmental / Civil / Biochemical Engineering or equivalent OR M.Sc. in Environmental Science or equivalent from a recognized University and selected through a process described through any one of the following:</p> <p>a) National Eligibility Test – CSIR – NET, 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><b>Desirable:</b> Waste water analysis and waste water treatment, CFD analysis.</p>	Up to 23.08.2024	28 Years	Rs. 37000/-
					OR			
					<p><b>For Junior Project Fellow:</b> B.E. / B. Tech in Chemical / Environmental / Civil / Biochemical Engineering or equivalent OR M.Sc. in Environmental Science or equivalent from a recognized University or equivalent.</p> <p><b>Desirable:</b> As mentioned above.</p>	Up to 23.08.2024	28 Years	Rs. 20000/-
17	P-5217	FTT010505	Project Associate – I OR Project Associate – II	01	<p><b>For Project Associate – I:</b> B.E. / B. Tech in Mechanical / Materials / Metallurgy Engineering from a recognized University or equivalent.</p> <p><b>Desirable:</b> Knowledge of different kind of coating technology.</p>	Up to 31.03.2026	35 Years	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 (i) above.
					OR			
					<p><b>For Project Associate – II:</b> B.E. / B. Tech in Mechanical / Materials / Metallurgy Engineering from a recognized University or equivalent with two years of research experience from a recognized Institution.</p> <p><b>Desirable:</b> As mentioned above.</p>	Up to 31st March, 2026	35 Years	i. Rs. 35,000/- 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.28,000/- for others who do not fall under (i) above.
18	P-5218	NWP00100	Project Assistant	01	<p>Three years Diploma in Mechanical / Electrical / Electronics / CSE Engineering from a recognized University or equivalent.</p> <p><b>Desirable:</b> Proficiency in word processor, spreadsheet and presentation software.</p>	Up to 31.03.2025	50 Years	Rs. 20000/-
19	P-5219	GAP-243612	Project Associate-I	01	<p>B.E. / B. Tech in CSE / IT / Electronics / Electronics &amp; Communication / Electronics &amp; Telecommunication / Instrumentation Engineering / M.Sc. in Data Science from a recognized University or equivalent.</p> <p><b>Desirable:</b> Knowledge in IoT Cloud interface, Data Analysis, AI algorithms and implementation in real time applications, IoT device and dashboard interface with SBC</p> <ul style="list-style-type: none"> <li>• Image processing</li> <li>• Dashboard development</li> <li>• Proficiency in Python, Matlab, C++ Programming, HTML</li> <li>• Development of interface with different sensors/ instruments and System Integration, use of third party DLLs and Drivers</li> <li>• Field data survey &amp; collection</li> <li>• Technical report writing</li> </ul>	Up to 31.03.2025 (Extendable)	35 Years	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 (i) above.
20	P-5220	GAP-243012	Project JRF or Project Associate-I	01	<p><b>For Project JRF:</b> B.E. / B. Tech / M.E. / M. Tech in Mechanical Engineering from a recognized University and selected through a process described through any one of the following:</p> <p>a) National Eligibility Test – CSIR – NET, 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><b>Desirable:</b> Knowledge in the field of numerical analysis of journal bearing, 3D modeling and analysis.</p>	Up to 09.11.2025	28 Years	Rs. 37000/-

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					OR			
					<p><b>For Project Associate-I:</b> B.E. / B. Tech in Mechanical Engineering from a recognized University.</p> <p><b>Desirable:</b> As mentioned above.</p>	Up to 09.11.2025	35 Years	<p>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.</p> <p>ii. Rs. 25,000/- for others who do not fall under (i) above.</p>
21	P-5221*	CMPDI Spon. Project	Project JRF OR Project Associate - I	01	<p><b>For Project JRF:</b> B.E. / B. Tech / M.E. /M. Tech in Chemical Engineering / Materials Science &amp; Engineering / Materials Science and Metallurgical Engineering / Energy Science &amp; Engineering / Nanotechnology / Mechanical Engineering from a recognized University and selected through a process described through any one of the following:</p> <p>a) National Eligibility Test – CSIR – NET, 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><b>Desirable:</b> Proficiency in the field of Advanced Materials, Energy Materials, Nanoscience and Nanotechnology will be preferred. Hands on experience in MATLAB/COMSOL simulations will be given preference.</p> <p style="text-align: center;">OR</p> <p><b>For Project Associate-I:</b> B.E. / B. Tech in Chemical Engineering / Materials Science &amp; Engineering / Materials Science and Metallurgical Engineering / Energy Science &amp; Engineering / Nanotechnology / Mechanical Engineering from a recognized University or equivalent.</p> <p><b>Desirable:</b> As mentioned above.</p>	02 Years	28 Years	Rs. 37,000/-
22	P-5222*	CMPDI Spon. Project	Project JRF	01	<p>M.Sc. in Chemistry / Physics from a recognized University and selected through a process described through any one of the following:</p> <p>a) National Eligibility Test – CSIR – NET, 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><b>Desirable:</b> Proficiency in the field of Advanced Materials, Energy applications or Nanoscience and Nanotechnology will be preferred.</p>	02 Years	28 Years	Rs. 37000/-
23	P-5223	NCP040305	Project Associate-I	01	<p>B.E. / B. Tech in Agricultural Engineering / Farm Machinery &amp; Power / Mechanical Engineering from a recognized University or equivalent.</p> <p><b>Desirable:</b> Knowledge of agricultural Machinery design and CAD Software.</p>	Up to 31.03.2026	35 Years	<p>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.</p> <p>ii. Rs.25,000/- for others who do not fall under (i) above</p>
24	P-5224	NCP040305	Project Assistant	01	<p>Three-year Diploma in Agricultural Engineering / Mechanical Engineering / Electrical Engineering from a recognized University or equivalent.</p>	Up to 31.03.2026	50 Years	Rs. 20000/-
25	P-5225	GAP-244712	Project Associate - II	01	<p>MSc. in Chemistry / Environmental Science / Water Engineering and Management OR B.E. / B. Tech in Chemical Engineering / Civil Engineering / Biotechnology Engineering from a recognized University or equivalent with two years of research experience from a recognized Institution.</p> <p><b>Desirable:</b> Candidates having research experience in (i) Nanoparticle synthesis / patterned surface development, functionalization, and characterization, and (ii) machine learning applications will be preferred.</p>	01 Year (Extendable)	35 Years	<p>i. Rs. 35,000/- 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.</p> <p>ii. Rs.28,000/- for others who do not fall under (i) above.</p>

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26	P-5226	GAP-244912	Project JRF	01	B.E. / B. Tech / M.E. /M. Tech in Mechanical / Manufacturing / Materials Science / Materials Engineering / Ceramic Engineering from a recognized University and selected through a process described through any one of the following: a) National Eligibility Test – CSIR – NET, 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.	02 Years (Extendable)	28 Years	Rs. 37000/-
27	P-5227	NCP010303	Project Associate-I Or Project Associate-II	01	<p><b>For Project Associate-I:</b> B.E. / B. Tech in Mechanical Engineering / Production Engineering / Metallurgical Engineering or equivalent from a recognized University or equivalent.</p> <p style="text-align: center;">Or</p> <p>M.Sc. in Material Science or equivalent from a recognized University or equivalent.</p> <p><b>Desirable:</b> Good understanding of Mechanical Design, Solid modelling, Research aptitude and focus towards publishing research papers.</p>	01 Year (Extendable)	35 Years	<p>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.</p> <p>ii. Rs.25,000/- for others who do not fall under (i) above</p>
					OR			
28	P-5228	NCP010303	Project Associate-I or Project Associate-II	01	<p><b>For Project Associate-I:</b> B.E. / B. Tech / M.Sc. in Electronics / Electronics and Instrumentation / Electronics and Communication / Mechatronics / Electronics and Electrical / Computer Science / Information Technology from a recognized University or equivalent.</p> <p><b>Desirable:</b> Microcontroller programming, Circuit Design sensor and actuator interfacing, PCB layout, Machine Learning.</p>	01 Year (Extendable)	35 Years	<p>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.</p> <p>ii. Rs.25,000/- for others who do not fall under (i) above</p>
					OR			
29	P-5229 *	DBT Spon. Project	Project Associate-I	01	<p><b>For Project Associate-II:</b> B.E. / B. Tech / M.Sc. in Electronics / Electronics and Instrumentation / Electronics and Communication / Mechatronics / Electronics and Electrical / Computer Science / Information Technology from a recognized University or equivalent.</p> <p><b>Desirable:</b> As mentioned above.</p>	01 Year (Extendable)	35 Years	<p>i. Rs. 35,000/- 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.</p> <p>ii. Rs. 28,000/- for others who do not fall under (i) above</p>
					<p><b>For Project Associate-I:</b> B.E. / B. Tech / M.Sc. in Electronics / Electronics and Instrumentation / Electronics and Communication / Mechatronics / Electronics and Electrical / Computer Science / Information Technology from a recognized University or equivalent.</p> <p><b>Desirable:</b> Microcontroller programming, sensor interfacing, Circuit Design, PCB layout</p>	01 Year (Extendable)	35 Years	<p>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.</p> <p>ii. Rs.25,000/- for others who do not fall under (i) above</p>

Sl. No.	Post Code	Project No.	Position	No. of Position	Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
30	P-5230	FTT060504	Project Associate-I or Project Associate-II	02	<p><b>For Project Associate-I:</b> B. E / B. Tech in Electrical Engineering / Electrical &amp; Electronics Engineering / Electronics Engineering / Electronics &amp; Communication Engineering / Electronics &amp; Instrumentation Engineering / Instrumentation Engineering from a recognized university or equivalent.  <b>Desirable:</b> Knowledge of Electric motors, Power Electronic Converters, Motor controllers, Battery integration, integration of electric drive in electric vehicles, MATLAB/ SIMULINK simulation.</p>	Up to 31.03.2026	35 Years	Rs. 25,000/-
					<p style="text-align: center;">OR</p> <p><b>For Project Associate-II:</b> B. E / B. Tech in Electrical Engineering / Electrical &amp; Electronics Engineering / Electronics Engineering / Electronics &amp; Communication Engineering / Electronics &amp; Instrumentation Engineering / Instrumentation Engineering from a recognized university or equivalent with two years of research experience from a recognized Institution.  <b>Desirable:</b> As mentioned above.</p>	Up to 31.03.2026	35 Years	Rs. 28,000/-
31	P-5231	GAP-245012	Project JRF or Project Associate -I	01	<p><b>For Project JRF:</b> B.E. / B. Tech / M.E. /M. Tech in Mechanical / Chemical / Power / Energy Engineering from a recognized University and selected through a process described through any one of the following:  a) National Eligibility Test – CSIR – NET, 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.  <b>Desirable:</b> 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 31.12.2025 (Extendable)	28 Years	Rs. 37,000/-
					<p><b>For Project Associate – I :</b> B. E / B. Tech in Mechanical / Chemical / Power / Energy Engineering from a recognized university or equivalent.  <b>Desirable:</b> As mentioned above.</p>	Up to 31.12.2025 (Extendable)	35 Years	<p>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</p> <p>ii. Rs.25,000/- for others who do not fall under (i) above</p>
32	P-5232	GAP244812	Project SRF	01	<p>B.E. / B. Tech / M.E. /M. Tech in Mechanical Engineering / Manufacturing Science and Engineering, Manufacturing Engineering, Production Engineering, Manufacturing Technology, Production Technology, Production Technology and Management, Industrial Engineering, CAD-CAM, Mechanical Engineering with Manufacturing or Production or Industrial Engineering / Technology as Specialization from a recognized University with two years of research experience and selected through a process described through any one of the following:  a) National Eligibility Test – CSIR – NET, 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.</p>	Up to 13.05.2026	32 Years	Rs. 42,000/-
33	P-5233 *	CMPDI Spon. Project	Project JRF	01	<p>B.E. / B. Tech / M.E. /M. Tech in Applied Physics / Materials Science / Materials Engineering OR M.Sc. in Physics / Chemistry / Material Science from a recognized University and selected through a process described through any one of the following:  a) National Eligibility Test – CSIR – NET, 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.</p>	Up to 31.03.2025 (extendable)	28 Years	Rs. 37000/-

Sl. No.	Post Code	Project No.	Position	No. of Position	Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
34	P-5234	IHP240004	Senior Project Associate OR Project Associate -II	01	<p><b>For Senior Project Associate:</b> B.E. / B.Tech in Computer Science/ Electronics and Communication/ /Information Technology/ Electronics and Instrumentation / Mechatronics /Electronics and Electrical Engineering or equivalent from a recognized University with 04 years of Research Experience in relevant field from a recognized Institution.</p> <p>OR</p> <p>M.Sc in Applied Mathematics/ Physics (Electronics) or equivalent from a recognized University with 04 years of Research Experience in relevant field from a recognized Institution.</p> <p>OR</p> <p>M.E. / M.Tech in Computer Science/ Electronics and Communication/ /Information Technology/ Electronics and Instrumentation /Mechatronics/Electronics and Electrical Engineering or equivalent from a recognized University with 02 years of Research Experience in relevant field from a recognized Institution.</p> <p>OR</p> <p>Doctoral degree in Science [ Physics (Electronics)/ Computer Science/ Applied Mathematics], OR in Engineering/ Technology from a recognized Institution.</p> <p><b>Desirable:</b> Machine Learning/ Deep Learning, Signal Processing, Programming in one of Python/C++/ Octave/Matlab, Knowledge of Embedded Systems.</p>	One Year (extendable)	40 Years	Rs. 42,000/-
					OR			
					<p><b>For Project Associate-II:</b> B.E. / B.Tech in Computer Science/ Electronics and Communication / Information Technology / Electronics and Instrumentation / Mechatronics / Electronics and Electrical Engineering OR M.Sc in Applied Mathematics/ Physics (Electronics) or equivalent from a recognized University with 02 years of Research Experience in relevant field from a recognized Institution.</p> <p><b>Desirable:</b> As mentioned above.</p>	One Year (extendable)	35 Years	<p>i. Rs. 35,000/- 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.</p> <p>ii. Rs.28,000/- for others who do not fall under (i) above</p>

**\*Offer of engagement will be issued subject to receipt of the fund in respective project from the funding agency.**

वास्तविक पदों की संख्या साक्षात्कार की तारीख को भिन्न हो सकती है। उपर 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 or curtailed. 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-सीएमआईआरआई या किसी अन्य सीएसआईआर लैब में पाँच 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 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 /Project Associate/ 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 जनजाति/अन्य पिछड़ा वर्ग और महिला उम्मीदवारों की आयु सीमा में छूट सरकार/सीएसआईआर के 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 of India/CSIR rules.



योग्यता प्राप्त इच्छुक उम्मीदवारों 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 भाषा 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।

The interested candidates may appear before the Selection Committee 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 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; therefore, 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 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 को 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 to the selected candidates will be issued subject to availability of fund and approval of the Competent Authority. Tenure as 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 from the concerned Competent Authority for appearing in the Walk-In-Interview, 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.

### **Schedule of Walk-in-Interview**

Sl. No.	Post Code No.	Date of Walk-in-Interview	Venue	Reporting Time
I	P-5205, P-5215, P-5216, P-5222, P-5225, P-5233	20.06.2024 (Thursday)	CSIR-Central Mechanical Engineering Research Institute (CSIR-CMERI), Mahatma Gandhi Avenue, Durgapur - 713 209, Paschim Bardhaman, West Bengal	09.30 A.M. to 11:30 A.M.
II	P-5202, P-5204, P-5209, P-5219, P-5228, P-5229, P-5230, P-5234			
III	P-5201, P-5206, P-5208, P-5211, P-5212, P-5214, P-5217, P-5220, P-5221, P-5223, P-5226, P-5227, P-5231, P-5232,	21.06.2024 (Friday)		
IV	P-5203, P-5207, P-5210, P-5213, P-5218, P-5224			

**प्रशासनिक अधिकारी /  
Administrative Officer**