

No.: 04/18/2024- Rct.

Date: 18.09.2024

**विज्ञापन संख्या/ Advertisement No. 04/2024**

**प्रोजेक्ट साइंटिस्ट / प्रोजेक्ट-एसआरएफ / जेआरएफ / प्रिंसिपल प्रोजेक्ट एसोसिएट / सीनियर प्रोजेक्ट एसोसिएट / प्रोजेक्ट एसोसिएट्स / जूनियर प्रोजेक्ट फेलो / प्रोजेक्ट असिस्टेंट पद के लिए सीधा साक्षात्कार / WALK-IN-INTERVIEW FOR THE POSITION OF PROJECT SCIENTIST / PROJECT-SRF/ JRF/ PRINCIPAL PROJECT ASSOCIATE / SENIOR PROJECT ASSOCIATE / PROJECT ASSOCIATES / JUNIOR PROJECT FELLOW / PROJECT ASSISTANT**

वर्ष 1958 में स्थापित सीएसआईआर-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, 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 हैं उन्नत डिजाइन और विश्लेषण, रोबोटिक्स और मेकैट्रॉनिक्स, उन्नत विनिर्माण और मेट्रोलॉजी, इलेक्ट्रॉनिक्स और एंबेडेड सिस्टम, ड्राइव एंड कंट्रोल; नियर नेटशेप मैन्युफैक्चरिंग, माइक्रोसिस्टम्स टेक्नोलॉजी; परिशुद्धता फार्म मशीनरी; उन्नत कार्यात्मक सामग्री, ट्राइबोलॉजी; उत्पाद और प्रक्रिया डिजाइन, अक्षय ऊर्जा प्रौद्योगिकी 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 Ministry of Science & Technology, Government of India. The present priority areas of research of the institute include **Advanced Design and Analysis; Robotics & Mechatronics, Advanced Manufacturing and Metrology, Electronics & Embedded Systems, Drives & Control; Near Netshape Manufacturing, Micro-Systems Technologies; Precision Farm Machinery; Advanced Functional Materials, Tribology; Product and Process design, Renewable Energy Technologies etc.**

सीएसआईआर-सीएमईआरआई, दुर्गापुर में दिनांक **30 सितंबर - 01 अक्टूबर, 2024** के दौरान विभिन्न परियोजनाओं के तहत परियोजना कर्मचारियों के विभिन्न पदों पर विभिन्न परियोजनाओं में आबन्ध हेतु उम्मीदवारों का चयन करने के लिए एक 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 **30<sup>th</sup> September – 01<sup>st</sup> October, 2024** to select candidates for engagement as various positions of project personnel 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 Post	Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
1	P-5301*	DST Sponsored Project	Project Associate - I	01	B.E./B. Tech. in Agricultural Engineering / Mechanical Engineering / Chemical Engineering / Farm Machinery and Power from a recognized University. <b>Desirable:</b> Knowledge of Agricultural Machinery design and CAD software.	Up to 30.09.2026	35 Years	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.

Sl.No.	Post Code	Project No.	Position	No. of Position	Qualification and Experience	Tenure	Upper age limit	Consolidated Remuneration per month (Rs.)
2	P-5302	FTT-010505	Project Associate – I OR Project Associate – II	01	<p><u>For PAT-I:</u> B.E./B. Tech. in Mechanical Engineering / Chemical Engineering / Materials Engineering / Metallurgy from a recognized University.</p>	31 <sup>st</sup> March 2026	35 Years	<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>
					OR			
3	P-5303*	GAP-239512	Project JRF OR Project Associate – I	01	<p><u>For PAT-II:</u> (i) B.E./B. Tech. in Mechanical Engineering / Chemical Engineering / Materials Engineering / Metallurgy 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. Or (ii) M.E. / M. Tech. in Mechanical Engineering / Chemical Engineering / Materials Engineering / Metallurgy from a recognized University or equivalent.</p>	31 <sup>st</sup> March 2026	35 Years	<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>
					OR			
3	P-5303*	GAP-239512	Project JRF OR Project Associate – I	01	<p><u>For Project JRF:</u> B.E. / B. Tech / M.E. / M. Tech in Computer Science and Engineering / Electronics and Communication Engineering / Electrical Engineering / Mechatronics / Information Technology or equivalent OR M.Sc. in Applied Physics / Applied Mathematics 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. <u>Desirable:</u> Programming knowledge in C / C++ Python, Analog and Digital Communication, Power system design, Control System Design, Statistical modelling and analysis etc.</p>	Up to 17.08.2025	28 Years	Rs. 37000/-
					OR	Up to 17.08.2025	35 Years	<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>

4	P-5304*	GAP-238812	Project JRF	01	B.E. / B. Tech. / M.E. / M. Tech in Materials Science / Chemical Engineering or equivalent OR M.Sc. in Chemistry / Physics 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. <u>Desirable:</u> Proficiency in the field of Advanced Materials, Electrochemistry or Nanoscience and Nanotechnology will be preferred.	Up to 27.06.2025	28 Years	Rs. 37000/-
5	P-5305	GAP-242812	Project JRF or Junior Project Fellow	01	<u>For Project JRF:</u> B.E. / B. Tech. / M.E. / M. Tech in Mechanical Engineering / Mechatronics / Chemical 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. <u>Desirable:</u> Research Aptitude, Focused towards publishing research papers, Product Development	02 Years	28 Years	Rs. 37000/-
					OR			
					<u>For JPF:</u> B.E. / B. Tech. in Mechanical Engineering / Mechatronics / Chemical Engineering from a recognized University. <u>Desirable:</u> As mentioned above.	02 Years	28 Years	Rs. 20000/-
6	P-5306	GAP-240512 & GAP-240412	Project Associate - I	02 (01 post for each project)	B.E. / B. Tech. in Mechanical Engineering / Robotics / Mechatronics or equivalent OR M.Sc. in Applied Physics / Physics / Applied Mathematics / Mathematics from a recognized University. <u>Desirable:</u> Good understanding in Mechanical Design / Dynamics / Mechanics / ANSYS, Solid Works / ADAMS.	07 Months	35 Years	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.
7	P-5307	GAP-236312	Project Associate – II Or Project Associate - I	01	<u>For PAT – I:</u> B.E. / B. Tech. in Mechanical Engineering / Civil Engineering from a recognized University. <u>Desirable:</u> Knowledge of solid mechanics and fluid dynamics. Experience in CAD of structures. Computational Fluid Dynamics & Solid Mechanics modeling in Ansys software.	Up to 31.12.2024	35 Years	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.
					OR			
					<u>For PA – II:</u> (i) B.E. / B. Tech. in Mechanical Engineering / Civil Engineering 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. Or (ii) M.E. / M. Tech. in Mechanical Engineering / Civil Engineering from a recognized University. <u>Desirable:</u> As mentioned above.	Up to 31.12.2024	35 Years	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. Rs.28,000/- for others who do not fall under (i) above.

8	P-5308	HCP-54/02	Project Associate - I	01	<p><b>B.E. / B. Tech. in Chemical / Environmental / Biotechnology / Agricultural Engineering from a recognized University.</b></p> <p><u>Desirable:</u> Knowledge in faecal sludge fertilizer characterization fertilizer profile testing, Prototype testing and data collection and analysis</p>	Up to 31.03.2025 (Extendable)	35 Years	<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-5309	FTT080506	Project Associate – II	03	<p><b>M.Sc. in Chemistry / Polymer Science or equivalent from a recognized University</b></p> <p style="text-align: center;"><b>And</b></p> <p><b>2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</b></p> <p><u>Desirable:</u> 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/- 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>
10	P-5310*	GAP-241312	Project JRF	01	<p><b>B.E. / B. Tech. / M.E. / M. Tech in Mechanical / Production / Manufacturing / Materials Science / Materials Engineering / Ceramic Engineering from a recognized University and selected through a process described through any one of the following:</b></p> <p>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 15.03.2026	28 Years	<p style="text-align: center;"><b>Rs. 31000/-</b></p> <p>(Pay will be revised to Rs. 37000/- on receipt of the fund from the Funding Agency)</p>
11	P-5311	GAP-245412	Project JRF	01	<p><b>B.E. / B. Tech. / M.E. / M. Tech in Agricultural Engineering / Farm Machinery &amp; Power / Mechanical Engineering from a recognized University and selected through a process described through any one of the following:</b></p> <p>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> <p><u>Desirable:</u> Knowledge of Agricultural Machinery design and CAD Software.</p>	02 Years (Extendable)	28 Years	<p style="text-align: center;"><b>Rs. 37000/-</b></p>
12	P-5312	GAP-243612	Project Assistant - II	01	<p><b>Three years Diploma in Mechanical Engineering from a recognized University.</b></p> <p><u>Desirable:</u> Hands-on experience on development assembly and integration of various small mechanical, electronic, electrical components of vehicle / mechanical systems, piping arrangement and mechanical system integration. Capability of development of manufacturing drawings and 3D modeling using CAD software and field data survey &amp; collection.</p>	Up to 31.03.2025 (Extendable)	35 Years	<p style="text-align: center;"><b>Rs. 20000/-</b></p>
13	P-5313*	DBT Spon. Project	Project Associate - I	01	<p><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.</b></p> <p><u>Desirable:</u> Microcontroller programming, sensor interfacing, Circuit Design, PCB layout.</p>	18 Months	35 Years	<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-5314*	CMPDI Spon. Project	Project JRF	01	<p><b>M.Sc. in Physical Science / Chemistry / Material Science OR B.E. / B. Tech. / M.E. / M. Tech in Applied Physics / Materials Science / Materials Engineering from a recognized University and selected through a process described through any one of the following:</b></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>	Up to 31.03.2025	28 Years	Rs. 37000/-
15	P-5315	NCP040306	Project Associate -I	01	<p><b>B.E. / B. Tech. in Mechanical Engineering from a recognized University.</b></p> <p><u>Desirable:</u> Desirable knowledge: 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/- 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>
16	P-5316	IHP240001	Project Associate – I	01	<p><b>B.E. / B. Tech. in Mechanical / Aerospace / Automobile / Chemical / Power / Energy Engineering from a recognized University.</b></p> <p><u>Desirable:</u> 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 &amp; Mass Transfer. The candidate is expected to work on CFD simulation in reacting flows.</p>	Up to 31.03.2026	35 Years	<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>
17	P-5317	TSP-1521	Project Assistant-II	02	<p><b>Three years Diploma in Agricultural / Mechanical Engineering from a recognized University or equivalent.</b></p> <p><u>Desirable:</u> Knowledge of testing of different types of agricultural machineries, plant protection equipment etc. will be preferable.</p>	02 Years (Extendable)	35 Years	Rs. 20000/-

18	P-5318	IHP240004	Senior Project Associate Or Project Associate – I	01	<p><b>For Senior PAT :</b> (i) M.E. / M. Tech in Artificial Intelligence /Artificial Intelligence and Machine Learning/ Data Science/ Data Science &amp; Artificial Intelligence/Computer Science/ Data and Computational Sciences/Data Analytics/ Machine Intelligence &amp; Data Science/ Electronics/ Electrical/ Electronics and Communication / Electronics and Electrical/ Electronics and Instrumentation/ Information Technology or equivalent /allied subjects in all of above disciplines from a recognized University/ Institute.</p> <p style="text-align: center;">Or</p> <p>(ii) B.E. / B. Tech. in Computer Science/ Computer Applications/ / Data Science/ Electronics and Communication/ Electronics/ Electronics and Instrumentation/ Information Technology/ Mechatronics/Electronics and Electrical/ Electrical or equivalent/ allied subjects in all of above disciplines from a recognized University/ Institute.</p> <p style="text-align: center;">Or</p> <p>M.Sc. in Applied Mathematics/ Physics (Electronics) or equivalent from a recognized University/ Institute.</p> <p style="text-align: center;">And</p> <p>03 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p><u>Desirable:</u> Machine Learning/ Deep Learning; Computer Vision; Signal Processing; Programming in one of Python/C++/ Octave/Matlab; Knowledge of Embedded Systems.</p>	01 Year (Extendable)	40 Years	Rs. 42,000/-
					OR			
					<p><b>For PAT – I :</b> B.E. / B. Tech. in Computer Science/ Computer Applications/ Electronics and Communication/ Electronics/ Electronics and Instrumentation/ Information Technology/ Mechatronics/Electronics and Electrical/ Electrical/ Data Science or equivalent/ allied subjects in all of above disciplines from a recognized University.</p> <p style="text-align: center;">Or</p> <p>M.Sc. in Computer Science/ Computer Applications/Electronics/ Physics (Electronics), Radio Physics (Electronics), or equivalent from a recognized University.</p> <p><u>Desirable:</u> As mentioned above.</p>	01 Year (Extendable)	35 Years	<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>
19	P-5319	HCP-0042/01	Project Associate – I	01	<p><b>B.E. / B. Tech. in Electrical / Electronics / Instrumentation &amp; Communication from a recognized University.</b></p> <p><u>Desirable:</u> Experience in ANY ONE or MORE of the following will be of added advantage: Handling various sensors, controllers and drives for motors (DC, BLDC, Stepper etc.), Networking, Digital Signal Processing, Power Electronics, designing and building circuits and knowledge of instrumentation, measurement techniques, data acquisition, handling of discrete analog and digital devices/components, DSP controller, microcontroller boards (Raspberry Pi, Arduino, Jetson etc.), acquaintance of PCB design and circuit analysis software, knowledge of C/C++, or, Python, or, Matlab programming will be preferred.</p>	Up to 31.03.2025	35 Years	<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>

20	P-5320	GAP-241012	Project Associate – II Or Project Associate - I	01	<p><b>For PAT-I:</b> B.E. / B. Tech. in CSE / IT / Electrical &amp; Electronics / E&amp;I / ECE / or equivalent from a recognized University.</p> <p><u>Desirable:</u> Good knowledge/ experience in Hardware Programming/ Internet of Things/ Web Application Development or Machine Learning.</p>	Up to 12.10.2024 or co-terminus with project	35 Years	<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>
<b>OR</b>					<p><b>For PAT-II:</b> (i) B.E. / B. Tech. in CSE / IT / Electrical &amp; Electronics / E&amp;I / ECE / or equivalent from a recognized University and two years of research experience from a recognized Institution</p> <p style="text-align: center;">And</p> <p>2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services</p> <p style="text-align: center;">Or</p> <p>(ii) M.E. / M. Tech. in CSE / IT / Electrical &amp; Electronics / E&amp;I / ECE / or equivalent from a recognized University.</p> <p><u>Desirable:</u> As mentioned above.</p>	Up to 12.10.2024 or co-terminus with project	35 Years	<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>
21	P-5321	GAP-245012	Project JRF Or Project Associate – II Or Project Associate – I	01	<p><b>For Project JRF:</b> B.E. / B. Tech. / M.E. / M. Tech Mechanical / Chemical / Power / Energy / Aerospace Engineering/ Mechatronics 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><u>Desirable:</u> 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. 37000/-
<b>OR</b>					<p><b>For PAT – I:</b> B.E. / B. Tech. in Mechanical / Chemical / Power / Energy / Aerospace Engineering / Mechatronics from a recognized University.</p> <p><u>Desirable:</u> As mentioned above.</p>	Up to 31.12.2025 (Extendable)	35 Years	<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>
<b>OR</b>					<p><b>For PAT-II:</b> (i) B.E. / B. Tech. in Mechanical / Chemical / Power / Energy / Aerospace Engineering / Mechatronics from a recognized University or equivalent</p> <p style="text-align: center;">And</p> <p>2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services</p> <p style="text-align: center;">. Or</p> <p>(ii) M.E. / M. Tech. in Mechanical / Chemical / Power / Energy / Aerospace Engineering / Mechatronics from a recognized University or equivalent.</p> <p><u>Desirable:</u> As mentioned above.</p>	Up to 31.12.2025 (Extendable)	35 Years	<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>

22	P-5322	GAP 240412	Project Associate – I	01	<p>B.E. / B. Tech. in Computer Science &amp; Engineering / Electronics and Communication Engineering / Electrical Engineering / Mechatronics / Information Technology or equivalent from a recognized university.</p> <p style="text-align: center;">Or</p> <p>MSc. in Applied Physics / Physics / Applied Mathematics / Mathematics from a recognized university.</p> <p><b>Desirable:</b> Programming knowledge in C/C++/Python, Analog and Digital Communication Power system design, Control System Design etc.</p>	08 Months (Extendable)	35 Years	<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>
23	P-5323*	MMIP0152021/15	Project Scientist – I Or Senior Project Associate	01	<p><b>For Project Scientist – I:</b> M.E. / M. Tech. in Robotics/ Robotics and Automation/ Mechatronics/ Mechanical/ Electronics/ Electrical/ Electronics and Communication / Electronics and Electrical/ Computer Science / Intelligent Systems/ Control Systems/ Design/ Machine Design/ Mechanical Design/ Mechanics and Design/ or equivalent /allied subjects in all of above disciplines from a recognized University or equivalent</p> <p style="text-align: center;">and</p> <p>4 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p><b>Desirable:</b> Experience in ANY ONE or MORE of the following will be of added advantage: Knowledge in Robotics, Robot path/Motion planning, Robot mechanics and design, Robot dynamics and algorithms, Control Systems/ Robot Control, Robot programming, ROS, Matlab/ Octave; Hardware system integration; Hand-on experience on any robotic platform/ device.</p>	01 Year (Extendable)	35 Years	Rs. 56000 /- with Increment of 5% for every 2 years of experience in the same project.
				OR	<p><b>Senior PAT:</b> (i) M.E. / M. Tech. in Robotics/ Robotics and Automation/ Mechatronics/ Mechanical/ Electronics/ Electrical/ Electronics and Communication / Electronics and Electrical/ Computer Science / Intelligent Systems/ Control Systems/ Design/ Machine Design/ Mechanical Design/ Mechanics and Design/ or equivalent /allied subjects in all of above disciplines from a recognized University</p> <p style="text-align: center;">Or</p> <p>(ii) B.E. / B. Tech. in Mechanical/ Aerospace/ Aeronautical/ Production/ Mechatronics/ Electrical/ Electronics/ Electronics and Communication / Electronics and Electrical/ Electronic and Instrumentation or equivalent/ allied subjects in all of above disciplines from a recognized University</p> <p style="text-align: center;">and</p> <p>3 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p><b>Desirable:</b> As mentioned above.</p>	01 Year (Extendable)	40 Years	Rs. 42000/-
24	P-5224*	MMIP0152021/15	Project Associate – I	02	<p>B.E. / B. Tech. in Electronics/ Electronics and Instrumentation/ Electronics and Communication/ Electronics and Electrical/ Electrical/ Mechatronics/ or equivalent/ allied subjects in all of above disciplines from a recognized University/ Institute.</p> <p style="text-align: center;">OR</p> <p>M.Sc. in Electronics/ Physics (Electronics), Radio Physics (Electronics), or equivalent from a recognized University.</p> <p><b>Desirable :</b> Experience in ANY ONE or MORE of the following will be of added advantage: Handling various sensors, controllers and drives for motors; Power Electronics and Control System; Analog &amp; Digital circuit design; Microcontroller/ Embedded board programming; Acquaintance of PCB design and circuit analysis software; Knowledge of ROS, C/C++, or, Python, or, Matlab programming</p>	01 Year (Extendable)	35 Years	<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>



25	P-5225*	MMPO15202/1/5	Project Associate – I	01	<p>B.E. / B. Tech. in Mechanical/ Aerospace/ Aeronautical/ Production/ Mechatronics or equivalent/ allied subjects in all of above disciplines from a recognized University.</p> <p><b>Desirable:</b> Experience in ANY ONE or MORE 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>	01 Year (Extendable)	35 Years	<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>
26	P-5326*	MMPO15202/2/3	Project Scientist – I Or Senior Project Associate	01	<p><b>For Project Scientist – I:</b> M.E. / M. Tech. in Robotics/ Robotics and Automation/ Mechatronics/ Mechanical/ Electronics/ Electrical/ Electronics and Communication / Electronics and Electrical/ Computer Science / Intelligent Systems/ Control Systems/ Design/ Machine Design/ Mechanical Design/ Mechanics and Design/ or equivalent /allied subjects in all of above disciplines from a recognized University  and  4 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.  <b>Desirable:</b> Experience in ANY ONE or MORE of the following will be of added advantage:  Knowledge in Robotics, Computer Vision, Robot path/Motion planning, Robot mechanics and design, Robot dynamics and algorithms, Control Systems/ Robot Control, Robot programming, ROS, Matlab/ Octave; Hardware system integration; Hand-on experience on any robotic platform/ device.</p> <p style="text-align: center;">OR</p> <p><b>For Senior PAT:</b> (i) M.E. / M. Tech. in Robotics/ Robotics and Automation/ Mechatronics/ Mechanical/ Electronics/ Electrical/ Electronics and Communication / Electronics and Electrical/ Computer Science / Intelligent Systems/ Control Systems/ Design/ Machine Design/ Mechanical Design/ Mechanics and Design/ or equivalent /allied subjects in all of above disciplines from a recognized University.  Or  (ii) B.E. / B. Tech. in Mechanical/ Aerospace/ Aeronautical/ Production/ Mechatronics/ Electrical/ Electronics/ Electronics and Communication / Electronics and Electrical/ Electronic and Instrumentation or equivalent/ allied subjects in all of above disciplines from a recognized University/ Institute  And  3 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.  <b>Desirable:</b> As mentioned above.</p>	01 Year (Extendable)	35 Years	Rs. 56000 /- with Increment of 5% for every 2 years of experience in the same project.
27	P-5327*	MMPO15202/2/3	Project Associate – I	01	<p>B.E. / B. Tech. in Computer Science/ Computer Applications/ Electronics and Communication/ Electronics/ Electronics and Instrumentation/ Information Technology/ Mechatronics/Electronics and Electrical/ Electrical/ Data Science or equivalent/ allied subjects in all of above disciplines from a recognized University/ Institute  Or  Master in Computer Application (MCA) / M.Sc. in Computer Science/ Computer Applications/Electronics/ Physics (Electronics), Radio Physics (Electronics), or equivalent from a recognized University/ Institute.  <b>Desirable:</b> Experience in ANY ONE or MORE of the following will be of added advantage:  Machine Learning/ Deep Learning; Computer Vision; Signal Processing; Programming in one of Python/C++/ Octave/Matlab; Programming in ROS; Knowledge of Embedded Systems.</p>	01 Year (Extendable)	35 Years	<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>

28	P-5328*	MMP015202/2/3	Project Associate – I	01	<p>B.E. / B. Tech. in Mechanical/ Aerospace/ Aeronautical/ Production/ Mechatronics or equivalent/ allied subjects in all of above disciplines from a recognized University.</p> <p><u>Desirable:</u> Experience in ANY ONE or MORE 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>	01 Year (Extendable)	35 Years	<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-5329*	MMP015202/2/3	Project Assistant –II	01	<p>Three years Diploma in Mechanical Engineering from a recognized University.</p> <p><u>Desirable:</u> Experience in ANY ONE or MORE of the following will be of added advantage: Hands-on experience in Mechanical fitting and assembly and system integration; Knowledge in machine drawing/ drafting/ Autocad/ Solid Modeling.</p>	01 Year (Extendable)	35 Years	Rs. 20000/-
30	P-5330*	MMP015202/2/3	Project Assistant -II	01	<p>Three years Diploma in Electrical / Electronics Engineering from a recognized University.</p> <p><u>Desirable :</u> Hands-on experience in electronic/electrical assembly, PCB design and assembly and soldering work; knowledge of digital and analog circuits; handling DC/BLDC/AC motors and drives/ sensors</p>	01 Year (Extendable)	35 Years	Rs. 20000/-
31	P-5331*	MMP015202/3/1	Project Scientist – I Or Principal Project Associate Or Senior Project Associate	01	<p><u>For Project Scientist – I:</u> M.E. / M. Tech. in Electrical, (Applied) Electronics and Instrumentation Engineering, Electrical and Electronics, Electronics, Power electronics, Control Systems, Mechatronics/ Robotics and/or allied subjects in all of above disciplines from a recognized University or equivalent and</p> <p>4 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p><u>Desirable:</u> Precision motor control (DC/ BLDC etc.) and motor driver/ handling miniature motors/ non-conventional actuation (piezoelectric/pneumatic/ultrasonic)/ power electronics/ voltage/current amplifier design.</p>	01 Year (Extendable)	35 Years	Rs. 56000 /- with Increment of 5% for every 2 years of experience in the same project.
					OR			
					<p><u>For Principal PAT:</u> Ph.D. / M.E. / M. Tech. in Electrical/ (Applied) Electronics and Instrumentation Engineering/ Electrical and Electronics/ Electronics/ Power electronics/ Control Systems/ Mechatronics/ Robotics and/or allied subjects in all of above disciplines from recognized University or equivalent and</p> <p>3 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p><u>Desirable:</u> As mentioned above.</p>	01 Year (Extendable)	40 Years	Rs. 49,000/-
					OR			
					<p><u>For Senior PAT:</u> (i) M.E. / M. Tech. in Electrical/ (Applied) Electronics and Instrumentation Engineering / Electrical and Electronics/ Electronics / Power electronics, Control Systems, Mechatronics/ Robotics and/or allied subjects in all of above disciplines from recognized University or equivalent.</p> <p>OR</p> <p>(ii) B.E. / B. Tech. in Electronics/ Electronics and Instrumentation/ Electronics and Communication/ Electronics and Electrical/ Electrical/ Mechatronics/ or equivalent/ allied subjects in all of above disciplines from recognized University or equivalent</p> <p>And</p> <p>03 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p><u>Desirable:</u> As mentioned above.</p>	01 Year (Extendable)	40 Years	Rs. 42,000/-

32	P-5332*	MMNP015202/3/1	Project Scientist – I Or Principal Project Associate Or Senior Project Associate	01	<p><b>For Project Scientist – I:</b> M.E. / M. Tech. in Robotics/ Robotics and Automation/ Mechatronics/ Mechanical/ Design/ Machine Design/ Mechanical Design/ Mechanics and Design/ Electronics / Electrical / Electronics and Communication / Electronics and Electrical / Control Systems or equivalent /allied subjects in all of above disciplines from a recognized University or equivalent.</p> <p style="text-align: center;">and</p> <p>4 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p><u>Desirable:</u> Knowledge in Robotics, Robot mechanics and design, Robot dynamics and algorithms, Control Systems/ Robot Control, Matlab/ Octave; Solid Modeling Software (e.g. Solidworks/ CATIA etc.), Analysis software (e.g. ANSYS/ ADAMS etc.). Hardware system integration; Hands-on experience on any robotic platform/ Medical device</p>	01 Year (Extendable)	35 Years	Rs. 56000 /- with Increment of 5% for every 2 years of experience in the same project.
OR					<p><b>For Principal PAT:</b> Ph.D / M.E. / M. Tech. in Robotics/ Robotics and Automation/ Mechatronics/ Mechanical/ Design/ Machine Design/ Mechanical Design/ Mechanics and Design/ Electronics / Electrical / Electronics and Communication / Electronics and Electrical / Control Systems or equivalent /allied subjects in all of above disciplines from a recognized University or equivalent /allied subjects in all of above disciplines from a recognized University or equivalent</p> <p style="text-align: center;">and</p> <p>3 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p><u>Desirable:</u> As mentioned above.</p>	01 Year (Extendable)	40 Years	Rs. 49,000/-
OR					<p><b>For Senior PAT:</b> (i) M.E. / M. Tech. in Robotics/ Robotics and Automation/ Mechatronics/ Mechanical/ Design/ Machine Design/ Mechanical Design/ Mechanics and Design / Electronics / Electrical / Electronics and Communication / Electronics and Electrical / Control Systems or equivalent /allied subjects in all of above disciplines from a recognized University or equivalent</p> <p style="text-align: center;">OR</p> <p>(ii) B.E. / B. Tech. in Mechanical/ Aerospace/ Aeronautical/ Production/ Mechatronics / Electronics / Electrical / Electronics and Communication / Electronics and Electrical / Electronics and Instrumentation or equivalent /allied subjects in all of above disciplines from a recognized University or equivalent</p> <p style="text-align: center;">And</p> <p>03 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p><u>Desirable:</u> As mentioned above</p>	01 Year (Extendable)	40 Years	Rs. 42,000/-
33	P-5333*	MMNP015202/3/1	Project Associate – I	01	<p>B.E. / B. Tech. in Electronics and allied subjects/ Electrical / (Applied) Electronics and Instrumentation Engineering/ Electrical and Electronics/ or allied subjects in all of above disciplines from a recognized University.</p> <p style="text-align: center;">OR</p> <p>M.Sc. in Electronics/ Physics (Electronics) / Radio Physics (Electronics)/ or equivalent from a recognized University.</p> <p><u>Desirable:</u> Electronics instrumentation related to embedded electronics, hybrid actuation, system integration, micro motor control, handling DC/BLDC motors and drives/ sensors.</p>	01 Year (Extendable)	35 Years	<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-5334*	MMP015202/1/1	Project Associate – I	01	B.E. / B. Tech. in Mechanical / Production Engineering from a recognized University.  <u>Desirable:</u> Solid modelling and analysis using commercial packages / Drafting / Standards/ Exposure to manufacturing technology.	02 Years (Extendable)	35 Years	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.
35	P-5335*	MMP015202/1/3	Project Assistant - II	01	Three years Diploma in Agricultural / Mechanical / Production Engineering from a recognized University.  <u>Desirable :</u> Proficiency in Solid modeling / Drafting using commercial software, Exposure to Manufacturing Technology / Agricultural machinery & implements	02 Years (Extendable)	35 Years	Rs. 20000/-
36	P-5336*	MMP015202 /1/6	Project Associate – I	01	B.E. / B. Tech. in Electrical Engineering / Instrumentation / Electronics and Instrumentation / Electronics and Electrical / Electronics and Communication Engineering or equivalent from a recognized University.  <u>Desirable:</u> Hardware-level Knowledge, Control, programming in Python/ MATLAB/ LabVIEW etc. will be preferred.	01 Year (Extendable)	35 Years	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.
37	P-5337*	MMP015202 /1/6	Project Associate – I	01	B.E. / B. Tech. in Mechanical Engineering from a recognized University.  <u>Desirable:</u> Mechanical design, Programming in MATLAB / Python, knowledge in CATIA / SolidWorks etc. will be preferred.	01 Year (Extendable)	35 Years	Rs. 25,000/-
38	P-5338*	MMP015202 /1/6	Project Assistant -II	01	Three years Diploma in Mechanical Engineering from a recognized University.  <u>Desirable:</u> Knowledge in CNC programming, machine drawing in AutoCAD / Solid Modelling will be preferred.	01 Year (Extendable)	35 Years	Rs. 20000/-
39	P-5339*	MMP015202 /1/6	Project Assistant –II	01	Three years Diploma in Electrical / Instrumentation / Electronics Engineering from a recognized University.  <u>Desirable:</u> Knowledge in PCB, Electronics components will be preferred.	01 Year (Extendable)	35 Years	Rs. 20000/-
40	P-5340*	MMP015202/1/2	Project Associate – I	01	B.E. / B. Tech. in Mechanical / Production Engineering from a recognized University.  <u>Desirable:</u> Knowledge of Design & Analysis, Solid Modelling in CAD software, exposure in manufacturing technology.	02 Year (Extendable)	35 Years	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.
41	P-5341*	MMP015202/1/4	Project Associate – I	01	B.E. / B. Tech. in Mechanical / Production / Manufacturing Engineering from a recognized University.  <u>Desirable:</u> Proficiency in the field of Machine Design, 3D CAD modeling (Solid work / Inventor), Basic Calculations and Analysis, prototype development & field testing.	02Year (Extendable)	35 Years	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.
42	P-5342*	MMP015202/1/4	Project Associate – I	01	B.E. / B. Tech. in Electrical and Electronics / Mechanical / Manufacturing / Electronics and Communication Engineering from a recognized University.  <u>Desirable:</u> Proficiency in the field of IIoT, Machine Learning, Programming 3D CAD modeling, prototype development & filed testing.	02Year (Extendable)	35 Years	Rs. 25,000/-

43	P-5343*	MMMP015202/1/4	Project Assistant -II	01	<p>Three years Diploma in Mechanical Engineering from a recognized University.</p> <p><u>Desirable:</u> Proficiency in foundry practice, casting of components, knowledge in mechanical testing.</p>	02 Years (Extendable)	35 Years	Rs. 20,000/-
44	P-5344*	MMMP015202/2/5	Project Associate – I Or Project Associate -II	02	<p><u>For PAT – I:</u> B.E. / B. Tech. in Electrical Engineering / Electrical &amp; Electronics Engineering / Electronics Engineering / Electronics &amp; Communication Engineering / Electronics &amp; Instrumentation Engineering or equivalent from a recognized university.</p> <p><u>Desirable :</u> Knowledge of Power Electronic design, development and testing, motor control, MATLAB/SIMULINK simulation, embedded programming using model-based design, microcontroller programming etc.</p>	Up to 31 <sup>st</sup> March 2025 (Extendable)	35 Years	Rs. 25000/-
					<p style="text-align: center;">Or</p> <p><u>For PAT – II:</u> (i) B.E. / B. Tech. in Electrical Engineering / Electrical &amp; Electronics Engineering / Electronics Engineering / Electronics &amp; Communication Engineering / Electronics &amp; Instrumentation Engineering or equivalent from a recognized university</p> <p style="text-align: center;">And</p> <p>02 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p> <p style="text-align: center;">Or</p> <p>(ii) M.E./ M. Tech. in Electrical Engineering / Electrical &amp; Electronics Engineering / Electronics Engineering / Electronics &amp; Communication Engineering / Electronics &amp; Instrumentation Engineering or equivalent from a recognized University.</p> <p><u>Desirable:</u> As mentioned above.</p>	Up to 31 <sup>st</sup> March 2025 (Extendable)	35 Years	Rs. 28000/-
45	P-5345*	MMMP015202/2/5	Project Associate – I	02	<p>B.E. / B. Tech. in Mechanical Engineering or equivalent from a recognized University.</p> <p><u>Desirable :</u> Product / Machine Design, CAD (2D &amp; 3D), good understanding of mechanical mechanisms and basic knowledge of hydraulic attachments for vehicles.</p>	Up to 31 <sup>st</sup> March 2025 (Extendable)	35 Years	Rs. 25000/-
46	P-5346*	MMMP015202/2/5	Project Associate – I	01	<p>B.E. / B. Tech. in Mechanical Engineering or equivalent from a recognized university.</p> <p><u>Desirable:</u> Basic understanding of FEA, multibody dynamics software</p>	Up to 31 <sup>st</sup> March 2025 (Extendable)	35 Years	Rs. 25000/-
47	P-5347*	MMMP015202/2/5	Project Associate – I	01	<p>B.E. / B. Tech. in Computer Science &amp; Engineering/ Electronics / Electronics &amp; Communication from a recognized University.</p> <p><u>Desirable:</u> Basic knowledge of Microcontroller programming, Circuit Design sensor and actuator interfacing, GUI development.</p>	Up to 31 <sup>st</sup> March 2025 (Extendable)	35 Years	Rs. 25000/-
48	P-5348*	MMMP015202/2/5	Project Assistant - II	01	<p>Three years Diploma in Mechanical Engineering or equivalent from a recognized University.</p> <p><u>Desirable:</u> Knowledge of mechanical fitting, assembly, manufacturing processes, machining operations, understanding of 2D drawings/drafting and basic knowledge of vehicle components.</p>	Up to 31 <sup>st</sup> March 2025 (Extendable)	35 Years	Rs. 20,000/-

49	P-5349*	MMMP015202/2/5	Project Assistant - II	01	<p>Three years Diploma in Mechanical Engineering or equivalent from a recognized University.</p> <p><u>Desirable:</u> Under Standing of Engineering CAD and 2D drafting. Prototype Development &amp; Field testing.</p>	Up to 31 <sup>st</sup> March 2025 (Extendable)	35 Years	Rs. 20,000/-
50	P-5350*	MMMP015202/2/5	Project Assistant - II	01	<p>Three years Diploma in Electrical / Electronics Engineering or equivalent from a recognized University.</p> <p><u>Desirable:</u> Knowledge in electrical circuits and components, prototype assembly, PCB soldering etc.</p>	Up to 31 <sup>st</sup> March 2025 (Extendable)	35 Years	Rs. 20,000/-
51	P-5351	IHP240003	Project Associate – II	01	<p>(i) 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</p> <p>And</p> <p>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>(ii) M.E. / M. 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.</p> <p><u>Desirable:</u> Knowledge in Ansys Motor CAD, ANSYS Software, Electric motors design and fabrication, Knowledge of different manufacturing processes and experience of generating drawings with appropriate GD&amp;T using Autodesk AutoCAD .</p>	Up to 31 <sup>st</sup> March 2026	35 Years	Rs. 28,000/-
52	P-5352	IHP240003	Project Associate – I or Project Associate – II	01	<p><u>For PAT – I:</u> 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.</p> <p><u>Desirable:</u> Power Electronic Converters development, Motor controller's, PCB designing, hands on experience in tools MATLAB/SIMULINK simulation, LTSPICE. Knowledge on PCB manufacturing tools, SMD soldering and design practices, testing of hardware circuits.</p>	Up to 31 <sup>st</sup> March 2026	35 Years	Rs. 25,000/-
					<p>Or</p> <p><u>For PAT – II:</u></p> <p>(i) 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</p> <p>And</p> <p>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>(ii) M.E. / M. 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.</p> <p><u>Desirable:</u> As mentioned above.</p>	Up to 31 <sup>st</sup> March 2026	35 Years	Rs. 28,000/-

53	P-5353	IHP240003	Project Associate – I	01	<p><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.</b></p> <p><b>Desirable:</b> Power Electronic Converters development, Motor controller's, hands on experience in tools MATLAB/SIMULINK simulation. Knowledge on different microcontroller boards, embedded C programming, analog and digital circuits.</p>	Up to 31 <sup>st</sup> March 2026	35 Years	Rs. 25,000/-
54	P-5354	IHP240003	Project Associate – I	01	<p><b>B.E. / B. Tech. in Mechanical Engineering from a recognized University.</b></p> <p><b>Desirable:</b> Knowledge in n Dassault CATIA/ SolidWorks/ Autodesk Inventor/ Siemens NX. Knowledge of different manufacturing processes and experience of generating manufacturing drawings with appropriate GD&amp;T using Autodesk AutoCAD.</p>	Up to 31 <sup>st</sup> March 2026	35 Years	Rs. 25,000/-
55	P-5355	GAP 245512	Project SRF	01	<p><b>B.E. / B. Tech. / M.E. / M. Tech. in Computer Science / Electronics / Instrumentation/ Electronics and Communication/ Electronics and Instrumentation / Electronics and Electrical/ Electrical/ Information Technology/ Mechatronics/ Biomedical Engineering Or M. Sc. in Physics (Electronics), Radio Physics, or equivalent/ Computer Application/ Data Engineering from a recognized University with two years' of research experience and selected through a process described through any one of the following:</b></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> Experience in ANY ONE or MORE of the following will be of added advantage: Machine Learning/ Deep Learning, Data engineering, Signal Processing, Programming in one of Python/C++/ Octave/Matlab, Knowledge of Embedded Systems, Hands-on-experience in hardware integration, sensor characterization, Biomedical instrumentation.</p>	01 Year (Extendable)	32 Years	Rs. 42,000/-
56	P-5356	GAP 245512	Project SRF	01	<p><b>B.E. / B. Tech. / M.E. / M. Tech. in Mechanical/ Aerospace/ Aeronautical Engineering/ Mechatronics/ Biomedical Eng., from a recognized University with two years' of research experience and selected through a process described through any one of the following:</b></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> Experience in ANY ONE or MORE of the following will be of added advantage: Knowledge in Solid and Analytical Mechanics, Mechanisms and Theory of Machines, Machine Design, Octave/ Matlab programming, Solid modeling software (any of Solidworks, CATIA, Inventor etc.) and/or drafting (AutoCAD etc.) and/or Analysis software (any of ANSYS, Abaqus, Marc etc.) and/or other Dynamics modelling and analysis software (ADAMS, ANSYS Motion etc.). Hands-on experience of experimentations and mechanical fitting and assembly work will be preferred.</p>	01 Year (Extendable)	32 Years	Rs. 42,000/-

57	P-5357*	GAP-235112	Project JRF or Project Associate – I	01	<p><b>For Project JRF:</b> B.E. / B. Tech. / M.E. / M. Tech. in Mechanical / Electrical 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>	Up to 22.03.2025	28 Years	Rs. 37,000/-
					OR			
					<p><b>For PAT – I :</b> B.E. / B. Tech. in Mechanical / Electrical Engineering from a recognized University.</p>	Up to 22.03.2025	35 Years	<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>
58	P-5358	GAP237112	Project Assistant-II	01	<p>B.Sc./ 3 Years Diploma in Computer Science/ CSE/ Information Technology/ ECE/ E&amp;I from a recognized University.</p> <p><b>Desirable:</b> Good knowledge/ experience in Internet of Things/Cloud Computing/ Web Application Development/Computer Programming.</p>	Up to 28.02.2025	35 Years	Rs. 20,000/-

59	P-5359*	MMP015202/1/1, MMP015202/1/2, MMP015202/1/4, MMP015202/1/6, MMP015202/2/3, MMP015202/2/5 & MMP015202/3/1	Project Assistant-II	07 (01 post for each Project)	<p>Bachelor of Science (B.Sc.) in any discipline from a recognized University.</p> <p><b>Desirable:</b> Proficiency in writing English and working knowledge in computer with MS-Office software / date entry record management etc.</p>	02 Years (Extendable)	35 Years	Rs. 20,000/-
60	P-5360*	MMP015202/1/4	Project Assistant – I	01	SSC / 10 <sup>th</sup> plus ITI in Electrician.	02 Years (Extendable)	35 Years	Rs. 18,000/-
61	P-5361*	DST Sponsored Project	Project Assistant – II	01	<p>Bachelor of Science (B.Sc.) in any discipline / 3 Years Diploma in Mechanical / Electrical / Electronic Engineering from a recognized University.</p> <p><b>Desirable:</b> Proficiency in English / technical writing and computer knowledge like MS Office etc.</p>	01 Year	35 Years	Rs. 20,000/-

\*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। ऊपर 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-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 upto 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/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; 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 for appearing for the Walk-In-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.

## Schedule of Walk-in-Interview

Sl. No.	Post Code No.	Date of Walk-in-Interview	Reporting Time	Venue
I	P-5301, P-5302, P-5305, P-5306, P-5307, P-5308, P-5310, P-5311, P-5315, P-5316, P-5321, P-5325, P-5328, P-5334, P-5335, P-5337, P-5340, P-5341, P-5345, P-5346, P-5354, P-5356, P-5357	30.09.2024 (Monday)	09:30 AM to 11:00 AM	CSIR – Central Mechanical Engineering Research Institute, Mahatma Gandhi Avenue, Durgapur - 713 209, West Bengal
II	P-5304, P-5309, P-5314			
III	P-5303, P-5313, P-5318, P-5319, P-5320, P-5322, P-5323, P-5324, P-5326, P-5327, P-5331, P-5332, P-5333, P-5336, P-5342, P-5344, P-5347, P-5351, P-5352, P-5353, P-5355	01.10.2024 (Tuesday)		
IV	P-5312, P-5317, P-5329, P-5330, P-5338, P-5339, P-5343, P-5348, P-5349, P-5350, P-5358, P-5359, P-5360, P-5361			

**प्रशासनिक अधिकारी /  
Administrative Officer**