



CSIR - INSTITUTE OF MINERALS & MATERIALS TECHNOLOGY

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Advertisement No. – PME/P83/2026

Date: 06.05.2026

CSIR – Institute of Minerals and Materials Technology invites online applications from bonafide Indian citizens for various project **positions purely on temporary basis and co-terminus with the duration of the project** as per the details furnished below.

Post Code	Project No, Title of the Project and Duration of the Project	Name of the Post and Monthly Emoluments (In Rs.)	No of Posts	Essential Qualification	Job Requirement / Desirable Qualification	Max. Age as on the last date of receipt of application
8301	Project No: IHP 000014 Title: Design of membrane reactors for green hydrogen production via ammonia decomposition. Sponsoring Agency: CSIR Duration up to: 31.03.2027	Project Assistant - II (PA - II) Emoluments: Rs. 20,000/- + (HRA @20%)	01	B.Sc. in Chemistry.	Experience in materials synthesis and characterization.	35 years

8302	<p>Project No: OLP - 155</p> <p>Title: Polyoxometalate derived composite materials for efficient conversion of carbon dioxide in to value added chemicals.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Chemistry/ Applied Chemistry.	Knowledge in chemical synthesis and basic analytical techniques.	35 years
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8303	<p>Project No: GAP - 410</p> <p>Title: Integrated bio & hydrometallurgical techniques for the recovery of metals from spent battery waste & recycling waste water.</p> <p>Sponsoring Agency: IGSTC India.</p> <p>Duration up to: 30.08.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: (i) Rs. 31,000/- + HRA @20% for those candidates who have qualified CSIR-UGC/ICAR/ICMR/NET including 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>Or</p> <p>(ii) Rs. 25,000/- + HRA @20% for candidates who do not fall under (i) above.</p>	01	M.Sc. in Chemistry.	Knowledge of mineral processing.	35 years
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8304	<p>Project No: GAP - 427</p> <p>Title: Recovery of Nb₂O₅ and Ta₂O₅ from tin ore/slag through a fluoride free process.</p> <p>Sponsoring Agency: Ministry of Mines.</p> <p>Duration up to: 30.06.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Chemistry.	<p>Knowledge in hydrometallurgical unit operations, leaching, precipitation, roasting and calcination.</p>	35 years
8305	<p>Project No: OLP - 163</p> <p>Title: Lithium recovery from the low grade Zinnwaldite resources of Rajasthan.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Chemistry/ Applied Chemistry.	<p>Knowledge in flotation chemistry.</p>	35 years

8306	<p>Project No: OLP - 160</p> <p>Title: Development of cost-effective and eco-friendly bio-functionalized nan composites towards mitigation of arsenic from drinking water.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Chemistry.	Removal of arsenic from drinking water by absorption technique.	35 years
8307	<p>Project No: OLP - 151</p> <p>Title: Development of highly dispersible silica (HDS) from rice husk ash for green tyres and other industrial applications.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Chemistry.	Knowledge in synthesis, characterization and analysis.	35 years

8308	<p>Project No: SSP - 410</p> <p>Title: Characterization of coal core samples of CMPDIL, Bhubaneswar.</p> <p>Sponsoring Agency: CMPDIL</p> <p>Duration up to: 31.12.2026</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Chemistry.	Coal/coke and ash characterization.	35 years
8309	<p>Project No: OLP - 147</p> <p>Title: Harnessing pyro-phototronic effect to enhance photo detection from hybrid halide perovskites.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Chemistry.	Knowledge in chemical synthesis, characterization and device fabrications of different materials, semiconductor materials, ferroelectric materials and perovskite materials etc.	35 years

8310	<p>Project No: FTT - 01</p> <p>Title: Scaling up the process for recovery of Molybdenum from spent catalyst.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	03	M.Sc. in Chemistry.	Extraction of metal values, hydrometallurgy and chemical analysis.	35 years
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8311	<p>Project No: GAP - 440</p> <p>Title: Generation of dynamic covalent libraries of self-sorted chemo sensors for selective metal ion detection and their implementation in the extraction of metal values.</p> <p>Sponsoring Agency: ANRF</p> <p>Duration up to: 27.03.2029</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 37,000/- + (HRA @20%)</p>	01	<p>i. M.Sc. in Chemistry.</p> <p>ii. Should have qualified in CSIR-UGC/ICAR/ICMR/NET including lectureship/assistant professorship or GATE OR have qualified in national level examinations conducted by Central Government Departments like DBT/DST or equivalent and/or their agencies/Institutions.</p>	<p>Synthesis of organic compounds fluorescence spectroscopy.</p>	50 years
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8312	<p>Project No: FTT - 03</p> <p>Title: Development of process for continuous production of instant magnetite nano particles from mill scale for toner applications.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Chemistry.	To undertake R&D work on leaching of Fe, precipitation, different drying methods, milling and testing and characterization of raw material and products.	35 years
8313	<p>Project No: FTT - 04</p> <p>Title: Recovery of sillimanite values from the low grade quartz sillimanite schists.</p> <p>Sponsoring Agency: Innovation Management Directorate, CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Chemistry.	Knowledge in the chemical analysis of ore samples.	35 years

8314	<p>Project No: FBR - 02</p> <p>Title: Characterization and beneficiation of REE bearing minerals from a novel potential primary resource.</p> <p>Sponsoring Agency: Innovation Management Directorate, CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Chemistry.	Knowledge in the chemical analysis of ore samples.	35 years
8315	<p>Project No: FBR - 03</p> <p>Title: Self powered chiral halide perovskite semiconducting nano generator.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Chemistry/ Material Science.	Knowledge in chemical synthesis of semiconductor materials, perovskite materials etc.	35 years

8316	<p>Project No: FBR - 03</p> <p>Title: Self powered chiral halide perovskite semiconducting nano generator.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - II (PAT - II)</p> <p>Emoluments: Rs. 28,000/- + (HRA @20%)</p>	01	<p>i. M.Sc. in Chemistry/ Material Science.</p> <p>ii. Two years of relevant experience in research and development in industrial/academic institutions or S&T organizations and scientific activities and services.</p>	<p>Knowledge in chemical synthesis of semiconductor materials, perovskite materials etc.</p>	35 years
8317	<p>Project No: FBR - 01</p> <p>Title: Development of inorganic binder from iron ore tailings for sustainable agglomeration.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - II (PAT - II)</p> <p>Emoluments: Rs. 28,000/- + (HRA @20%)</p>	01	<p>i. M.Sc. in Chemistry.</p> <p>ii. Two years of relevant experience in Research and development in industrial/academic institutions or S&T organizations and scientific activities and services.</p>	<p>R&D/Industry experience in chemical analysis.</p>	35 years

8318	<p>Project No: IHP 000014</p> <p>Title: Design of membrane reactors for green hydrogen production via ammonia decomposition.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Senior Project Associate (S - PAT)</p> <p>Emoluments: Rs. 42,000/- + (HRA @20%)</p>	01	<p>i. M.Sc. in Chemistry. ii. Three years of relevant 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>i. PhD in Chemistry. ii. Two years of relevant experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p>	Experience in photo catalysis or electro catalysis.	40 years
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8319	<p>Project No: FTT - 04</p> <p>Title: Recovery of sillimanite values from the low grade quartz sillimanite schists.</p> <p>Sponsoring Agency: Innovation Management Directorate, CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Senior Project Associate (S - PAT)</p> <p>Emoluments: Rs. 42,000/- + (HRA @20%)</p>	01	<p>i. M.Sc. in Chemistry.</p> <p>ii. Three years of relevant experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p>	<p>Knowledge in the chemical analysis of ore samples, proficiency in conducting beneficiation experiments and analyzing the experimental data.</p>	40 years
8320	<p>Project No: FTT - 02</p> <p>Title: Scale up and process validation for high – purity battery grade graphite recovery from spent pot liner waste.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Senior Project Associate (S - PAT)</p> <p>Emoluments: Rs. 42,000/- + (HRA @20%)</p>	01	<p>i. M.Sc. in Nanoscience.</p> <p>ii. Three years of relevant experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p>	<p>Understanding of carbon materials and wet chemical processing, leaching chemistry and purification techniques.</p>	40 years

8321	<p>Project No: FBR - 03</p> <p>Title: Self powered chiral halide perovskite semiconducting nano generator.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Senior Project Associate (S - PAT)</p> <p>Emoluments: Rs. 42,000/- + (HRA @20%)</p>	01	<p>i. M.Sc. in Chemistry/Material Science/Physics.</p> <p>ii. Three years of relevant 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>i. PhD in Chemistry/ Material Science/ Physics.</p> <p>ii. Two years of relevant experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p>	<p>i. Publication/patents in designing halide perovskites, semiconductor materials, polymeric composites, quantum dots synthesis, self-assembly and related areas.</p> <p>ii. Experience in photovoltaics and other energy harvesting devices etc.</p>	40 years
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8322	<p>Project No: FTT - 04</p> <p>Title: Recovery of sillimanite values from the low grade quartz sillimanite schists.</p> <p>Sponsoring Agency: Innovation Management Directorate, CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Geology.	Knowledge in the characterization of ore samples.	35 years
8323	<p>Project No: FBR - 02</p> <p>Title: Characterization and beneficiation of REE bearing minerals from a novel potential primary resource.</p> <p>Sponsoring Agency: Innovation Management Directorate, CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Geology.	Knowledge in the characterization of ore samples.	35 years

8324	<p>Project No: SSP - 567</p> <p>Title: Petrography, mineralogy and bulk density studies of different lithology and size recovery percentage for different ore type of all working mines of different commodity of OMC Ltd.</p> <p>Sponsoring Agency: Odisha Mining Corporation Ltd.</p> <p>Duration up to: 15.04.2029</p>	<p>Senior Project Associate (S - PAT)</p> <p>Emoluments: Rs. 42,000/- + (HRA @20%)</p>	01	<p>i. M.Sc. in Geology. ii. Three years of relevant 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>i. PhD in Ore Geology. ii. Two years of relevant experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p>	<p>Experience in petrography, Mineralogy or ores/rocks, preparation of samples for characterization study both at laboratory and field.</p>	40 years
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8325	<p>Project No: FTT - 02</p> <p>Title: Scale up and process validation for high – purity battery grade graphite recovery from spent pot liner waste.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Senior Project Associate (S - PAT)</p> <p>Emoluments: Rs. 42,000/- + (HRA @20%)</p>	01	<p>i. M.Sc. in Geology.</p> <p>ii. Three years of relevant experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.</p>	<p>Understanding of liberation analysis, thin sections, microscopic and petrographic analysis and PEMA for detailed mineralogical and phase characterization of carbonaceous and inorganic components.</p>	40 years
8326	<p>Project No: SSP - 564</p> <p>Title: Beneficiation and sintering study of sub grade Manganese ore for value addition.</p> <p>Sponsoring Agency: M/s Tata Steel Ltd.</p> <p>Duration up to: 15.01.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	<p>B.E./B.Tech. in Metallurgical Engineering/ Metallurgical & Materials Engineering.</p>	<p>Experience in Mineral agglomeration viz. pelletization, singtering, physical and metallurgical characterization of agglomerates, composite pelletization, DRI making.</p>	35 years

8327	<p>Project No: OLP - 152</p> <p>Title: Development of protective Alumina composite layers to reduce air bur and carbon footprint in Aluminium smelting.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	<p>B.E./B.Tech. in Metallurgical & Materials Engineering.</p> <p>Or</p> <p>M.Sc. in Material Science.</p>	<p>Experience in material development and coatings, performing analysis such as XRD, SEM, and Thermal Conductivity.</p>	35 years
8328	<p>Project No: OLP - 154</p> <p>Title: Integrated development of Mg alloy anodes and electrochemical components for high efficiency Mg air batteries.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	<p>M.Sc. in Material Science.</p>	<p>Knowledge in electrochemical system and battery materials.</p>	35 years

8329	<p>Project No: FIR - 01</p> <p>Title: Atmospheric pressure micro plasma engineered diamond single nitrogen vacancy centers for quantum technologies.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Material Science.	Experience in synthesis of nano-materials using plasma.	35 years
8330	<p>Project No: OLP - 153</p> <p>Title: Recovery of high purity pig iron from ilmenite and its utilization in grey cast iron production.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	B.E./B.Tech. in Metallurgy and Materials Engineering.	Experience in thermal plasma processing and characterization techniques viz. XRD, SEM etc.	35 years

8331	<p>Project No: OLP - 156</p> <p>Title: Indigenous prototype development and scale up of a water electrolyzer for hydrogen production (2 LPM capacity).</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	<p>M.Sc. in Material Science and Engineering.</p> <p>Or</p> <p>M.Sc. in Material Science.</p> <p>Or</p> <p>M.Sc. in Polymer Science.</p>	<p>Experience in synthesis of materials, polymers, membranes, characterization techniques, thinfilm fabrications, characterization etc., electrochemistry studies.</p>	35 years
8332	<p>Project No: FTT - 04</p> <p>Title: Recovery of sillimanite values from the low grade quartz sillimanite schists.</p> <p>Sponsoring Agency: Innovation Management Directorate, CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	<p>B.E./B.Tech. in Mineral Engineering.</p>	<p>Knowledge and experience in mineral processing particularly in gravity separation and froth flotation processes.</p>	35 years

8333	<p>Project No: SSP - 567</p> <p>Title: Petrography, mineralogy and bulk density studies of different lithology and size recovery percentage for different ore type of all working mines of different commodity of OMC Ltd.</p> <p>Sponsoring Agency: Odisha Mining Corporation Ltd.</p> <p>Duration up to: 15.04.2029</p>	<p>Project Associate - II (PAT - II)</p> <p>Emoluments: Rs. 28,000/- + (HRA @20%)</p>	01	<p>i. B.E./B.Tech. in Metallurgy/Mineral Engineering.</p> <p>ii. Two years of relevant experience in Research and development in industrial/academic institutions or S&T organizations and scientific activities and services.</p>	Experience in mineral processing and extractive metallurgy.	35 years
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8334	<p>Project No: FBR - 01</p> <p>Title: Development of inorganic binder from iron ore tailings for sustainable agglomeration.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - II (PAT - II)</p> <p>Emoluments: Rs. 28000/- + (HRA @20%)</p>	01	<p>i. B.E./B.Tech. in Metallurgical Engineering.</p> <p>ii. Two years of relevant experience in Research and development in industrial/academic institutions or S&T organizations and scientific activities and services.</p> <p>Or</p> <p>M.E./M.Tech. in Metallurgical Engineering.</p>	<p>R&D/Industry experience knowledge in mineral processing and extractive metallurgy.</p>	35 years
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8335	<p>Project No: OLP - 161</p> <p>Title: Exploration of design for insertion of membranes in development of 3D printed reactor for simultaneous extraction stripping electro winning.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	B.E./B.Tech. in Mechanical Engineering.	Knowledge in both solid works and 3D printing.	35 years
8336	<p>Project No: IHP 000013</p> <p>Title: Laser induced writing enabled additive manufacturing for the development of 3D grapheme membranes.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	B.E./B.Tech. in Mechanical Engineering.	Knowledge in additive manufacturing technology.	35 years

8337	<p>Project No: IHP000013</p> <p>Title: Laser induced writing enabled additive manufacturing for the development of 3D grapheme membranes.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	B.E./B.Tech. in Chemical Engineering.	Expertise in synthesis of nanomaterial's and characterization.	35 years
8338	<p>Project No: OLP - 149</p> <p>Title: Technological valorization of low grade iron ore by producing iron oxide composites for battery applications.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	B.E./B.Tech. in Chemical Engineering.	Knowledge in material synthesis and electrochemical studies.	35 years

8339	<p>Project No: MMP 085202 IMMT WC-18</p> <p>Title: Hydraulic transportation of raw material/tailings for the critical minerals through horizontal slurry pipeline.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: (i) Rs. 31,000/- + HRA @20% for those candidates who have qualified CSIR-UGC/ICAR/ICMR/NET including 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>Or</p> <p>(ii) Rs. 25,000/- + HRA @20% for candidates who do not fall under (i) above.</p>	01	B.E./B.Tech in Chemical Engineering.	Sample analysis, slurry preparation, experimental campaign etc.	35 years
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8340	<p>Project No: GAP - 435</p> <p>Title: Molten iron ore electrolysis – an environmentally friendly route to produce pure iron.</p> <p>Sponsoring Agency: Steel research and technology mission of India.</p> <p>Duration up to: 14.12.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: (i) Rs. 31,000/- + HRA @20% for those candidates who have qualified CSIR-UGC/ICAR/ICMR/NET including 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>Or</p> <p>(ii) Rs. 25,000/- + HRA @20% for candidates who do not fall under (i) above.</p>	01	B.E./B.Tech in Chemical Engineering\ Metallurgical Engineering.	Knowledge about electrolysis, alloy making, iron ore reduction, reductants, physical and chemical characterization techniques.	35 years
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8341	<p>Project No: SSP - 410</p> <p>Title: Characterization of coal core samples of CMPDIL, Bhubaneswar.</p> <p>Sponsoring Agency: CMPDIL</p> <p>Duration up to: 31.12.2026</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	B.E./B.Tech. in Chemical Engineering.	Coal/coke and ash processing and characterization.	35 years
8342	<p>Project No: FTT - 03</p> <p>Title: Development of process for continuous production of instant magnetite nano particles from mill scale for toner applications.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	B.E./B.Tech. in Chemical Engineering.	To undertake R&D work on leaching of Fe, precipitation, different drying methods, milling and testing and characterization of raw material and products.	35 years

8343	<p>Project No: MMP 015204</p> <p>Title: Design and development of working prototype 150 Kg category loitering munition unmanned aerial vehicle (LM - UAV).</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2029</p>	<p>Project Associate - II (PAT - II)</p> <p>Emoluments: Rs. 28,000/- + (HRA @20%)</p>	01	<p>i. B.E./B.Tech. in Chemical Engineering.</p> <p>ii. Two years of relevant 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>M.Tech. in Chemical Engineering.</p>	<p>Knowledge of mass balance and flow sheet development.</p>	35 years
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8344	<p>Project No: OLP - 162</p> <p>Title: Design and development of Nitride based sensors for wide range hydrogen detection at low operating temperatures.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Physics.	Experience in thin film.	35 years
8345	<p>Project No: OLP - 146</p> <p>Title: Development and study of large area layered Mo bases Janus 2D alloys for low power optoelectronics.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Physics.	Knowledge in synthesis of 2D materials.	35 years

8346	<p>Project No: FIR - 02</p> <p>Title: Development of two dimensional SiC based heterostructure for the next generation power FET applications.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Physics.	Knowledge in synthesis of 2D materials.	35 years
8347	<p>Project No: OLP - 159</p> <p>Title: Development of rare earth based and rare earth permanent magnets for industrial applications.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Physics.	Knowledge in material processing and characterization.	35 years

8348	<p>Project No: OLP - 158</p> <p>Title: Valorization of metallurgical scraps for designing smart devices.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Physics.	Experience in material synthesis.	35 years
8349	<p>Project No: MMP 015204</p> <p>Title: Design and development of working prototype 150 Kg category loitering munition unmanned aerial vehicle (LM - UAV).</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2029</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + (HRA @20%)</p>	01	M.Sc. in Physics.	Knowledge of material synthesis and characterization.	35 years

8350	<p>Project No: OLP - 150</p> <p>Title: Development of eco-friendly bio-based reagents for mineral flotation applications.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2027</p>	<p>Project Associate - II (PAT - II)</p> <p>Emoluments: (i) Rs. 35,000/- + HRA @20% for those candidates who have qualified CSIR-UGC/ICAR/ICMR/NET including 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>Or</p> <p>(ii) Rs. 28,000/- + HRA @20% for candidates who do not fall under (i) above.</p>	01	<p>i. M.Sc. in Microbiology/ Biotechnology.</p> <p>ii. Two years of relevant experience in research and development in industrial/academic institutions or S&T organizations and scientific activities and services.</p>	Extraction, purification and application of microbial bio-surfactants.	35 years
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8351	<p>Project No: HCP 002502</p> <p>Title: CSIR integrated skill initiative.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration up to: 31.03.2030</p>	<p>Project Assistant - II (PA - II)</p> <p>Emoluments: Rs. 20,000/- + (HRA @20%)</p>	01	B.Sc. in Computer Science.	<ul style="list-style-type: none"> i. Knowledge of computer skills, data analysis, video development, and workplace related activities, good communication skills. ii. Candidates should possess good database management skills and proficiency in MS Excel along with excellent documentation abilities. iii. The candidate has to co-ordinate the activities related to training programmes with the faculty, participants and funding agencies (Govt./Academic/ Industries) to support in organizing the skill development programmes. 	35 years
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8352	<p>Project No: FTC - 01</p> <p>Title: Pilot scale development and performance assessment of novel indigenous impellers for energy efficient ultrafine grinding.</p> <p>Sponsoring Agency: Innovation Management Directorate, CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: (i) Rs. 31,000/- + HRA @20% for those candidates who have qualified CSIR-UGC/ICAR/ICMR/NET including 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>Or</p> <p>(ii) Rs. 25,000/- + HRA @20% for candidates who do not fall under (i) above.</p>	01	B.E./B.Tech. in Chemical/Mineral/Metallurgical Engineering.	Knowledge and experience in mineral processing research, particularly in ore characterization, grinding, size analysis and flotation.	35 years
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8353	<p>Project No: FTC - 01</p> <p>Title: Pilot scale development and performance assessment of novel indigenous impellers for energy efficient ultrafine grinding.</p> <p>Sponsoring Agency: Innovation Management Directorate, CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Project Associate - II (PAT - II)</p> <p>Emoluments: (i) Rs. 35,000/- + HRA @20% for those candidates who have qualified CSIR-UGC/ICAR/ICMR/NET including 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>Or</p> <p>(ii) Rs. 28,000/- + HRA @20% for candidates who do not fall under (i) above.</p>	01	<p>i. B.E./B.Tech. in Chemical/ Mechanical/ Metallurgical Engineering.</p> <p>ii. Two years of relevant experience in research and development in industrial/academic institutions or S&T organizations and scientific activities and services.</p> <p>Or</p> <p>M.E./M.Tech. in Chemical/Mechanical/ Metallurgical Engineering.</p>	<p>Experience in modelling and simulation (CFD, DEM), product designing, CAD, MATLAB programming, python, AI/ML, optimization and physics informed neural network.</p>	35 years
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8354	<p>Project No: FTC - 01</p> <p>Title: Pilot scale development and performance assessment of novel indigenous impellers for energy efficient ultrafine grinding.</p> <p>Sponsoring Agency: Innovation Management Directorate, CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Senior Project Associate (S - PAT)</p> <p>Emoluments: Rs. 42,000/- + (HRA @20%)</p>	01	<p>i. M.E./M.Tech. in Mechanical Engineering.</p> <p>ii. Two years of relevant experience in research and development in industrial/academic institutions or S&T organizations and scientific activities and services.</p> <p>Or</p> <p>i. PhD in Mechanical Engineering.</p> <p>ii. Two years of relevant experience in research and development in industrial/academic institutions or S&T organizations and scientific activities and services.</p>	<p>Experience in Mineral processing and modelling work, ore characterization grinding studies, size analysis, equipment design, equipment scale up studies, chemical composition analysis.</p>	40 years
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8355	<p>Project No: FTC - 01</p> <p>Title: Pilot scale development and performance assessment of novel indigenous impellers for energy efficient ultrafine grinding.</p> <p>Sponsoring Agency: Innovation Management Directorate, CSIR</p> <p>Duration up to: 31.03.2028</p>	<p>Senior Project Associate (S - PAT)</p> <p>Emoluments: Rs. 42,000/- + (HRA @20%)</p>	01	<p>i. M.E./M.Tech. in Mineral/Chemical/Metallurgical Engineering.</p> <p>ii. Two years of relevant experience in research and development in industrial/academic institutions or S&T organizations and scientific activities and services.</p> <p>Or</p> <p>i. PhD in Mineral/Chemical/Metallurgical Engineering.</p> <p>ii. Two years of relevant experience in research and development in industrial/academic institutions or S&T organizations and scientific activities and services.</p>	<p>Experience in modelling and simulation work (CFD, DEM), combustion, reaction engineering and thermodynamics with focus on programming in C++ for software development.</p>	40 years
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Instructions to apply and appear for interview:-

1. Candidates must go through the detail advertisement before submission of application.
2. The last date for receipt of online application is **21.05.2026 (Up to 05.00 pm)**.
3. The process of filling of online application consists of two parts.
 - a. One time registration.
 - b. Filling online application.
4. The candidates are required to register and apply online through the online portal available in CSIR-IMMT website. **A printout of the application form must be taken by the candidate after successfully submission of the form.**

[Link for registration/apply: rects.immt.res.in]

5. The **shortlisted candidates** will have to appear for the interview at CSIR – IMMT, Bhubaneswar. They are required to report at CSIR- IMMT along with the following documents in original at the time of interview.
 - a. Print out of online application form.
 - b. Any ID proof (Aadhaar Card / Voter ID Card / PAN Card / Passport / Driving License).
 - c. Mark sheets and certificates of all years and semesters (10th /Matriculation onwards including CGPA to percentage conversion certificate if applicable).
 - d. Category/EWS Certificate (If applicable).
 - e. No Objection Certificate (If applicable).
 - f. Experience Certificate (If applicable).
6. **Candidates who wish to apply for more than one post need to apply separately for each post code.**
7. For any queries, please contact to the E-mail ID: rects.immt@csir.res.in on or before **20.05.2026 (Up to 04.00 pm)**.

Interview Dates:-

Sl. No.	Post Codes	Tentative Date of Interview at CSIR – IMMT (Walk in Interview) *
1.	8301, 8302, 8303, 8304, 8305, 8306, 8307, 8308, 8309, 8310, 8311, 8312, 8313, 8314, 8315, 8316, 8317, 8318, 8319, 8320, 8321, 8328, 8329, 8331, 8322, 8323, 8324, 8325, 8351	02.06.2026 (Reporting time: 09.00 am to 10.30 am)
2.	8301, 8302, 8303, 8304, 8305, 8306, 8307, 8308, 8309, 8310, 8311, 8312, 8313, 8314, 8315, 8316, 8317, 8318, 8319, 8320, 8321, 8328, 8329, 8331, 8335, 8336, 8354, 8326, 8327, 8330, 8332, 8333, 8334, 8352, 8353, 8355, 8337, 8338, 8339, 8340, 8341, 8342, 8343, 8335, 8336, 8354	03.06.2026 (Reporting time: 09.00 am to 10.30 am)
3.	8301, 8302, 8303, 8304, 8305, 8306, 8307, 8308, 8309, 8310, 8311, 8312, 8313, 8314, 8315, 8316, 8317, 8318, 8319, 8320, 8321, 8328, 8329, 8331, 8326, 8327, 8330, 8332, 8333, 8334, 8352, 8353, 8355, 8337, 8338, 8339, 8340, 8341, 8342, 8343, 8344, 8345, 8346, 8347, 8348, 8349	04.06.2026 (Reporting time: 09.00 am to 10.30 am)
4.	8326, 8327, 8330, 8332, 8333, 8334, 8352, 8353, 8355, 8337, 8338, 8339, 8340, 8341, 8342, 8343, 8344, 8345, 8346, 8347, 8348, 8349, 8350	05.06.2026 (Reporting time: 09.00 am to 10.30 am)

*For any changes in the date and time of interview, the same will be informed to the shortlisted candidates through the CSIR-IMMT website. Applicants are requested to follow the CSIR - IMMT website regularly for any update/changes.

General Information/Condition:-

1. The applicant must be a citizen of India.
2. All the above posts are tenable at CSIR – IMMT, Bhubaneswar. The project staff may be required to travel and stay at different places outside Bhubaneswar as per the need of the project.
3. The engagement of project staffs would be governed under various CSIR (including NMITLI, OLP, MLP, industry sponsored, contract/consultancy/sponsored projects etc.) and non-CSIR funded project provisions.
4. Before applying for the post, the candidate should ensure that he/she fulfills the eligibility and other criteria.
5. The date for determining age/essential qualification and experience shall be the last date of submission of application.
6. **Result awaiting candidates are not eligible for apply.**
7. The relaxation in the age limit for the candidates belonging to the category of SC/ST/PwBD/Women and the category of OBC shall be 05 years and 03 years respectively or as per Govt. of India instructions issued in this regard from time to time.
8. Date of birth entered in the high school certificate or equivalent certificate issued by the concerned board/council will be accepted by CSIR – IMMT. Candidates should also note that once a date of birth has been claimed by them and entered in the records of CSIR – IMMT for the purpose of appearing the interview, no change will be allowed subsequently on any grounds, whatsoever. If on verification at any subsequent stage, any variation is found in their date of birth from the one entered in their High School Certificate or equivalent certificate, the candidature of the candidate concerned, will be rejected.
9. Category once mentioned by the candidates in the appropriate place of online application form will be treated as final.

10. The applications received will be screened for short-listing the candidates as per the criteria fixed by the Competent Authority. **Mere fulfilling of essential qualification by itself would not entail any right to be called for interview.**
11. No interview call letter will be issued separately.
12. No TA/DA will be admissible for appearing for the interview. Selected candidates will have to join duty immediately on receipt of the offer of engagement.
13. Engagement under any of these positions shall be on behalf of the sponsoring agency and shall be temporary and co-terminus with the tenure of the project or 06 years (total period of engagement under one project and/or combination of different projects) whichever is earlier. Further, such engagement, directly or indirectly, shall not provide any right/claim for regularization for permanent post of CSIR.
14. Engagement may be terminated at any time on a notice of one month from either side or one month Emoluments in lieu thereof.
15. Based on the performance of the candidates, **selection committee will recommend final selection and may also make panels for operation in future depending on the need of the projects.**
16. CSIR - IMMT reserves the right not to fill up the position (s), if it so desired by the Competent Authority. The number of position(s) and the duration of engagement may increase/decrease as per the requirement of the Institute. The decision of the Institute shall be final in this regard. **Interim enquiries will not be entertained.** Applicants are requested to check CSIR – IMMT website from time to time for any further update in this regard.
17. The total period of engagement of any project personnel under one project and/or combination of different projects, either in the same laboratory and/or different laboratories of CSIR cumulatively taken together shall not exceed 6 years. However, the project personnel shall be allowed to continue beyond 06 years only in case of contract/consultancy/sponsored projects funded by Public Sector Under Takings (PSUs), Industries, Start-ups and Individual entrepreneurs, that are 12 months or less duration. In such an event, the total period of engagement of any project personnel under one project and/or combination of different projects, either in the same

laboratory and/or different laboratories of CSIR, cumulatively taken together shall not exceed 07 years.

18. In case of non-CSIR funded projects including those funded by international agencies, the concerned funding agencies guidelines shall be applicable. In case of non-availability of such guidelines, the one framed by CSIR shall be applicable.
19. If any candidate is currently employed, he/she will have to furnish **No Objection Certificate (NOC)** from the current employer while applying online and/or the candidate has to produce the same in original at the time of interview failing which the candidature may get cancelled.
20. The candidates pursuing Ph.D. (AcSIR Ph.D. etc.) can apply only when their research domain of Ph.D. is aligned with the research area of that project. Prior to applying, the Ph.D. student needs to have the permission/NOC from the Director/Competent Authority and they have to produce the same at the time of interview failing which the candidature may get cancelled.
21. Unless otherwise mentioned, equivalent/higher degrees shall not be considered as essential qualification for any position.
22. Women project personnel shall be eligible for maternity leave of 180 days and the male project personnel shall be eligible for paternity leave of 15 days only in case of two surviving children as per CSIR norms. Further, the project staff shall be paid the stipend for the period of aforesaid leave only after re-joining the office after availing such leave and submission of relevant medical reports/documents.
23. The project personnel are entitled to avail leaves as per extant rules of CSIR, i.e., 12 days of leave (at the rate of one day leave per month). Any leave availed beyond this shall be without emoluments calculated on pro-rata basis.
24. **The above positions are purely temporary and initial offer for engagement in any project shall be for a period of one year or up to the duration of the project whichever is earlier.** However, the engagement may be extended or curtailed depending upon the duration of the project and (or) satisfactory performance of the candidate.
25. The original documents including educational qualification, birth/SSLC certificate, category and experience certificate etc., in respect of selected candidate will be

verified at the time of joining. The joining of the selected candidates in the project is subject to verification of all the original certificates/documents. The applicant's candidature would be provisional and subject to subsequent verification and production of self-attested photocopies of all relevant certificates/documents. In case, it is detected at any stage of engagement or thereafter that a candidate does not fulfil the eligibility norms and/or that he/she has furnished any incorrect/doctored/false information/certificate/documents or has suppressed any material fact(s), his/her candidature shall stand cancelled automatically without any further notice.

26. A candidate found guilty of seeking support for his/her candidature by offering illegal gratification or applying pressure on any person connected with the conduct of recruitment process or found indulging in any type of malpractice in course of the selection or otherwise shall be disqualified for the engagement.
27. No interim enquiry or correspondence will be entertained. The decision of the Director, CSIR – IMMT will be final and binding.
28. Director, CSIR-IMMT reserves all rights to cancel the recruitment of any or all of the positions advertised at any stage.

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