



CSIR - INSTITUTE OF MINERALS & MATERIALS TECHNOLOGY

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Advertisement No. – PME/P74/2024

Date: 20.11.2024

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
7401	<p>Project No: MMP085202 IMMT WC - 3</p> <p>Title: Mapping and tapping of critical metals & minerals.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 31.03.2027</p>	<p>Project Associate – I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA@20%</p>	01	M.Sc. in Chemistry.	<ol style="list-style-type: none">1. Synthesis of porous organic polymers.2. Adsorption and rare-earth metal ions extraction.	35 years

7402	<p>Project No: MMP085202 IMMT WC - 3</p> <p>Title: Mapping and tapping of critical metals & minerals.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 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 Metallurgy/Chemical Engineering.</p> <p>Or, M.Sc. in Chemistry.</p>	Hydrometallurgy.	35 years
7403	<p>Project No: MMP085202 IMMT WC - 3</p> <p>Title: Mapping and tapping of critical metals & minerals.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 31.03.2027</p>	<p>Project Associate – I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA@20%</p>	01	M.Sc. in Chemistry.	Synthesis of Nanomaterials and electrochemistry.	35 years

7404	<p>Project No: MMP085202 IMMT WC - 3</p> <p>Title: Mapping and tapping of critical metals & minerals.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 31.03.2027</p>	<p>Project Associate – I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA@20%</p>	01	M.Sc. in Chemistry.	Nanomaterial synthesis and catalysis.	35 years
7405	<p>Project No: MMP085202 IMMT WC - 4</p> <p>Title: Mapping and tapping of critical metals & minerals.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 31.03.2027</p>	<p>Project Associate – I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA@20%</p>	02	M.Sc. in Chemistry.	Experience in Hydrometallurgy/ Extractive Metallurgy.	35 years

7406	<p>Project No: MMP085202 IMMT WC - 4</p> <p>Title: Mapping and tapping of critical metals & minerals.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 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 Chemical Engineering/ Metallurgy/Materials Engineering/ Minerals Engineering.</p>	<p>Mineral processing/ extractive metallurgy.</p>	35 years
7407	<p>Project No: MMP085202 IMMT WC - 5</p> <p>Title: Phosphate mineral recovery from phosphate ore using green surfactant and microorganism: A zero waste process under mission mode project “Mapping and tapping of critical metals & minerals”</p> <p>Sponsoring Agency: CSIR, New Delhi</p> <p>Duration : 31.03.2027</p>	<p>Project Assistant – II (PA-II)</p> <p>Emoluments: Rs. 20,000/- + HRA@20%</p>	01	<p>B.Sc. in Chemistry. Or Diploma in Chemical Engineering.</p>	<p>Wet chemical analysis of ores/ froth flotation.</p>	35 years

7408	<p>Project No: MMP085202 IMMT WC - 5</p> <p>Title: Phosphate mineral recovery from phosphate ore using green surfactant and microorganism: A zero waste process under mission mode project “Mapping and tapping of critical metals & minerals”</p> <p>Sponsoring Agency: CSIR, New Delhi</p> <p>Duration : 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: (i) Rs. 31000/+ HRA as per rule 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 as per rule for candidates who do not fall under (i) above.</p>	01	M.Sc. in Microbiology/ Biotechnology.	Isolation and culture of Phosphate solubilizing microorganisms and its applications as bioinoculant.	35 years
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7409	<p>Project No: MMP085202 IMMT WC - 5</p> <p>Title: Phosphate mineral recovery from phosphate ore using green surfactant and microorganism: A zero waste process under mission mode project “Mapping and tapping of critical metals & minerals”</p> <p>Sponsoring Agency: CSIR, New Delhi</p> <p>Duration : 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: (i) Rs. 31000/+ HRA as per rule 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 as per rule for candidates who do not fall under (i) above.</p>	01	<p>B.E./B.Tech. in Chemical Engineering Or M.Sc. in Chemistry.</p>	<p>Froth flotation of rock phosphate, surfactant synthesis, mineral and surfactant interface properties evaluation.</p>	35 years
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7410	<p>Project No: MMP085202 IMMT WC - 8</p> <p>Title: Mapping and tapping of critical metals & minerals (Recovery of Co and Ni from chromite overburden)</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 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 Engineering/ Material Science</p>	<p>Experience in melting, casting, pyrometallurgy etc.</p>	35 years
7411	<p>Project No: MMP 015202</p> <p>Title: Alternative alloys and environment friendly fuel for Dokra art clusters.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 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 Engineering/ Material Science</p>	<p>Experience in melting, casting, physical metallurgy and corrosion.</p>	35 years

7412	<p>Project No: MMP085202 IMMT WC - 2</p> <p>Title: Preparation of high pure silicon from low-grade quartz and silica bearing minerals resources of India.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: (i) Rs. 31000/+ HRA as per rule 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 as per rule for candidates who do not fall under (i) above.</p>	01	<p>M.Sc. in Chemistry Or M.Sc. in Geology</p>	<p>R&D or industrial experience in characterization of silica/quartz/silicon metal.</p>	35 years
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7413	<p>Project No: MMP085202 IMMT WC - 2</p> <p>Title: Preparation of high pure silicon from low-grade quartz and silica bearing minerals resources of India.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: (i) Rs. 31000/+ HRA as per rule 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 as per rule for candidates who do not fall under (i) above.</p>	02	<p>B.E./B.Tech. in Chemical Engineering/ Metallurgical Engineering/ Metallurgical & Materials Engineering/ Mineral Engineering/ Mining Engineering</p>	<p>R&D or industrial experience in pyrometallurgical operations especially in smelting.</p>	35 years
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7414	<p>Project No: HCP-54 (IMMT-2)</p> <p>Title: Development of fuel agglomerates from coal wastes for metallurgical applications.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 31.03.2026</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: (i) Rs. 31000/+ HRA as per rule 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 as per rule for candidates who do not fall under (i) above.</p>	01	<p>B.E./B.Tech. in Chemical Engineering/ Metallurgical Engineering/ Metallurgical & Materials Engineering/ Mineral Engineering/ Mining Engineering</p>	<p>R&D or industrial experience in pyrometallurgical operations especially in coke making.</p>	35 years
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7415	<p>Project No: HCP-54 (IMMT-2)</p> <p>Title: Development of fuel agglomerates from coal wastes for metallurgical applications.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 31.03.2026</p>	<p>Project Associate - II (PAT - II)</p> <p>Emoluments: (i) Rs. 35,000/+ HRA as per rule 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 as per rule for candidates who do not fall under (i) above.</p>	02	<p>i. M.Sc. in Chemistry.</p> <p>ii. Two years of relevant experience (post qualification) in research & development in industrial & academic institutions or science and technology organizations and scientific activities and services.</p>	Carbonaceous material characterization, analytical equipment handling.	35 years
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7416	<p>Project No: HCP-54 (IMMT-1)</p> <p>Title: Value addition to waste generated by mining and industries.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 31.03.2026</p>	<p>Project Associate – II (PAT - II)</p> <p>Emoluments: Rs. 28,000/- + HRA@20%</p>	02	<p>i. B.E./B.Tech in Mechanical Engineering/ Metallurgy/Chemical Engineering.</p> <p>ii. Two years of relevant experience (post qualification) in research & development in industrial & academic institutions or science and technology organizations and scientific activities and services.</p> <p>Or</p> <p>M.E./M.Tech. in MechanicalEngineering/ Metallurgy/ Chemical engineering.</p>	<p>i. R&D experience in high temperature reactor handling, gas solid reaction, pyrometallurgy process, modelling and simulation of high temperature process.</p> <p>ii. Knowledge in mineral processing.</p>	35 years
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7417	<p>Project No: FCP 512407</p> <p>Title: Setting up of iron ore pelletization pilot plant.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 23.06.2029</p>	<p>Project Associate – II (PAT - II)</p> <p>Emoluments: Rs. 28,000/- + HRA@20%</p>	01	<p>i. B.E./B.Tech in Mechanical Engineering/ Metallurgy/Chemical Engineering.</p> <p>ii. Two years of relevant experience (post qualification) in research & development in industrial & academic institutions or science and technology organizations and scientific activities and services.</p> <p>Or</p> <p>M.E./M.Tech. in Mechanical Engineering/Metallurgy/ Chemical engineering.</p>	<p>i. R&D experience in high temperature reactor handling, gas solid reaction, pyrometallurgy process, modelling and simulation of high temperature process.</p> <p>ii. Knowledge of AutoCAD/ Catia/Solid works etc.</p>	35 years
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7418	<p>Project No: MMP085202 IMMT WC - 10</p> <p>Title: Technology development for preparing electrode-grade graphite from primary and secondary resources.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 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 Mineral Engineering	Mineral beneficiation, characterization of minerals, knowledge in paper writing, heating cycle study etc.	35 years
7419	<p>Project No: MMP085202 IMMT WC - 10</p> <p>Title: Technology development for preparing electrode-grade graphite from primary and secondary resources.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 31.03.2027</p>	<p>Project Associate – I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA@20%</p>	01	M.Sc. in Physics.	Synthesis of nanomaterials from wastes, characterization of minerals.	35 years

7420	<p>Project No: MMP085202 IMMT WC - 16</p> <p>Title: Recovery of vanadium from pet coke ash, spent vanadium catalyst and vanadium concentrate under CSIR mission mode project “Mapping and Tapping of critical Metals & Minerals”.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 31.03.2027</p>	<p>Project Associate – I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA@20%</p>	02	M.Sc. in Chemistry	Hydrometallurgy, leaching.	35 years
7421	<p>Project No: MMP085202 IMMT WC - 9</p> <p>Title: Recovery of Gallium from Bayer’s liquor using a suitable adsorbent.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 31.03.2027</p>	<p>Project Assistant – I (PA - I)</p> <p>Emoluments: Rs. 18,000/- + HRA@20%</p>	01	<p>i. SSC/10th</p> <p>ii. ITI in Laboratory Assistant – Chemical Plant.</p>	Setting up experiments for adsorption, leaching and precipitation studies.	35 years

7422	<p>Project No: MMP085202 IMMT WC - 9</p> <p>Title: Recovery of Gallium from Bayer's liquor using a suitable adsorbent.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 31.03.2027</p>	<p>Project Associate – I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA@20%</p>	02	M.Sc. in Chemistry	<p>Research experience in Hydrometallurgical unit operations such as leaching, precipitation and electrowinning.</p>	35 years
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7423	<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 : 29.08.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: (i) Rs. 31000/+ HRA as per rule 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 as per rule for candidates who do not fall under (i) above.</p>	01	<p>M.Sc. in Microbiology/ Applied Microbiology/ Biotechnology</p> <p>Or</p> <p>B.E./B.Tech. in Microbiology/ Applied Microbiology/ Biotechnology</p>	<p>Working experience with culturing and maintaining of microbes.</p>	35 years
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7424	<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 : 29.08.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: (i) Rs. 31000/+ HRA as per rule 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 as per rule for candidates who do not fall under (i) above.</p>	01	B.E./B.Tech. in Chemical Engineering	Working knowledge of chemical & hydrometallurgy operations.	35 years
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7425	<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 : 29.08.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: (i) Rs. 31000/+ HRA as per rule 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 as per rule for candidates who do not fall under (i) above.</p>	01	M.Sc./B.E./B.Tech. in Mineral Engineering/ Mineral Processing	Working knowledge of mineral processing operations.	35 years
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7426	<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 : 29.08.2027</p>	<p>Senior Project Associate (Senior - PAT)</p> <p>Emoluments: Rs. 42,000/- + HRA@20%</p>	01	Ph.D in Chemistry/ Chemical Engineering.	Processing of waste battery materials/ battery fabrication/ electrochemical analysis	40 years
7427	<p>Project No: SSP -522</p> <p>Title: Investigation of the physical, chemical and metallurgical properties of Iron ore pellets and their suitability for iron making.</p> <p>Sponsoring Agency: M/s. BRPL</p> <p>Duration : 15.06.2025</p>	<p>Project Associate – I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA@20%</p>	01	B.E./B.Tech in Metallurgical Engineering/ Metallurgical & Materials Engineering	Experience in Mineral agglomeration viz. pelletization, sintering, physical and metallurgical characterization of agglomerate, composite pelletization, DRI and iron making.	35 years

7428	<p>Project No: MMP085202 IMMT WC - 18</p> <p>Title: Hydraulic transportation of raw material/tailings for the critical minerals through horizontal slurry pipeline under CSIR mission mode project “Mapping and tapping of critical metals & minerals”.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: (i) Rs. 31000/+ HRA as per rule 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 as per rule for candidates who do not fall under (i) above.</p>	01	B.E./B.Tech in Mechanical Engineering/ Chemical Engineering	Sample analysis, slurry preparation, experimental campaign etc.	35 years
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7429	<p>Project No: SSP - 499</p> <p>Title: Scale up study of electrolysis of Cuprous chloride.</p> <p>Sponsoring Agency: ONGC</p> <p>Duration : 14.02.2025</p>	<p>Project Associate – I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA@20%</p>	01	<p>B.E./B.Tech in Metallurgy/ Chemical Engineering</p>	Hydrometallurgy	35 years
7430	<p>Project No: MLP - 88</p> <p>Title: Up scaling of Neodymium metal/Nd-Pr production along with other rare earth metals and their alloys by molten salt electrolysis.</p> <p>Sponsoring Agency: CSIR</p> <p>Duration : 31.03.2026</p>	<p>Project Associate – I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA@20%</p>	01	<p>B.E./B.Tech. in Mechanical Engineering</p>	To carryout hydro-electro metallurgical unit operations and analysis.	35 years

7431	<p>Project No: MMP085202 IMMT WC - 6</p> <p>Title: Recovery of PGE values from Archaean chromitites of Sittampundi Anorthosite complex, Tamil Nadu, India.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 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 Mineral Engineering/ Chemical Engineering/ Metallurgical Engineering</p>	<p>Knowledge in mineral processing</p>	35 years
7432	<p>Project No: MMP085202 IMMT WC - 6</p> <p>Title: Recovery of PGE values from Archaean chromitites of Sittampundi Anorthosite complex.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 31.03.2027</p>	<p>Project Associate – I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA@20%</p>	01	<p>M.Sc. in Chemistry</p>	<p>Knowledge in chemical analysis/mineral processing.</p>	35 years

7433	<p>Project No: MMP085202 IMMT WC - 1</p> <p>Title: Recovery of Copper from low grade copper ores: oxide and sulfide ores.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 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 Biotechnology</p> <p>Or</p> <p>M.Sc. in Biotechnology</p>	<p>Knowledge and experience in biochemical & hydrometallurgical operations, bioleaching.</p>	35 years
7434	<p>Project No: MMP085202 IMMT WC - 8</p> <p>Title: Recovery of Cobalt and Nickel from Chromite overburden.</p> <p>Sponsoring Agency: CSIR, New Delhi.</p> <p>Duration : 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 Biotechnology</p> <p>Or</p> <p>M.Sc. in Biotechnology</p>	<p>Knowledge and experience in biochemical & hydrometallurgical operations, bioleaching.</p>	35 years

7435	<p>Project No: MMP085201</p> <p>Title: Battery to Battery recovery of metal values from spent lithium ion batteries and fabrication of new Lithium Ion Batteries – A crucial economy approach.</p> <p>Sponsoring Agency: CSIR, New Delhi</p> <p>Duration : 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA as per rule.</p>	01	<p>M.Sc. in Computer Science.</p> <p>Or, Master of Computer Application.</p>	To study battery informatics.	35 years
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7436	<p>Project No: MMP085201</p> <p>Title: Battery to Battery recovery of metal values from spent lithium ion batteries and fabrication of new Lithium Ion Batteries – A crucial economy approach.</p> <p>Sponsoring Agency: CSIR, New Delhi</p> <p>Duration : 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 31,000/- + HRA as per rule.</p>	01	<p>i. B.E./B.Tech in Chemical Engineering/ Metallurgical Engineering.</p> <p>ii. Qualified in 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>	Metal/Chemical Processing	35 years
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7437	<p>Project No: MMP085202 IMMT WC - 1</p> <p>Title: Recovery of Coppers from low grade copper oxide & sulphide ore under CSIR mission mode project.</p> <p>Sponsoring Agency: CSIR, New Delhi</p> <p>Duration : 31.03.2027</p>	<p>Project Assistant – II (PA-II)</p> <p>Emoluments: Rs. 20,000/- + HRA@20%</p>	01	<p>B.Sc. in Chemistry. Or Diploma in Metallurgy.</p>	Hydrometallurgy	35 years
7438	<p>Project No: MMP085202 IMMT WC - 1</p> <p>Title: Recovery of Coppers from low grade copper oxide & sulphide ore under CSIR mission mode project.</p> <p>Sponsoring Agency: CSIR, New Delhi</p> <p>Duration : 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA as per rule.</p>	01	<p>B.E./B.Tech. in Metallurgical Engineering/ Chemical Engineering Or M.Sc. in Chemistry</p>	Hydrometallurgy	35 years

7439	<p>Project No: MMP085202 IMMT WC - 8</p> <p>Title: Mapping & tapping of critical metals and minerals (Recovery of Co and Ni from Chromite overburden.)</p> <p>Sponsoring Agency: CSIR, New Delhi</p> <p>Duration : 31.03.2027</p>	<p>Project Assistant – II (PA-II)</p> <p>Emoluments: Rs. 20,000/- + HRA@20%</p>	02	<p>Diploma in Metallurgical/ Chemical/Mechanical/ Electrical Engineering</p>		35 year
7440	<p>Project No: MMP085202 IMMT WC - 8</p> <p>Title: Mapping & tapping of critical metals and minerals (Recovery of Co and Ni from Chromite overburden.)</p> <p>Sponsoring Agency: CSIR, New Delhi</p> <p>Duration : 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA as per rule.</p>	01	<p>B.E./B.Tech. in Biotechnology. Or M.Sc. in Biotechnology.</p>	<p>Knowledge and experience in biochemical & hydrometallurgical operations, bioleaching.</p>	35 year

7441	<p>Project No: MMP085202 IMMT WC - 7</p> <p>Title: Recovery of Selenium and Tellurium from anode slimes cake generated by Copper refineries.</p> <p>Sponsoring Agency: CSIR, New Delhi</p> <p>Duration : 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA as per rule.</p>	02	<p>B.E./B.Tech. Chemical Engineering.</p> <p>Or</p> <p>M.Sc. in Chemistry.</p>	<p>To carry out hydrometallurgical unit operations & analysis.</p>	35 year
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7442	<p>Project No: MMP085202 IMMT WC - 17</p> <p>Title: Ti metal powder and Ti based ceramics/alloys from Ti-bearing primary and secondary resources.</p> <p>Sponsoring Agency: CSIR, New Delhi</p> <p>Duration : 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: (i) Rs. 31000/+ HRA as per rule 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 as per rule for candidates who do not fall under (i) above.</p>	02	<p>B.E./B.Tech. in Materials and Metallurgical Engineering/Metallurgical and Materials Engineering/Chemical Engineering/Metallurgy</p> <p>Or</p> <p>M.Sc. in Material Science/Physics</p>	<p>Knowledge in metallurgical processed, pyro metallurgy, characterization techniques.</p>	35 year
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7443	<p>Project No: HCP - 54 (IMMT - 5)</p> <p>Title: Processing of Kimberlite tailings for the production of fused Magnesia and evaluation for manufacturing magnesia - carbon brick.</p> <p>Sponsoring Agency: CSIR, New Delhi</p> <p>Duration : 31.03.2026</p>	<p>Project Assistant – II (PA-II)</p> <p>Emoluments: Rs. 20,000/- + HRA@20%</p>	01	B.Sc. in Chemistry	Experience in hydrometallurgy.	35 year
7444	<p>Project No: HCP - 54 (IMMT - 5)</p> <p>Title: Processing of Kimberlite tailings for the production of fused Magnesia and evaluation for manufacturing magnesia - carbon brick.</p> <p>Sponsoring Agency: CSIR, New Delhi</p> <p>Duration : 31.03.2026</p>	<p>Project Assistant – II (PA-II)</p> <p>Emoluments: Rs. 20,000/- + HRA@20%</p>	01	Diploma in Metallurgy		35 year

7445	<p>Project No: HCP - 54 (IMMT - 5)</p> <p>Title: Processing of Kimberlite tailings for the production of fused Magnesia and evaluation for manufacturing magnesia - carbon brick.</p> <p>Sponsoring Agency: CSIR, New Delhi</p> <p>Duration : 31.03.2026</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 25,000/- + HRA as per rule.</p>	01	B.E./B.Tech. in Metallurgy	Experience in extractive metallurgy	35 year
7446	<p>Project No: MMP 085201</p> <p>Title: Battery to Battery recovery of metal values from spent lithium ion batteries and fabrication of new Lithium Ion Batteries – A crucial economy approach.</p> <p>Sponsoring Agency: CSIR, New Delhi</p> <p>Duration : 31.03.2027</p>	<p>Project Associate - I (PAT - I)</p> <p>Emoluments: Rs. 31,000/- + HRA as per rule.</p>	01	<p>i. M.Sc. in Material Science / Chemistry.</p> <p>ii. Qualified in 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>	To study and fabricate batteries precipitation.	35 years

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 **03.12.2024**.
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).
 - 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: project.rect@immt.res.in on or before **03.12.2024**.

Interview Dates:-

Sl. No.	Post Codes	Tentative Date of Interview at CSIR – IMMT (Walk in Interview) *
1.	7428, 7430, 7435, 7419	09.12.2024 (Reporting time: 09.00 am to 11.00 am)
2.	7425, 7413, 7414, 7416, 7417,7418, 7410, 7427, 7431, 7411,7429, 7438, 7445,7442, 7402, 7406, 7436	10.12.2024 (Reporting time: 09.00 am to 11.00 am)
3.	7401, 7403, 7404, 7424, 7426, 7412, 7415, 7420, 7422, 7405, 7432, 7441, 7409, 7446	11.12.2024 (Reporting time: 09.00 am to 11.00 am)
4.	7437, 7439, 7421, 7407, 7444, 7443	12.12.2024 (Reporting time: 09.00 am to 11.00 am)
5.	7423, 7408, 7433, 7434, 7440	13.12.2024 (Reporting time: 09.00 am to 11.00 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 the 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 projects.
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 above at any stage.

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