



CSIR - INSTITUTE OF MINERALS & MATERIALS TECHNOLOGY

ACHARYA VIHAR, P.O. - RRL,

BHUBANESWAR - 751013

Advertisement No. – PME/P86/2026

Date: 01.09.2026

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,<br>Title of the Project<br>and<br>Duration of the Project                                                                                                                                                                                                                                                                                                                 | Name of the Post<br>and<br>Monthly Emoluments<br>(In Rs.)                                            | No<br>of<br>Posts | Essential Qualification                  | Job Requirement<br>/<br>Desirable<br>Qualification                                                                 | Max. Age<br>as on the<br>last date of<br>receipt of<br>application |
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| 8601      | <p><b>Project No:</b><br/>MMP 085202 - IMMT – WC3</p> <p><b>Title:</b> Recovery of REEs from primary sources like alkaline rock and secondary resources such as coal rejects, fly ash and red mud under CSIR Mission Mode Project “Mapping and Tapping of Critical Metals &amp; Minerals”.</p> <p><b>Sponsoring Agency:</b><br/>CSIR</p> <p><b>Duration up to:</b><br/>31.03.2027</p> | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>Rs.25000/- +<br/>(HRA @20%)</p> | 01                | B.E./B.Tech. in<br>Chemical Engineering. | Knowledge in<br>hydrometallurgical<br>extraction<br>process/solvent<br>extraction and<br>purification of solution. | 35 years                                                           |

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| 8602 | <p><b>Project No:</b> MLP 002625</p> <p><b>Title:</b> Sustainable extractive metallurgy of minerals and valorization of secondary resources for value added minerals and critical elements.</p> <p><b>Sponsoring Agency:</b> CSIR</p> <p><b>Duration up to:</b> 31.03.2027</p> | <p>Project Associate - II (PAT - II)</p> <p><b>Emoluments:</b><br/>           (i) Rs. 35,000/- + HRA @20% for those candidates who have qualified CSIR-UGC/ICAR/ICMR/NET including lectureship/assistant professorship or GATE <b>OR</b> those who have qualified national level examinations conducted by Central Government Departments like DBT/DST or equivalent and/or their agencies/institutions.</p> <p><b>Or</b></p> <p>(ii) Rs. 28,000/- + HRA @20% for candidates who do not fall under (i) above.</p> | 01 | <p>i. M.Sc. in Chemistry/ Applied Chemistry/ Polymer Chemistry/ Polymer Science/ Chemical Science.</p> <p>ii. Two years of relevant experience in research and development in industrial/academic institutions or S&amp;T organizations and scientific activities and services.</p> | Experience in polymer synthesis, organic synthesis, knowledge in characterization of the synthesized molecule through spectroscopy. | 35 years |
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| 8603 | <p><b>Project No:</b> MLP 002625</p> <p><b>Title:</b> Sustainable extractive metallurgy of minerals and valorization of secondary resources for value added minerals and critical elements.</p> <p><b>Sponsoring Agency:</b> CSIR</p> <p><b>Duration up to:</b> 31.03.2027</p> | <p>Senior Project Associate (S - PAT)</p> <p><b>Emoluments:</b><br/>Rs. 42,000/- + (HRA @20%)</p> | 01 | <p>i. B.E./B.Tech. in Computer Science and Engineering/<br/>M.Sc. in Computer Science/MCA</p> <p>ii. Three years of relevant experience (in the area of AI/ML algorithms) in research and development in industrial/academic institutions or S&amp;T organizations and scientific activities and services.</p> <p><b>Or</b></p> <p>i. M.E./M.Tech. in Computer Science and Engineering.</p> <p>ii. Two years of relevant experience in (in the area of AI/ML algorithms) research and development in</p> | <p>AI/ML techniques development and implementation using python and Matlab, data science research.</p> | 40 years |
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|  |  |  |  | <p>industrial/academic institutions or S&amp;T organizations and scientific activities and services.</p> <p><b>Or</b></p> <p>i. PhD in Computer Science and Engineering/IT.</p> <p>ii. Two years of relevant experience (in the area of AI/ML algorithms) in research and development in industrial/academic institutions or S&amp;T organizations and scientific activities and services.</p> |  |  |
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| 8604 | <p><b>Project No:</b> MMP 015204</p> <p><b>Title:</b> Design and development of working prototype 150Kg category loitering munition unmanned aerial vehicle (LM UAV).</p> <p><b>Sponsoring Agency:</b> CSIR</p> <p><b>Duration up to:</b> 31.03.2029</p> | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>Rs. 25,000/- +<br/>(HRA @20%)</p> | 01 | M.Sc. in Chemistry. | Knowledge and experience in leaching, material synthesis, characterization and chemical analysis of raw materials and products. | 35 years |
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| 8605 | <p><b>Project No:</b> IHP 000017</p> <p><b>Title:</b> Value addition to cerium and lanthanum bearing by-products of monazite processing.</p> <p><b>Sponsoring Agency:</b> CSIR</p> <p><b>Duration up to:</b> 31.03.2027</p> | <p>Project Associate - I (PAT - I)</p> <p><b>Emoluments:</b><br/> (i) Rs. 31,000/- + HRA @20% for those candidates who have qualified CSIR-UGC/ICAR/ICMR/NET including lectureship/assistant professorship or GATE <b>OR</b> those who have qualified national level examinations conducted by Central Government Departments like DBT/DST or equivalent and/or their agencies/institutions.</p> <p><b>Or</b></p> <p>(ii) Rs. 25,000/- + HRA @20% for candidates who do not fall under (i) above.</p> | 01 | <p>B.E./B.Tech. in Metallurgical Engineering/ Materials Engineering/ Metallurgical and Materials Engineering/ Material Science/ Nano Technology.</p> <p>Or</p> <p>M.Sc. in Material Science/M.Sc. in Physics with specialization in Material Science/ M.Sc. in Nanotechnology.</p> | Fundamental understanding of metallurgy, manufacturing processes and materials characterization. | 35 years |
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| 8606 | <p><b>Project No:</b> GAP - 418</p> <p><b>Title:</b> Lanthanum Aluminium Titanate derived thermal barrier coatings for aerospace propulsion.</p> <p><b>Sponsoring Agency:</b> Ministry of Mines, New Delhi</p> <p><b>Duration up to:</b> 31.12.2026</p> | <p>Project Associate - II (PAT - II)</p> <p><b>Emoluments:</b><br/> (i) Rs. 35,000/- + HRA @20% for those candidates who have qualified CSIR-UGC/ICAR/ICMR/NET including lectureship/assistant professorship or GATE<br/> <b>OR</b> those who have qualified national level examinations conducted by Central Government Departments like DBT/DST or equivalent and/or their agencies/institutions.</p> <p><b>Or</b></p> <p>(ii) Rs. 28,000/- + HRA @20% for candidates who do not fall under (i) above.</p> | 01 | M.E./M.Tech. in Metallurgy/ Material Science & Engineering. | Experience in thermal spray coatings & mechanical characterization. | 35 years |
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| 8607 | <p><b>Project No:</b> GAP – 0A</p> <p><b>Title:</b> Sustainable beneficiation of Indian coking coal: Integration of air dense medium fluidized bed separator with wet fine coal processing methods.</p> <p><b>Sponsoring Agency:</b><br/>Ministry of Steel</p> <p><b>Duration up to:</b><br/>30.09.2028</p> | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>Rs. 25,000/- +<br/>(HRA @20%)</p> | 01 | B.E./B.Tech. in<br>Mechanical Engineering. | R&D/Industry<br>experience knowledge<br>in mineral processing. | 35 years |
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| 8608 | <p><b>Project No:</b> GAP – 0A</p> <p><b>Title:</b> Sustainable beneficiation of Indian coking coal: Integration of air dense medium fluidized bed separator with wet fine coal processing methods.</p> <p><b>Sponsoring Agency:</b> Ministry of Steel</p> <p><b>Duration up to:</b> 30.09.2028</p> | <p>Project Associate - II (PAT - II)</p> <p><b>Emoluments:</b> Rs. 28,000/- + (HRA @20%)</p> | 01 | <p>i. B.E./B.Tech. in Chemical/Mineral/ Mining/Metallurgical &amp; Materials Engineering.</p> <p>ii. Two years of relevant experience in research and development in industrial/academic institutions or S&amp;T organizations and scientific activities and services.</p> <p>Or</p> <p>M.E./M.Tech. in Chemical/Mineral/ Mining/Metallurgical &amp; Materials Engineering.</p> | <p>R&amp;D/Industry experience knowledge in mineral processing and coal processing.</p> | 35 years |
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| 8609 | <p><b>Project No:</b> FTT 080609</p> <p><b>Title:</b> Recovery of sillimanite values from the low grade quartz sillimanite schists.</p> <p><b>Sponsoring Agency:</b> CSIR</p> <p><b>Duration up to:</b> 31.03.2028</p> | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>Rs. 25,000/- +<br/>(HRA @20%)</p> | 01 | M.Sc. in Chemistry. | Knowledge in the chemical analysis of ore samples.                                    | 35 years |
| 8610 | <p><b>Project No:</b> FBR 060407</p> <p><b>Title:</b> Self powered chiral halide perovskite semiconducting nanogenerator.</p> <p><b>Sponsoring Agency:</b> CSIR</p> <p><b>Duration up to:</b> 31.03.2028</p>           | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>Rs. 25,000/- +<br/>(HRA @20%)</p> | 01 | M.Sc. in Chemistry. | Knowledge in chemical synthesis of semiconductor materials, perovskite materials etc. | 35 years |

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| 8611 | <p><b>Project No:</b><br/>MMP 085202 IMMT WC-4</p> <p><b>Title:</b> Technology development for the recovery of Potash from aluminosilicate minerals.</p> <p><b>Sponsoring Agency:</b><br/>CSIR</p> <p><b>Duration up to:</b><br/>31.03.2027</p>                               | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>Rs. 25,000/- +<br/>(HRA @20%)</p> | 01 | M.Sc. in Geology.                                                            | Experience in ore geology, mineral characterization and processing. | 35 years |
| 8612 | <p><b>Project No:</b><br/>NCP 080401(A)</p> <p><b>Title:</b> Utilization of carbonaceous waste in the iron ore agglomeration and direct reduction for sustainable Iron/DRI making.</p> <p><b>Sponsoring Agency:</b><br/>CSIR</p> <p><b>Duration up to:</b><br/>31.03.2028</p> | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>Rs. 25,000/- +<br/>(HRA @20%)</p> | 01 | B.E./B.Tech. in Metallurgical & Materials Engineering/ Chemical Engineering. | Knowledge in process engineering/<br>high temperature processing.   | 35 years |

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| 8613 | <p><b>Project No:</b> FTT 060610</p> <p><b>Title:</b> Thermochemical conversion of lignite and biomass wastes to valuable gas, liquid and solid products via an integrated gasification system.</p> <p><b>Sponsoring Agency:</b><br/>CSIR</p> <p><b>Duration up to:</b><br/>31.03.2028</p> | <p>Project Assistant - II<br/>(PA - II)</p> <p><b>Emoluments:</b><br/>Rs. 20,000/- +<br/>(HRA @20%)</p> | 01 | B.Sc. in Chemistry. | Basic knowledge of solid sample preparation, catalyst synthesis and data handling. | 35 years |
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| 8614 | <p><b>Project No:</b> FTT 060610</p> <p><b>Title:</b> Thermochemical conversion of lignite and biomass wastes to valuable gas, liquid and solid products via an integrated gasification system.</p> <p><b>Sponsoring Agency:</b> CSIR</p> <p><b>Duration up to:</b> 31.03.2028</p> | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>(i) Rs. 31,000/- + HRA @20% for those candidates who have qualified CSIR-UGC/ICAR/ICMR/NET including lectureship/assistant professorship or GATE <b>OR</b> those who have qualified national level examinations conducted by Central Government Departments like DBT/DST or equivalent and/or their agencies/institutions.</p> <p><b>Or</b></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. | Basic knowledge of physical and chemical analysis of samples, chemical unit operation and data analysis. | 35 years |
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| 8615 | <p><b>Project No:</b> FTT 060610</p> <p><b>Title:</b> Thermochemical conversion of lignite and biomass wastes to valuable gas, liquid and solid products via an integrated gasification system.</p> <p><b>Sponsoring Agency:</b> CSIR</p> <p><b>Duration up to:</b> 31.03.2028</p> | <p>Project Associate - I (PAT - I)</p> <p><b>Emoluments:</b><br/>           (i) Rs. 31,000/- + HRA @20% for those candidates who have qualified CSIR-UGC/ICAR/ICMR/NET including lectureship/assistant professorship or GATE <b>OR</b> those who have qualified national level examinations conducted by Central Government Departments like DBT/DST or equivalent and/or their agencies/institutions.</p> <p><b>Or</b></p> <p>(ii) Rs. 25,000/- + HRA @20% for candidates who do not fall under (i) above.</p> | 01 | B.E./B.Tech. in Mechanical Engineering. | Basic knowledge of physical and chemical analysis of samples, chemical unit operation and maintenance and data collection and analysis. | 35 years |
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| 8616 | <p><b>Project No:</b><br/>MMP 035204</p> <p><b>Title:</b> Performing lab scale steam gasification experiments using torrefied biomass feedstock.</p> <p><b>Sponsoring Agency:</b><br/>CSIR</p> <p><b>Duration up to:</b><br/>31.03.2029</p>            | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>Rs. 25,000/- +<br/>(HRA @20%)</p> | 01 | B.E./B.Tech. in Chemical Engineering.                                                                                              | Basic knowledge of solid sample handling, preparation and analysis, chemical unit operation and data handling. | 35 years |
| 8617 | <p><b>Project No:</b> MMP 085203</p> <p><b>Title:</b> Solar panels, electrical/electronic appliances &amp; air conditioner wastes to sustainable materials.</p> <p><b>Sponsoring Agency:</b><br/>CSIR</p> <p><b>Duration up to:</b><br/>31.03.2028</p> | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>Rs. 25,000/- +<br/>(HRA @20%)</p> | 01 | <p>B.E./B.Tech. in Chemical Engineering/ Material Science &amp; Metallurgy.</p> <p><b>Or</b></p> <p>M.Sc. in Material Science.</p> | Knowledge in high temperature processing techniques and waste recycling.                                       | 35 years |

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| 8618 | <p><b>Project No:</b> CM 8082026</p> <p><b>Title:</b> Plasma enhanced dry beneficiation of Indian high ash coals through integration of cold atmosphere pressure plasma and tribo electrostatic separation.</p> <p><b>Sponsoring Agency:</b> SRTMI</p> <p><b>Duration up to:</b> 31.08.2028</p> | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>Rs. 25,000/- +<br/>(HRA @20%)</p> | 01 | M.Sc. in Chemistry. | Understanding basic chemical processes, mineralogy, beneficiation and characterization techniques.                                          | 35 years |
| 8619 | <p><b>Project No:</b> CM 8082026</p> <p><b>Title:</b> Plasma enhanced dry beneficiation of Indian high ash coals through integration of cold atmosphere pressure plasma and tribo electrostatic separation.</p> <p><b>Sponsoring Agency:</b> SRTMI</p> <p><b>Duration up to:</b> 31.08.2028</p> | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>Rs. 25,000/- +<br/>(HRA @20%)</p> | 01 | M.Sc. in Physics.   | Understanding of plasma discharge dynamics, plasma device development, plasma power sources and generation methods, applications of plasma. | 35 years |

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| 8620 | <p><b>Project No:</b> CM 8082026</p> <p><b>Title:</b> Plasma enhanced dry beneficiation of Indian high ash coals through integration of cold atmosphere pressure plasma and tribo electrostatic separation.</p> <p><b>Sponsoring Agency:</b> SRTMI</p> <p><b>Duration up to:</b> 31.08.2028</p> | <p>Project Associate - II (PAT - II)</p> <p><b>Emoluments:</b> Rs. 28,000/- + (HRA @20%)</p> | 01 | <p>i. B.E./B.Tech. in Electrical, Electronics &amp; Instrumentation Engineering/ Mechatronics Engineering.</p> <p>ii. Two years of relevant experience in research and development in industrial/academic institutions or S&amp;T organizations and scientific activities and services.</p> <p>Or</p> <p>M.E./M.Tech Electrical, Electronics &amp; Instrumentation Engineering/ Mechatronics Engineering.</p> | <p>Experience in high voltage/plasma systems, instrumentation and control, data acquisition, process equipment integration, troubleshooting and preparation of CAD drawings. Experience in electrostatic separation or particle processing.</p> | 35 years |
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| 8621 | <p><b>Project No:</b> FTC - 080604</p> <p><b>Title:</b> Pilot scale development and performance assessment of novel indigenous impellers for energy efficient ultrafine grinding.</p> <p><b>Sponsoring Agency:</b> Innovation Management Directorate, CSIR</p> <p><b>Duration up to:</b> 31.03.2028</p> | <p>Senior Project Associate<br/>(S - PAT)</p> <p><b>Emoluments:</b><br/>Rs. 42,000/- +<br/>(HRA @20%)</p> | 01 | <p>i. M.E./M.Tech. in Material Science/ Nanoscience/ Nanotechnology/ Polymer Nanotechnology.</p> <p>ii. Two years of relevant experience in research and development in industrial/academic institutions or S&amp;T organizations and scientific activities and services.</p> <p><b>Or</b></p> <p>i. M.Sc. in Physics/Chemistry/ Material Science/ Nanoscience.</p> <p>ii. Three years of relevant experience in research and development in industrial/academic institutions or S&amp;T organizations and scientific activities and services.</p> | <p>Experience in modelling and simulation work (CFD, DEM), combustion, reaction engineering, fluid dynamics and thermodynamics</p> | 40 years |
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| 8622 | <p><b>Project No:</b> FBR 060407</p> <p><b>Title:</b> Self powered chiral halide perovskite semiconducting nano-generator.</p> <p><b>Sponsoring Agency:</b> CSIR</p> <p><b>Duration up to:</b> 31.03.2028</p> | <p>Project Associate - II (PAT - II)</p> <p><b>Emoluments:</b> Rs. 28,000/- + (HRA @20%)</p> | 01 | <p>i. M.Sc. in Chemistry/Materials Science.</p> <p>ii. Two years of relevant experience in research and development in industrial/academic institutions or S&amp;T organizations and scientific activities and services.</p> <p><b>Or</b></p> <p>M.E./M.Tech in Material Science.</p> | Experience in chemical synthesis of inorganic materials, halide perovskite materials and energy harvesting device fabrications etc. | 35 years |
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| 8623 | <p><b>Project No:</b> FBR 060407</p> <p><b>Title:</b> Self powered chiral halide perovskite semiconducting nano-generator.</p> <p><b>Sponsoring Agency:</b> CSIR</p> <p><b>Duration up to:</b> 31.03.2028</p> | <p>Senior Project Associate<br/>(S - PAT)</p> <p><b>Emoluments:</b><br/>Rs. 42,000/- +<br/>(HRA @20%)</p> | 01 | <p>i. M.Sc. in Physics/Chemistry.</p> <p>ii. Three years of relevant experience in research and development in industrial/academic institutions or S&amp;T organizations and scientific activities and services.</p> <p><b>Or</b></p> <p>i. PhD in Chemistry/Physics.</p> <p>ii. Two years of relevant experience in research and development in industrial/academic institutions or S&amp;T organizations and scientific activities and services.</p> | <p>Publications/patents in designing/synthesis of halide perovskites, semiconductor materials, inorganic materials, experiences on energy harvesting devices etc.</p> | 40 years |
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| 8624 | <p><b>Project No:</b> GAP – 443</p> <p><b>Title:</b> Synergetic recovery of TiO<sub>2</sub> and preparation of TiB<sub>2</sub> from ilmenite by thermal plasma process.</p> <p><b>Sponsoring Agency:</b><br/>Dept. of Atomic Energy.</p> <p><b>Duration up to:</b><br/>29.07.2029</p> | <p>Junior Research Fellow (JRF)</p> <p><b>Emoluments:</b><br/>Rs. 37,000/- + (HRA @20%)</p> | 01 | <p>B.E./B.Tech. in Metallurgy and Material Science.</p> <p><b>Or</b></p> <p>M.Sc. in Material Science.</p> | <p>Experience in thermal plasma and characterization techniques viz. XRD, SEM etc.</p> | 28 years |
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| 8625 | <p><b>Project No:</b> GAP - 422</p> <p><b>Title:</b> Development of compositionally graded tungsten alloys by conventional and advanced processing routes for ultra-high temperature applications.</p> <p><b>Sponsoring Agency:</b> DST, New Delhi.</p> <p><b>Duration up to:</b> 16.04.2027</p> | <p>Junior Research Fellow (JRF)</p> <p><b>Emoluments:</b> Rs. 37,000/- + HRA@20%.</p> | 01 | <p>i. B.E./B.Tech. in Mechanical Engineering/ Chemical Engineering/ Metallurgical &amp; Materials Engineering.</p> <p>ii. Qualified in CSIR-UGC/ICAR/ICMR/ NET including lectureship/assistant professorship or GATE with valid score <b>or</b> qualified in national level examinations conducted by Central Government Departments or equivalent and/or their agencies/institutions.</p> | <p>Conducting experiments, data analysis and interpretation.</p> | 28 years |
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| 8626 | <p><b>Project No:</b> MMP 035204</p> <p><b>Title:</b> Feasibility assessment of biochar processing from rice straw, cotton stalk and bagasse as a renewable carbon for iron and steel industries.</p> <p><b>Sponsoring Agency:</b> CSIR</p> <p><b>Duration up to:</b> 31.03.2029</p> | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>Rs. 25,000/- +<br/>(HRA @20%)</p> | 01 | M.Sc. in Chemistry.                                                                                      | Biomass pyrolysis, biomass gasification, analytical methods.    | 35 years |
| 8627 | <p><b>Project No:</b> FBR 030408</p> <p><b>Title:</b> Electrochemical conversion of di-nitrogen to green ammonia.</p> <p><b>Sponsoring Agency:</b> CSIR</p> <p><b>Duration up to:</b> 31.03.2028</p>                                                                                 | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>Rs. 25,000/- +<br/>(HRA @20%)</p> | 02 | M.Sc. in Chemistry/<br>Polymer Chemistry<br>Polymer Science/<br>Material Science/<br>Material Chemistry. | Materials characterization, Synthesis, electrochemical studies. | 35 years |

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| 8628 | <p><b>Project No:</b> FBR 030408</p> <p><b>Title:</b> Electrochemical conversion of di-nitrogen to green ammonia.</p> <p><b>Sponsoring Agency:</b> CSIR</p> <p><b>Duration up to:</b> 31.03.2028</p> | <p>Senior Project Associate (S - PAT)</p> <p><b>Emoluments:</b> Rs. 42,000/- + (HRA @20%)</p> | 01 | <p>i. M.Sc. in Chemistry/<br/>Polymer Chemistry<br/>Polymer Science/<br/>Material Science/<br/>Material Chemistry.</p> <p>ii. Three years of relevant experience in research and development in industrial/academic institutions or S&amp;T organizations and scientific activities and services.</p> <p><b>Or</b></p> <p>i. PhD in Chemistry/<br/>Polymer Chemistry<br/>Polymer Science/<br/>Material Science/<br/>Material Chemistry.</p> <p>ii. Two years of relevant experience in research and</p> | Material synthesis, characterization, fabrication of electrochemical cells, electrochemical studies. | 40 years |
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|      |                                                                                                                                                                                                                       |                                                                                   |    | development in industrial/academic institutions or S&T organizations and scientific activities and services. |                                                                 |          |
| 8629 | <b>Project No:</b> GAP - 409<br><br><b>Title:</b> Development of transparent, hard, anti-scratch ternary Al-Ge-N thin films.<br><br><b>Sponsoring Agency:</b> IGSTC - WISER<br><br><b>Duration up to :</b> 30.07.2027 | Project Associate - I (PAT - I)<br><br><b>Emoluments:</b> Rs. 25,000/- + HRA@20%. | 01 | M.Sc. in Physics.                                                                                            | Experience in Thin Film hard coatings and its characterization. | 35 years |

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| 8630 | <p><b>Project No:</b> GAP - 442</p> <p><b>Title:</b> Critical and strategic mineral prospectively in the bangiriposhi sector, northern Odisha: Tectono Magmatic insights from the singhbhum craton north singhbhum mobile belt interface.</p> <p><b>Sponsoring Agency:</b><br/>DST</p> <p><b>Duration up to:</b><br/>03.06.2029</p> | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>Rs. 30,000/- + HRA@20%.</p> | 01 | M.Sc. in Geology/<br>Applied Geology. | Characterization of geological samples, field work and sampling. | 35 years |
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| 8631 | <p><b>Project No:</b> FBR - 03</p> <p><b>Title:</b> Self powered chiral halide perovskite semiconducting nano generator.</p> <p><b>Sponsoring Agency:</b> CSIR</p> <p><b>Duration up to:</b> 31.03.2028</p> | <p>Project Associate - II (PAT - II)</p> <p><b>Emoluments:</b> Rs. 28,000/- + (HRA @20%)</p> | 01 | <p>i. M.Sc. in Chemistry/Physics/ Material Science.</p> <p>ii. Two years of relevant experience in research and development in industrial/academic institutions or S&amp;T organizations and scientific activities and services.</p> <p><b>Or</b></p> <p>M.Tech. in Materials Science</p> | <p>Experience in chemical synthesis of inorganic materials, halide perovskite materials and energy harvesting device fabrications etc.</p> | 35 years |
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| 8632 | <p><b>Project No:</b> FBR - 03</p> <p><b>Title:</b> Self powered chiral halide perovskite semiconducting nano generator.</p> <p><b>Sponsoring Agency:</b> CSIR</p> <p><b>Duration up to:</b> 31.03.2028</p> | <p>Senior Project Associate<br/>(S - PAT)</p> <p><b>Emoluments:</b><br/>Rs. 42,000/- +<br/>(HRA @20%)</p> | 01 | <p>i. M.Sc. in Chemistry/ 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><b>Or</b></p> <p>i. PhD in Chemistry/ 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>Publication/patents in designing/synthesis of halide perovskites, semiconductor materials, inorganic materials, experiences on energy harvesting devices etc.</p> | 40 years |
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| 8633 | <p><b>Project No:</b> GAP - 437</p> <p><b>Title:</b> Pilot scale testing of process flowsheet for preparation of anhydrous magnesium chloride from sea water bitterns.</p> <p><b>Sponsoring Agency:</b><br/>NRB/DRDO</p> <p><b>Duration up to :</b><br/>30.09.2028</p> | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>Rs. 25,000/- +<br/>HRA@20%.</p>    | 01 | M.Sc. in Chemistry.      | Hydrometallurgical unit operations, characterization, analysis, spray dryer operations. | 35 years |
| 8634 | <p><b>Project No:</b> MMP 045201</p> <p><b>Title:</b> CSIR Mission mode project on smart village.</p> <p><b>Sponsoring Agency:</b><br/>CSIR</p> <p><b>Duration up to:</b><br/>31.03.2028</p>                                                                           | <p>Project Assistant - II<br/>(PA - II)</p> <p><b>Emoluments:</b><br/>Rs. 20,000/- +<br/>(HRA @20%)</p> | 01 | B.Sc. in Botany/Zoology. | Interest in field work, societal technology interfacing.                                | 35 years |

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| 8635 | <p><b>Project No:</b> GAP - 444</p> <p><b>Title:</b> Development of polyhydroxyalkanoates (PHA)-based composites with agro waste derived nanostructures for sustainable packaging and plant bio stimulants.</p> <p><b>Sponsoring Agency:</b><br/>ANRF</p> <p><b>Duration up to:</b><br/>02.07.2029</p> | <p>Project Associate - I<br/>(PAT - I)</p> <p><b>Emoluments:</b><br/>(i) Rs. 37,000/- + HRA @20% for those candidates who have qualified CSIR-UGC/ICAR/ICMR/NET including lectureship/assistant professorship or GATE <b>OR</b> those who have qualified national level examinations conducted by Central Government Departments like DBT/DST or equivalent and/or their agencies/institutions.</p> <p><b>Or</b></p> <p>(ii) Rs. 30,000/- + HRA @20% for candidates who do not fall under (i) above.</p> | 01 | M.Sc. in Microbiology/<br>Biotechnology |  | 50 years |
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| 8636 | <b>Project No:</b> OLP - 145<br><br><b>Title:</b> Setting up of iron ore pelletization pilot plant.<br><br><b>Sponsoring Agency:</b> CSIR<br><br><b>Duration up to:</b> 31.03.2029                                                                     | Project Assistant - II<br>(PA - II)<br><br><b>Emoluments:</b><br>Rs. 20,000/- +<br>(HRA @20%) | 01 | Diploma in Mechanical Engineering.                         | R&D/Industry experience in mineral beneficiation or iron ore pelletization, knowledge in AutoCAD. | 35 years |
| 8637 | <b>Project No:</b> SSP - 487<br><br><b>Title:</b> Recovery and extraction of PGE values from the low grade PGE ores of Bangur ML of OMC Ltd.<br><br><b>Sponsoring Agency:</b> Odisha Mining Corporation Ltd.<br><br><b>Duration up to :</b> 31.03.2027 | Project Associate - I<br>(PAT - I)<br><br><b>Emoluments:</b><br>Rs. 25,000/- +<br>HRA@20%.    | 01 | B.E./B.Tech. in Electronics and Communication Engineering. | Mineral processing laboratory experience.                                                         | 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 **15.09.2026 (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](https://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 (10<sup>th</sup> /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](mailto:rects.immt@csir.res.in) on or before **14.09.2026 (Up to 04.00 pm).**

**Interview Dates:-**

| <b>Sl. No.</b> | <b>Post Codes</b>                                                                                    | <b>Subject/Branch</b>                                                                                     | <b>Tentative Date of Interview<br/>at<br/>CSIR – IMMT<br/>(Walk in Interview) *</b> |
|----------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1.             | 8602, 8604, 8609,<br>8610, 8613, 8618,<br>8621, 8622, 8623,<br>8626, 8627, 8628,<br>8631, 8632, 8633 | Chemistry, Applied<br>Chemistry, Polymer Chemistry,<br>Polymer Science, Chemical<br>Science.              | <b>23.09.2026</b><br>(Reporting time: 09.00 am to<br>10.30 am)                      |
| 2.             | 8603                                                                                                 | Computer Science and<br>Engineering, M.Sc. in<br>Computer Science, MCA                                    | <b>23.09.2026</b><br>(Reporting time: 09.00 am to<br>10.30 am)                      |
| 3.             | 8607, 8615, 8636                                                                                     | Mechanical Engineering                                                                                    | <b>24.09.2026</b><br>(Reporting time: 09.00 am to<br>10.30 am)                      |
| 4.             | 8611, 8630                                                                                           | Geology                                                                                                   | <b>24.09.2026</b><br>(Reporting time: 09.00 am to<br>10.30 am)                      |
| 5.             | 8634, 8635                                                                                           | Microbiology,<br>Biotechnology, Zoology,<br>Botany                                                        | <b>24.09.2026</b><br>(Reporting time: 09.00 am to<br>10.30 am)                      |
| 6.             | 8619, 8629                                                                                           | Physics                                                                                                   | <b>25.09.2026</b><br>(Reporting time: 09.00 am to<br>10.30 am)                      |
| 7.             | 8620, 8637                                                                                           | Electrical, Electronics &<br>Instrumentation<br>Engineering,<br>Mechatronics Engineering.                 | <b>25.09.2026</b><br>(Reporting time: 09.00 am to<br>10.30 am)                      |
| 8.             | 8601, 8605, 8606,<br>8608, 8612, 8614,                                                               | Chemical Engineering,<br>Materials Engineering,<br>Mechanical Engineering,<br>Metallurgical and Materials | <b>25.09.2026</b>                                                                   |

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|--|---------------------------|----------------------------------------------------|-------------------------------------------|
|  | 8616, 8617, 8624,<br>8625 | Engineering, Material Science,<br>Nano Technology. | (Reporting time: 09.00 am to<br>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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