



CSIR - INSTITUTE OF MINERALS & MATERIALS TECHNOLOGY

ACHARYA VIHAR, P.O. - RRL,

BHUBANESWAR - 751013

Advertisement No. – PME/P64/2023

Date: 02.05.2023

CSIR – Institute of Minerals and Materials Technology invites 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 position 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	E - Mail address to which application along with all the documents to be sent by the candidates
6401	Project No: SSP – 462 Title: Studies on chemical characteristics of PGE ores of Bangur ML of OMC Ltd. Duration : 24.08.2023	Project Associate - I Emoluments: Rs. 25,000/- + HRA as per rule.	01	B.E./B.Tech. in Mineral Engineering Or, M.Sc. in Geology	Knowledge of mineral characterization, laboratory sample work, chemical analysis etc.	35 years	shivakumar@immt.res.in

6402	<p>Project No: SSP – 419</p> <p>Title: Environmental pollution monitoring in and around Paradip port</p> <p>Duration : 31.11.2024</p>	<p>Project Associate - I</p> <p>Emoluments: (i) Rs. 31,000/- + HRA as per rule for candidates having valid CSIR – UGC NET/GATE score.</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 Chemistry	Environmental monitoring and analysis of ambient air, water, sediment, noise and operation of various analytical instruments.	35 years	boopathy@immt.res.in
6403	<p>Project No: SSP – 466</p> <p>Title: Pelletization studies of Nickel-Rich overburden sample.</p> <p>Duration : 31.01.2024</p>	<p>Project Associate - I</p> <p>Emoluments: Rs. 25,000/- + HRA as per rule.</p>	01	B.E./B.Tech. in Mineral Engineering/Metallurgy/ Metallurgical & Materials Engineering	Experience in mineral processing, pelletization and iron making.	35 years	jnpanda@immt.res.in

6404	<p>Project No: SSP – 466</p> <p>Title: Pelletization studies of Nickel-Rich overburden sample.</p> <p>Duration : 31.01.2024</p>	<p>Project Associate - II</p> <p>Emoluments: Rs. 28,000/- + HRA as per rule.</p>	01	<p>i. B.E./B.Tech. in Mineral Engineering/Metallurgy/ Metallurgical & Materials Engineering</p> <p>ii. Two years of relevant experience in research and development in industrial and academic institutions or science organizations and scientific activities and services</p>	Experience in mineral processing, pelletization and iron making	35 years	jnpanda@immt.res.in
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6405	<p>Project No: GAP - 361</p> <p>Title: Development of nano-sized magnetite from mill scale for printing application.</p> <p>Duration : 31.03.2024</p>	<p>Project Associate - I</p> <p>Emoluments: Rs. 25,000/- + HRA as per rule.</p>	01	M.Sc. in Physics	Knowledge in magnetic materials	35 years	kjsankaran@immt.res.in
6406	<p>Project No: GAP - 379</p> <p>Title: Selective removal of CO₂ from the gas produced from coal/biomass using suitable media for gas enrichment.</p> <p>Duration : 31.03.2024</p>	<p>Project Associate - II</p> <p>Emoluments: Rs. 28,000/- + HRA as per rule.</p>	01	<p>i. M.Sc. in Geology Or, Bachelor's degree in Mineral Engineering</p> <p>ii. Two years of relevant experience in research and development.</p>	Knowledge in mineral processing, laboratory work and characterization techniques.	35 years	pprusti@immt.res.in

6407	<p>Project No: GAP - 379</p> <p>Title: Selective removal of CO₂ from the gas produced from coal/biomass using suitable media for gas enrichment.</p> <p>Duration : 31.03.2024</p>	<p>Senior Project Associate</p> <p>Emoluments: Rs. 42,000/- + HRA as per rule.</p>	01	<p>i. M.E./M.Tech. in Mechanical Engineering/Chemical Engineering</p> <p>ii. Two years of relevant experience in research and development.</p>	<p>Reaction and reactor calculations for CO₂ capture.</p>	40 years	pprusti@immt.res.in
6408	<p>Project No: GAP - 301</p> <p>Title: Technology development (extractive metallurgy) for polymetallic nodules (PMN)</p> <p>Duration : 31.03.2026</p>	<p>Project Assistant</p> <p>Emoluments: Rs. 20,000/- + HRA as per rule.</p>	01	<p>Diploma in Mechanical Engineering.</p>	<p>Experience in autoclave leaching experiments.</p>	50 years	barsham@immt.res.in

6409	<p>Project No: GAP - 325</p> <p>Title: Development of earth abundant heterostructured photocatalyst based solar H₂ generation reactor/process</p> <p>Duration : 31.10.2023</p>	<p>Project Associate - II</p> <p>Emoluments: (i) Rs. 35,000/- + HRA as per rule for candidates having valid CSIR – UGC NET/GATE score.</p> <p>Or (ii) Rs. 28,000/- + HRA as per rule for candidates who do not fall under (i) above.</p>	01	<p>i. M.Sc. in Chemistry</p> <p>ii. Two years of relevant experience in research and development.</p>	Experience in simulations, theoretical calculations to validate the experiment results.	35 years	yschaudhary@immt.res.in
6410	<p>Project No: MLP - 74</p> <p>Title: Common research and technology development hub (CRTDH)</p> <p>Duration : 31.01.2024</p>	<p>Project Assistant</p> <p>Emoluments: Rs. 20,000/- + HRA as per rule.</p>	01	Bachelor's degree in Science	For preparing the technical reports, compilations of data, operation of equipment in the CRTDH.	50 years	yschaudhary@immt.res.in

6411	<p>Project No: MLP - 74</p> <p>Title: Common research and technology development hub (CRTDH)</p> <p>Duration : 31.01.2024</p>	<p>Project Associate - I</p> <p>Emoluments: (i) Rs. 31,000/- + HRA as per rule for candidates having valid CSIR – UGC NET/GATE score. Or (ii) Rs. 25,000/- + HRA as per rule for candidates who do not fall under (i) above.</p>	01	M.Sc. in Chemistry/Physics	To work on the materials synthesis and their characterization	35 years	yschaudhary@immt.res.in
6412	<p>Project No: GAP - 380</p> <p>Title: Integrated treatment of lignite and acid mine drainage for remediation of pollutants and generation of clean coal, bio-methane and bio-composites: A circular Bio-economy approach</p> <p>Duration : 15.03.2026</p>	<p>Project –Junior Research Fellow (P-JRF)</p> <p>Emoluments: (i) Rs. 31,000/- + HRA as per rule</p>	01	M.Sc./M.Tech. in Microbiology/ Biotechnology/ Life Sciences with valid CSIR-UGC- NET(JRF/LS)/GATE/ DBT-JRF/ ICMR-JRF/ICAR-NET score.	Candidate will be required to travel for onsite sample collection, collaboration and networking with other institutions, scientific writing etc.	35 years	npradhan@immt.res.in

Candidates must go through the details of this advertisement available in CSIR – IMMT website before submission of application.

The candidates are required to **send the duly filled in application along with self-attested copies of all the required documents / certificates in a single pdf file to the E-Mail ID's given against each post code (In column no 8).**

Applications received by any other mode other than prescribed in above will be summarily rejected.

The last date for receipt of application is 18.05.2023. Applications received after the stipulated date will not be considered.

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 as per the need of the project.
3. The engagement of project staffs would be governed by the guidelines relating to engagement of project staff in CSIR Projects including NMITLI projects, OLP/MLP, contract R&D and non-CSIR funded Projects issued by DST/CSIR/sponsoring agency.
4. Before applying for the post, the candidate should ensure that he/she fulfills the eligibility and other criteria. Recruitment authorities would be free to reject application not fulfilling the requisite criteria, at any stage of recruitment.
5. **Candidates who wish to apply for more than one post need to apply separately for each position.**
6. **The date for determining age/essential qualification and experience shall be the last date of submission of application. Result awaiting candidates are not eligible for apply.**
7. The upper age limit is relaxable up to 5 years in case of SC/ST/PWD/Woman candidates whereas 3 years in case of OBCs (Non-Creamy layer candidates) as per Govt. of India norms.
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. Community (caste status) once mentioned by the candidates in the appropriate place of application form, will be treated as final and the same shall not be changed subsequently under any circumstances.
10. The applications received will be screened for short-listing the candidates as per the criteria fixed by the Competent Authority. **Mere fulfilling of minimum qualification by itself would not entail any right to be called for interview.**
11. Eligible applicants will be interviewed online and the date and time of online interview will be intimated in due course of time. Applicants are requested to follow the CSIR - IMMT website regularly for any update.
12. The above positions are purely temporary and co-terminus with the aforementioned projects. The engagement in these projects will not confer any right implicit or explicit on the candidate for consideration for regularization against any CSIR/CSIR - IMMT post(s). Engagement may be terminated at any time at a notice of one month from either side or one month Emoluments in lieu thereof.
13. 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.**
14. 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) may increase/decrease, as per the requirement of the Institute. The decision of the Institute shall be final in this regard. **Interim enquiries in this respect will not be entertained.** Applicants are requested to check CSIR – IMMT website from time to time for any further update in this regard.
15. Total tenure of engagement (current as well as service rendered earlier in CSIR-IMMT and/or any other CSIR lab/ head quarter taken together), will be limited to

five (05) years only. Candidate(s) who worked as Project Personnel in CSIR - IMMT or any other Lab/Institute of CSIR for more than or equal to Five Years are not eligible for the above mentioned position.

16. If any candidate is currently working in any project at CSIR-IMMT/any other lab/institute/organization, he/she must have to obtain **No Objection Certificate (NOC)** from the concern Project Investigator/Leader/Institute/Organization. In case if he/she did not submit NOC, his/her application will be summarily rejected.
17. Unless otherwise mentioned, equivalent/higher degrees shall not be considered as essential qualification for any position.
18. **The above positions are purely temporary and initial offer for engagement in any project shall be for a period of maximum one year or up to the duration of the project whichever is lower.** However, the engagement may be extended or curtailed depending upon the duration of the project and (or) performance of the candidate.
19. The original documents including educational qualification, birth/SSLC certificate, community 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.
20. 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.
21. This advertisement should not be construed as binding on the CSIR – IMMT to make appointment.

22.No interim enquiry or correspondence will be entertained. The decision of the Director, CSIR – IMMT will be final and binding.

23.Director, CSIR-IMMT reserves all rights to cancel the recruitment of any or all of the positions advertised above at any stage and reject any application without assigning any reason whatsoever.

How to Apply:-

1. Candidates must go through the details of this advertisement available in CSIR – IMMT website before submission of application.

2. The candidates are required to download the application form annexed with this advertisement from CSIR – IMMT website and should fill the application form very carefully and sign it.

3. The candidates are required to send the scanned copies of following certificates/documents as per the following order in a single pdf file to the prescribed e-mail ID specified against each post code.

i. Application form duly completed in all respect and signed.

ii. Self attested photocopy of identity proof (Aadhaar Card / Voter ID Card / PAN Card / Passport / Driving License).

iii. Self attested photocopies of all educational qualification certificates (Mark sheets of all years/semesters and certificates).

(In case Universities/Board award letter grades/CGPA/OGPA, the candidates are required to convert it to equivalent percentage of marks as per the norms adopted by the University/Board and fill up the application form accordingly at appropriate place. The candidates are required to send the self-attested photocopies of the norms of the University/Board for conversion of grades/CGPA/OGPA to equivalent percentage of marks along with the educational qualification certificates.)

iv. Self-attested photocopies of experience certificate(s).

v. Self-attested photocopy of NET/GATE certificate.

vi. Self-attested photocopy of “No Objection certificate” (if applicable).

vii. Self-attested Photocopy of cast certificate in the prescribed format issued by the Competent Authority as prescribed by Government of India.

viii. Self-attested photocopy of publications (if any).

4. The candidates must mention the position applied for, post code and project number in the subject of the E-mail as given below.

Application for the position of _____ (Post Code _____,
Project No _____).

5. Candidates who wish to apply for more than one post need to apply separately for each position.

Note:-

a) Incomplete applications (Non indication of post code applied for, applications without photograph, signature, applications without supporting documents etc.), applications received after the last date of submission as specified in the advertisement, applications received through any other mode other than prescribed in above and applications for multiple posts in a single application form will not be considered and summarily rejected.

b) Resume/Bio-data will not be considered as Application.