

NATIONAL METALLURGICAL LABORATORY
(Council of Scientific and Industrial Research)
Jamshedpur 831 007

ADVERTISEMENT No. 3/2008

National Metallurgical Laboratory, Jamshedpur, a constituent establishment of the Council of Scientific & Industrial Research (CSIR), is a leading R&D organisation engaged in a large number of time bound projects of National/International importance as also in active research relating to mineral beneficiation, extraction of ferrous and non-ferrous metals, refractories, development of engineered materials, corrosion protection, failure analysis, remaining life assessment of components, process modelling etc. The laboratory is well equipped with infrastructure facilities like good library, computer centre, electronics and instrumentation, workshop besides having modern sophisticated instruments for carrying out R&D tasks.

Applications are invited in the prescribed form from Indian nationals for the following posts.

Sl No	Category of post	No. of vacancies & reservation status	Essential Qualification & Experience	Desirable Qualification & Experience	Job requirements
1	Tech. Staff Gr.III(1) Pay Scale : Rs. 4500-7000/- Age : Not exceeding 28 years	04 UR-02 SC-01 OBC-1	1 st class Diploma of 3 yrs full time duration or equivalent qualification in Mech Engg. / Refrigeration & air Conditioning/ Civil Engg. Or 1 st class B.Lib.Sci. or equivalent qualification.	1 st class Diploma in Mech Engg./ Refrigeration & Air Conditioning /Civil Engg. with 2 yrs relevant experience. Or 1 st class B.E. /B.Tech in Mech. Engg./Civil Engg. Or 1 st class B.Lib.Sci. (with Science background) with BCA/DCA.(1 st Class) Or M.Lib.Sci. (with B.Sc.) with knowledge of computer.	Design & Drafting of Mech. Equipment & familiarity with Autocad / Coordination of operation & maintenance of central & package A/C plants & other refrigeration equipments, handling of contractual jobs including preparation of BOQ/Civil construction work including that of contract cell and executing jobs as per CPWD/GOI rules /Library automation /networking/digital library/tech publishing .
2	Tech. Staff Gr.III(2) Pay Scale : Rs. 5500-9000/- Age : Not exceeding 28 years	02 UR-01 SC -01	1 st class Diploma of 3 yrs full time duration in Mech. / Met. /Chem. Engg with 3 yrs experience. Or B.E./B.Tech in Mech./Met./Chem. Engg.	1 st class B.E. /B.Tech in Mech./ Met./ Chem. Engg.	Sintering and pelletisation of fines (Agglomeration) and handling of related sophisticated equipment / Fine particle characterization (BET Surface area, Zeta potential) /Operation & maintenance of mechanical working equipment (rolling, forging extrusion etc.) and standardization of related process.

3	Tech. Staff Gr.III(3) Pay Scale : Rs. 6500-10500/- Age : Not exceeding 30 years	02 UR-01 OBC-1	1 st class Diploma of 3 yrs full time duration or equivalent qualification in Mech./Chem./Met. Engg. with 6 yrs experience. Or B.E. /B.Tech. in Mech. /Chem./Met. Engg. with 3 yrs relevant experience. Or MCA or equivalent with min. of 55% marks and 3 yrs relevant experience.	1 st class B.E./B.Tech in Mech. / Chem. /Met. Engg. with 3 yrs relevant experience. Or 1 st class MCA or equivalent and 3 yrs relevant experience.	Operation and maintenance of Mineral, Chemical, Metallurgical plants and handling of sophisticated equipment / Maintenance of Software and relational database management system of languages Oracle, SQL & writing software using C/C++, Java, PHP and understanding of UNIX Operating System .
4	Tech. Staff Gr.III(4) Pay Scale : Rs. 8000-13500/- Age : Not exceeding 35 years	01 OBC-1* *Backlog vacancy	1 st class Diploma of 3 yrs full time duration or equivalent qualification in Met. Engg. with 9 yrs experience. Or B.E. /B.Tech. or equivalent qualification in Met. Engg. with 6 yrs relevant experience.	1 st class B.E. /B.Tech. in Met. Engg. or equivalent qualification with 6 yrs relevant experience	To assist in R & D activities on Physical / Micro-structure characterization (SEM, TEM), Preparation of advanced materials & Operation and maintenance of equipment .
5	Tech. Staff Gr.III(5) Pay Scale : Rs. 10000-15200/- Age : Not exceeding 40 years	01 UR	M.Sc. in Inorganic /Analytical Chemistry or equivalent qualification with min of 55% marks with 9 Yrs relevant experience.	1 st class M.Sc. in Inorganic / Analytical Chemistry with 9 Yrs relevant experience.	To carry out conventional and instrumental analysis of ores, minerals, metals, alloys and environmental samples.
6	Gr.II(1) Pay Scale : Rs. 3050-4590/- Age : Not exceeding 28 years	13 UR-07 SC-01 ST-03 OBC-2	SSC/10 th standard with 50% marks in the aggregate and ITI certificate of 2 Yrs duration in Mechanical trade – machining, turning, fitting, plumbing, Mechanical maintenance, moulding /Electrical trade/Electronics.	ITI certificate(1 st class) along with 2 yrs of relevant experience.	Machining turning job /Operation and mechanical maintenance of equipment/Furnaces /Operation and maintenance of mineral/chemical processing units (crushing grinding, flotation, plumbing) and sample preparation for mineralogy / Operation and maintenance of high temperature furnaces (Arc, induction, vacuum, resistance type etc.) and pyrometallurgical facilities / Operation and maintenance of mechanical /electrical units such as heat treatment furnaces/creep testing equipment etc. and sample preparation .

7	Gr.II(2) Pay Scale : Rs. 4500-7000/- Age : Not exceeding 28 years	10 UR-05 SC-01 ST-01 OBC-3* (*01- Backlog vacancy)	SSC/10 th standard with 50% marks in the aggregate and ITI certificate of 2 Yrs duration in Mechanical trade- millwrite fitter, plumbing, machining & fabrication and air- conditioning/Electron ics/Instrumentation/ printing & publishing with 5 yrs relevant experience. Or SSSC/12 th standard with relevant technical subjects and min. of 60% marks in aggregate and 5 yrs experience as described in the job requirements.	ITI certificate(1 st class) along with 5 yrs of relevant experience. Or Diploma (1 st class in Mech./Met. Chem. Engg./ Electronics & Instrumentation /EDP with 3 yrs experience in relevant area. Or BCA (1 st Class) with 'O' Level / Diploma of 3 yrs duration in computer application, along with 2 yrs relevant experience.	Mechanical maintenance precision fitting - machining & fabrication / Refrigeration & air conditioning/ plumbing /Operation and maintenance of chemical / hydrometallurgical units/ mechanical working/ forming facilities(rolling, forging, extrusion etc.) / Mechanical Testing / Non- destructive testing / electronic data processing and documentation related to human resource development./ e- publishing / database creation & management.
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NB :-

1. One vacancy out of 04 posts from Gr.III(2) to Gr.III(3) is reserved for PWD (**Orthopaedically handicapped (not under cerebral Palsy)**).
2. One vacancy out of 23 posts from Gr.II(1) to Gr.II(2) is reserved for PWD other than Visually Handicapped.

How to Apply : Application form can be downloaded from <http://www.nmlindia.org> or can be had from the office of the Administrative Officer, National Metallurgical Laboratory, Jamshedpur - 831 007 in person or by sending a request for issue of an application form, along with a self addressed envelope of the size of 23x11 cms. affixed with postage stamps of Rs 10/-. Applications complete in all respects, supported by attested copies of certificates of educational qualifications, marksheets, experience certificates, community/category certificate (SC/ST/OBC/PWD etc.) along with crossed D.D. for Rs.100/- valid for at least six months drawn in favour of the Director, National Metallurgical Laboratory, Jamshedpur - 831 007 payable at State Bank of India, NML Branch, Jamshedpur should be sent to Administrative Officer , National Metallurgical Laboratory, Jamshedpur - 831 007 so as to reach on or before 30-06-2008. Candidates belonging to SC/ST/PWD categories and departmental candidates (CSIR Labs./Inst.) need not pay any application fee.

GENERAL CONDITIONS :-

1. Total number of posts may vary.
2. Applications for the post of Gr.II(1), Gr.II(2), Gr.III(1) , Gr.III(2), Gr.III(3), Gr.III(4) & Gr.III(5) etc should be submitted separately with necessary enclosures including D.D. indicating clearly the Advertisement No., Category & Name of the post on the top of the envelope containing application.
3. All posts carry usual allowances as admissible under the Central Government Rules as applicable to the CSIR. Higher initial pay may be considered for meritorious candidates.
4. The candidates selected will be governed by the provisions of the New Pension Scheme as introduced by the Govt. of India w.e.f. 01-01-2004 to the extent made applicable by CSIR to its employees; instead of C.C.S. (Pension) Rules, GPF Rules etc.

5. Applications from candidates working in Government departments, public sectors, autonomous organisations and Government funded research agencies will be considered only if forwarded through proper channel and with no objection certificate that the applicant will be relieved within one month of receipt of the appointment order. However, advance copy of the application may be submitted before the closing date and no objection certificate may be submitted at the time of interview. Applications routed through proper channel should reach this Laboratory, at the earliest.
6. Mere fulfilling the minimum prescribed qualifications and experience will not vest any right in a candidate for being called for interview/trade test. Only those candidates who in the opinion of the laboratory authorities suit the institutional requirements will be called for the same. The laboratory reserves the right to call for the interview only those candidates who in its opinion are likely to be suitable and will not entertain any correspondence in respect of other applications.
7. Besides Head Quarters at Jamshedpur, selected candidates may be posted to NML Centre located at Chennai.
8. Relaxation in age limit maximum upto 5 years and 3 years in respect of SC/ST and OBC candidates respectively will be admissible who apply for the posts reserved for them.
9. Relaxation in age for other entitled categories shall be admissible as per Govt. of India/CSIR rules.
10. Relaxation in the upper age limit will be admissible to the residents of the state of Jammu & Kashmir in accordance with the "Residents of the state of J&K (relaxation of upper age limit for recruitment to Central Civil Services and posts) 1977 " and amendments made thereto.
11. Relaxation in age limit, qualification and/or experience will be allowed in case of exceptionally meritorious candidates (both Departmental and outsiders) with the prior approval of Competent Authority of CSIR.
12. The period of experience wherever prescribed should be in the relevant discipline/area of work and it shall be counted with effect from the date of acquiring the prescribed minimum educational qualifications required for that grade.
13. The date for determining the age limit/experience/qualifications shall be the closing date prescribed for receipt of application.
14. Travelling allowance by second class by shortest route will be paid to the candidates called for interview/trade test from the place of residence or from the actual departing station to the place of interview whichever is nearer.
15. If required, for some of the posts, written test &/ or trade test may be conducted as a part of interview/for screening prior to interviews.
16. Canvassing in any form and/or bringing in any influence political or otherwise, will be treated as disqualification for the post.
17. No interim queries will be entertained.

Administrative Officer