



CSIR-National Metallurgical Laboratory (NML), a constituent Laboratory of the **Council of Scientific & Industrial Research (CSIR)** is an R&D organization dedicated to metallurgical and materials engineering research. Its domain of operations encompasses raw materials processing, new strategies for metal extraction, metallurgical wastes and lean resources utilization, energy, sustainability and environmental issues of metallurgical processing, innovation and interventions for rural and artisanal materials technology, advanced alloys and materials development, metal forming and formability, corrosion and surface engineering, materials mechanics, materials and process modelling, micro structural engineering, non-destructive evaluation, structural integrity assessment etc. With its modern and extensive infrastructure and the large spectrum of expertise of its Scientific and Technical manpower, CSIR-NML is primarily engaged in industrially significant research pursuits and demonstration of high quality science.

To augment and strengthen its support base in research activities in the areas of advanced alloys development, metal forming and formability, materials mechanics, micro structural engineering, materials modelling, corrosion inhibition, mineral engineering, extractive metallurgy and project engineering, CSIR-NML intends to recruit persons with enthusiasm for quality research and high degree of motivation at Technical positions of the Laboratory.

Online Applications from bonafide Indian nationals are solicited for the following Technical positions for the above requirements. Online Applications must be made Postcode-wise. Separate Online Applications must be made for each Post code.

Applicants are requested to take a Print-out of their ONLINE APPLICATIONS and send it through Registered/Speed Post to the following address along with self-attested copies of certificates of educational qualifications, marksheets, experience certificates, Re-print of publications, documentary proof in support of date of birth, community/category certificate (SC/ST/OBC/PWD etc.), if applicable, and applicable fees of Rs 100.00 in the form of Demand Draft favouring THE DIRECTOR, CSIR-NML, payable at National Metallurgical Laboratory branch of State Bank of India, Branch code(03329) .

**THE CONTROLLER OF ADMINISTRATION
CSIR-NATIONAL METALLURGICAL LABORATORY
BURMAMINES, JAMSHEDPUR, JHARKHAND, 831007**

Details (Pay Band, Grade Pay, Designation, Essential Minimum Qualifications and Essential Minimum Experience, Upper Age limit and approximate Indicative monthly Gross Salary per month including HRA and other allowances) of the Pay Band to which the Postcodes have been assigned, together with information on the overall reservation status are given below.

Post Code	Name of post, Pay Band with GP Maximum Age limit, Indicative monthly Gross salary-	No. of vacancies & reservation status	Essential Qualification & Experience	Desirable Qualification & Experience	Job requirements in brief
T-01	Tech. Assistant/ Gr.III (1) PB-2, 9300-34800, with GP-4200 28 years Indicative monthly Gross salary- Rs. 32930.00	01 OBC	1st Class B.Sc (Chemistry) with either (i) 1 year full time professional qualification OR (ii) one year experience in the relevant discipline from a recognized institute/organization	M.Sc. (Chemistry) with minimum 55% marks	Chemical Analysis

T-02	Tech. Assistant/ Gr.III (1) PB-2, 9300-34800, with GP-4200 28 years Indicative monthly Gross salary-Rs. 32930.00	01 ST	1st Class Diploma in in Mechanical or Metallurgical Engg of at least 3 years full time duration or at least 2 years full time duration in case of lateral admission in Diploma courses with experience of 02 years in the relevant area/field.	1 year experience in melting Furnace operations (induction, arc etc) OR 1 year experience in operation of Electron Microscopes OR 1 year experience in operation of X Ray Diffraction equipment	Instrument/Facilities Maintenance & Operation
T-03	Tech. Assistant/ Gr.III (1) PB-2, 9300-34800, with GP-4200, 28 years Indicative monthly Gross salary-Rs. 32930.00	01 UR	1) 1st Class B.Sc (Chemistry) with either (i) 1 year full time professional qualification OR (ii) one year experience in the relevant discipline from a recognized institute/organization OR 2) 1st Class Diploma in Mechanical or Metallurgical or Chemical discipline of at least 3 years full time duration or at least 2 years full time duration in case of lateral admission in Diploma courses with experience of 02 years in the relevant area/field.	1 year experience in Corrosion testing	Maintenance of different corrosion facilities
T-04	Tech. Assistant/ Gr.III (1) PB-2, 9300-34800, with GP-4200, 28 years Indicative monthly Gross salary-Rs. 32930.00	01 UR	1st Class Diploma in in Mechanical or Metallurgical Engg of at least 3 years full time duration or at least 2 years full time duration in case of lateral admission in Diploma courses with experience of 02 years in the relevant area/field.	1 year Experience/background in metallurgical furnaces (SAF, induction, fluidized bed, operations) OR forming (rolling, forging, casting, etc) operations	Pyrometallurgical operations and forming

T-05	Tech. Assistant/ Gr.III (1) PB-2, 9300-34800, with GP-4200, 28 years Indicative monthly Gross salary-Rs. 32930.00	01 SC	1st Class Diploma in in Mechanical or Metallurgical or Chemical Engg of at least 3 years full time duration or at least 2 years full time duration in case of lateral admission in Diploma courses with experience of 02 years in the relevant area/field.	1 year Experience/background in Chemical/ metallurgical operations related to Pyro-, Hydro- and Electro-metallurgy	Extractive metallurgy
T-06	Tech. Assistant/ Gr.III (1) PB-2, 9300-34800, with GP-4200, 28 years Indicative monthly Gross salary-Rs. 32930.00	01 PWD (OH)	1st Class B.Sc (Chemistry) with (i) 1 year full time professional qualification OR (ii) one year experience in the relevant discipline from a recognized institute/organization	M.Sc. (Chemistry) with minimum 55% marks	Coal Laboratory
T-07	Tech. Assistant/ Gr.III (1) PB-2, 9300-34800, with GP-4200, 28 years Indicative monthly Gross salary-Rs. 32930.00	01 UR	1 st Class B. Sc. (Geology) with (i) 1 year full time professional qualification OR (ii) one year experience in the relevant discipline from a recognized institute/organization	M.Sc. (Geology/Applied Geology) with minimum 55% marks, experience in petrographic studies	Petrological Laboratory
T-08	Tech. Assistant/ Gr.III (1) PB-2, 9300-34800, with GP-4200, 28 years Indicative monthly Gross salary-Rs. 32930.00	01 OBC	1 st Class B. Sc. (Chemistry) with (i) 1 year full time professional qualification OR (ii) one year experience in the relevant discipline from a recognized institute/organization	M. Sc./M.A.Sc/B.Tech/ B.Sc. Eng./B. Engg (Mineral Processing/Mineral Engineering) or equivalent with minimum 55% marks	Mineral Processing
T-09	Tech. Assistant/ Gr.III (1) PB-2, 9300-34800, with GP-4200, 28 years Indicative monthly Gross salary-Rs. 32930.00	01 UR	1st Class BSc (Physics) with (i) 1 year full time professional qualification OR (ii) one year experience in the relevant discipline from a recognized institute/organization	Experience of at least 1 year in operating electron microscopes in reputed research organizations OR M.Sc. (Physics) with specialization in Electronics	Electron-optics Labs

T-10	Tech. Assistant/ Gr.III (1) PB-2, 9300-34800, with GP-4200, 28 years Indicative monthly Gross salary- Rs. 32930.00	01 SC	1st Class Diploma in in Electronics / Instrumentation/Mechanical Engg of at least 3 years full time duration or at least 2 years full time duration in case of lateral admission in Diploma courses with experience of 02 years in the relevant area/field.	Experience of at least 1 year in operating electron microscopes in reputed research organizations OR Experience of at least 1 year in operating mechanical testing equipment (creep, tensile, fatigue testing m/cs) OR Experience of at least 1 year in industrial NDT techniques	Electron-optics Labs OR Mechanical testing Lab OR NDE Labs
T-11	Technical Officer / Gr.III (3) PB-2, 9300-34800, with GP-4600.00, 30 years Indicative monthly Gross salary- Rs. 41349.00	01 OBC	B.E./B. Tech (Metallurgy or Materials Science or Chemical Engineering) with 55% marks MCA/MCM/MBA with 55% marks after 1st Class B.SC(in Physics/Chemistry/ Materials Sc.)	MCA OR Post Graduate Diploma in Intellectual property law OR Post graduate diploma in Business Management OR Post graduate diploma in Technology Management M.Sc in Physics or Chemistry or Materials Science OR Post Graduate Diploma in Intellectual property law OR Post graduate diploma in Technology Management	Intellectual Property and Technology Management
T-12	Senior Technical Officer / Gr.III (4) PB-3, 15600-39100, with GP-5400.00, 35 years Indicative monthly Gross salary- Rs. 51954.00	01 OBC	B.E./B. Tech (Mechanical Engineering) with 55% marks	Experience/background in solid metallurgical wastes utilization, operation and maintenance of lab and pilot scale facility related to waste utilization, raw materials and product characterization	Solid waste utilization from metallurgical and allied industries

Procedure for Online application:

1. Only **ONLINE APPLICATIONS** will be accepted. The link for ONLINE APPLICATION will be available on CSIR-NML's website www.nmlindia.org from **09:00 AM of 14-09-2015 to 17:00 PM of the 13-10-2015**.
2. After submission of their ONLINE APPLICATION, Applicants are requested to take a printout.
3. The printout of ONLINE APPLICATION duly signed , along with self-attested copies of certificates of educational qualifications, mark sheets, experience certificates, Re-print of publications, documentary proof in support of date of birth, community/category certificate (SC/ST/OBC/PWD etc.), if applicable, and applicable fees of Rs. 100.00 in the form of Demand Draft favouring **THE DIRECTOR, CSIR-NML, Jamshedpur** payable at **State Bank of India, NML Branch, Branch Code- 03329, Jamshedpur** should be sent to **The Controller of Administration, CSIR-National Metallurgical Laboratory, Burmahines, Jamshedpur 831007**, so as to reach on or before 26-10-2015. The Advertisement Number and Post Code must be clearly indicated on the top of the envelope containing the application. **Candidates belonging to SC/ST/PWD categories, Women candidates, Ex-serviceman and departmental candidates (from CSIR Laboratories /Institutes) need not pay any application fee.**
4. (i) 'Candidate's Name (ii) Application number and (iii) 'Post Code Applied for' must be written on the back side of Demand Draft.
5. Application once made will not be allowed to be withdrawn and fees once paid will not be refunded on any count nor can it be held in reserve for any other recruitment of selection process.

Terms and conditions:

- Total number of posts may vary. Not all posts need to be filled if suitable candidates are not found.
- One Online Application may refer to one Postcode only. Separate Online Applications must be made if a candidate desires to apply for more than one Postcode.
- The posts carry usual allowances such as Dearness Allowance (DA), Transport Allowance, HRA (House Rent Allowance) in the event of unavailability of council accommodation etc. as per entitlement under the Central Government Rules as applicable to the CSIR. Higher initial pay (i.e. additional increments) may be considered for meritorious candidates.
- 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.
- Online Applications from candidates working in Government departments, public sectors, autonomous organizations 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 Online Application may be submitted before the closing date and **No objection certificate** may be submitted at the time of interview. Online Applications routed through proper channel should reach at the earliest.
- Only those candidates who are eligible and who suit the institutional requirements, short-listed based on screening criteria, will be called for interview. Mere fulfillment of the minimum prescribed qualifications and experience does not entitle a candidate for being called for interview. Candidates should therefore provide in their Online Applications all qualification and experience details, over and above what is prescribed as minimum, supported with documents, if applicable.
- The decision of CSIR-NML in all matters relating to the eligibility, acceptance or rejection of Online Applications, mode of selection, conduct of examinations/interviews will be final and binding on the candidates and no enquiry or correspondence will be entertained in this connection from any individual or his/her agency.
- Relaxation in age limit, maximum up to 5 years for SC/ST and 3 years for OBC, will be admissible to candidates who apply for the postcodes earmarked for the respective reservation category. Relaxation in age for Ex-service man and other entitled categories of candidates shall be admissible as per Govt. of India/CSIR rules. Relaxation in age limit up to 5 years may be allowed to Council/ Government/ Autonomous Bodies/ Public Sector employees in accordance with the instructions and orders issued by the Government of India/CSIR from time to time in this regard. 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. Relaxation in upper age limit for Persons with Disability (PWD) will be admissible up to 10 years. However, for PWD candidates belonging to SC/ST/OBC categories, it will be over and above the relaxation admissible to the respective categories. Special age relaxation up to the age of 35 years (up to 40 years for members of SC/ST and up to 38 years for members belonging to OBC category candidates in respect of the posts reserved for them) is admissible in the case of Widows, Divorced Women and Women Judicially Separated from their husbands, who are not remarried, subject to production of following documentary evidence (s):
 - (i) In case of widow, death certificate of her husband with the affidavit that she has not remarried since ;
 - (ii) In case of divorced woman and woman judicially separated from their husband, a certified copy of the judgement/decree of the appropriate court to prove the fact of divorce or judicial separation, as the case may be, with an affidavit in respect of divorced woman that she has not remarried since.
- SC/ST/OBC/PWD candidates are required to produce certificate in prescribed format signed by competent authority at the time of interviews. OBC candidates are required to produce recent certificate valid for appointment to posts under the Central Government.
- For Ex-Serviceman the Upper Age limit shall be relaxed as on **13-10-2015** by allowing the deduction of length of actual Military Service from his actual age and the resultant age should not exceed the maximum age limit prescribed for the Post by more than 3 years (8 years in case of SC/ST; 6 years in case of OBC Candidates).
- 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 essential educational/professional qualifications required for the posts. Completion of PhD degree will be deemed to have taken place from the date of issue of provisional certificate / notification.
- While giving the periodicity, nature of experience and Research papers, the details should be given in exhaustive manner in a separate sheet.
- The date for determining the age limit/experience/qualifications shall be the closing date prescribed for receipt of Online Application.
- Travelling allowance by second class by shortest route will be paid to the candidates called for interview from the place of residence or from the actual departing station to the place of interview whichever is nearer, limited to travel within India.
- Candidates staying and applying from abroad may opt for consideration for selection in absentia through a written request.
- Incomplete Online Applications (i.e. without photograph, signature, Application fee and essential certificates/testimonials etc. in support of educational qualifications and experience) will not be entertained and will be summarily rejected.
- Canvassing in any form and/or bringing in any influence, political or otherwise, will be treated as disqualification for the post.

- CSIR-NML strives to have a workforce that reflects gender balance and women candidates are encouraged to apply.
- **General information / instructions for online application are given at our website www.nmlindia.org.**
- **Applicants/candidates are requested to keep visiting our website www.nmlindia.org for any further information/updates.**

Controller of Administration