



CSIR- NATIONAL PHYSICAL LABORATORY

(Council of Scientific & Industrial Research)

Dr. K.S. Krishnan Marg, Near Pusa Campus, New Delhi - 110 012

website : <http://www.nplindia.org>



Advertisement No. 2/2013 Dated : 23.03.2013

Last Date of Closing of Online Application : 23.04.2013

Closing Date of Receipt of Application Print Out : 30.04.2013

A unique opportunity for research careers in Science and Technology

CSIR-National Physical Laboratory, New Delhi, a premier laboratory under the Council of Scientific & Industrial Research (CSIR), involved in multidisciplinary R&D programmes of both basic and applied nature across scientific disciplines for economic, environmental and societal benefits for the people of India. CSIR-NPL has very active research groups working in the areas of quantum phenomena based measurements, quantum physics, engineering materials, electronic materials, nano-science and nano-technology, materials characterization, radio and atmospheric sciences, global climate change and environmental sciences, energy harvesting technologies, spintronics, surface science, thin-film technology, plasmonics, graphene and carbon nanotube research, superconductivity and cryogenics, and instrumentation.

Applications are invited from enthusiastic, young Indian researchers having excellent academic record and proven scientific achievements along with requisite experience and a high degree of motivation and desire to take up research as a career in the field of **Physics**, to fill up the vacancy for the post of scientist(s) as per the details given below :-

Designation	No. of Posts	Pay Band	Grade Pay	*Total Emoluments	**Upper Age limit not exceeding (as on 23.04.2013)
Senior Scientist	01 (One) -	₹15600-39100 (PB-3)	₹7600/-	₹67024/-	37 years
Scientist	Unreserved	₹15600-39100 (PB-3)	₹6600/-	₹58381/-	32 years

* Total Emoluments means approximate total emoluments on minimum of scale including House Rent Allowance in Class 'X' City.

** Please see Age Relaxation under Relaxation column.

Post Code	Pay Band & No. of post(s) / reservation	Name of post(s) / Grade Pay (GP) / Age limit not exceeding	Educational Qualifications	Desirable
1.0	15600-39100 (PB-3) 1-Unreserved	Senior Scientist GP ₹7600/- Age Limit : 37 years	Ph.D. in experimental low temperature physics with atleast two years post Ph.D. R&D experience in cryotechnology.	Experience in low temperature techniques including operation and maintenance of dilution refrigerators.
		Scientist GP ₹6600/- Age Limit : 32 years	Ph.D. (Submitted/awarded) in experimental low temperature physics with R&D experience in cryotechnology.	

General Information and Conditions :

1. Benefits under Council Service :

- The post carry usual allowances i.e. Dearness Allowance (DA), House Rent Allowance (HRA), Transport Allowance (TA) etc. as admissible to the central government employees and as made applicable to CSIR. Council employees are also eligible for accommodation of their entitled type as per CSIR allotment rules depending on availability in which case HRA will not be admissible.
- Scientists in Pay Band-3 are also eligible for 2 additional increments (without DA) and Professional update allowance of Rs.10000/- per annum.
- Scientists in Pay Band-4 and above are also eligible for 2 additional increments (without DA) and Professional update allowance of Rs.20000/- per annum.
- In addition to the emoluments indicated against each category of posts, benefits such as Provident Fund, applicability of New Pension Scheme, reimbursements of Medical Expenses, Leave Travel Concession, Conveyance advance and House Building Advance are available as per rules of CSIR.
- Scientists in CSIR are also permitted to undertake consultancy and sponsored R&D project activity. These activities give them scope to earn consultancy fee and honorarium as per guidelines governing these activities. Opportunities also arise for foreign deputations for training/presentation of papers/specific assignments etc.
- CSIR provides excellent opportunities to deserving candidates for career advancement under Assessment Promotion scheme for Scientists.

2. General Conditions/Information

- The applicant must be a citizen of India.
- All applicants must fulfill the essential requirements of the post and other conditions stipulated in the advertisement. They are advised to satisfy themselves before applying that they possess at least the essential qualifications laid down for various posts. No enquiry asking for advice as to eligibility will be entertained. The prescribed essential qualifications are the minimum and the mere possession of the same does not entitle candidates to be called for interview.
- IN THE EVENT OF NUMBER OF APPLICATIONS BEING LARGE, CSIR-NPL WILL ADOPT SHORT LISTING CRITERIA TO RESTRICT THE NUMBER OF CANDIDATES TO BE CALLED FOR INTERVIEW TO A REASONABLE NUMBER BY ANY OR MORE OF THE FOLLOWING METHODS:
 - On the basis of higher educational qualifications than the minimum prescribed in the advertisement.
 - On the basis of higher experience in the relevant field than the minimum prescribed in the advertisement.
 - By holding a written Test.
 - Any other methodology as deemed fit by Screening Committee.
- The application should be accompanied by self-attested copies of the relevant educational qualification, experience. The prescribed qualifications should have been obtained through recognized Universities/Institutions. etc. Incomplete applications/applications received not accompanied with the required certificates / documents are liable to be rejected.
- In respect of equivalent clause in Essential Qualifications, if a candidate is claiming a particular qualification as equivalent qualification as per the requirement of advertisement, then the candidate is required to produce order/letter in this regard, indicating the Authority (with number and date) under which it has been so treated otherwise the Application is liable to be rejected.
- The period of experience rendered by a candidate on part time basis, daily wages, visiting/ guest faculty will not be counted while calculating the valid experience for short listing the candidates for interview.
- If any document/ certificate furnished is in a language other than Hindi or English, a transcript of the same duly attested by a Gazetted officer or notary is to be submitted.
- The period of experience in a discipline / area of work, wherever prescribed, shall be counted after the date of acquiring the minimum prescribed educational qualifications prescribed for that Grade.
- Candidate must ensure that he/she possesses educational qualification/experience in the relevant area as required in the category/post, for which he/she is applying, on the last date of receipt of application.
- Applications from candidates working in Government Departments, Autonomous bodies, Public Sector Undertakings and Government Funded Research Agencies will be considered when forwarded through proper channel within the prescribed time-limit along with requisite NOC.
- Persons with disabilities (PWD) fulfilling the eligibility conditions prescribed under GOI instructions are encouraged to apply.
- The posts carry usual allowances as admissible to Central Government employees as have been made applicable to CSIR employees.
- Deserving candidates may be considered for higher start of pay.
- The post will be governed by the New Pension Scheme applicable w.e.f.01.01.2004 as notified by the Government of India and adopted by CSIR vide their letter No.17/68/2001-E.II dated 23.12.2003 and other instructions issued on the subject.
- Only outstation candidates called and found eligible for interview will be paid to and from single

second class (Sleeper) rail fare from the actual place of undertaking the journey or from the normal place of their residence whichever is nearer to New Delhi/Delhi Railway Station on production of Rail Tickets/Rail Ticket Numbers or any other proof of journey.

- Any discrepancy found between the information given in application and as evident in original documents will make the candidate ineligible for appearing in interview. Such candidate will not be paid any fare.
- The number of vacancies indicated is provisional and may vary at the time of selection.
- The decision of the CSIR-NPL in all matters relating to eligibility, acceptance or rejection of applications, mode of selection, conduct of examination/interview will be final and binding on the candidates.
- Canvassing in any form and/or bringing any influence political or otherwise will be treated as a disqualification for the post.
- NO INTERIM ENQUIRY OR CORRESPONDENCE WILL BE ENTERTAINED.

Relaxations :

- The date for determining the age limit/experience/qualifications shall be the closing date prescribed for receipt of applications i.e. 23.04.2013
- The upper age limit is however, relaxable upto 5 years for SC/ST and 03 years for OBC as per Government orders in force only in those cases where the post are reserved for respective categories, on production of relevant certificate in the prescribed format signed by the specified authority at the time of interview.
- Upper age limit is relaxable upto five years for the regular employees working in CSIR laboratories / institutes, Government Departments, autonomous bodies and public sector undertakings.
- Age relaxation for Widows, Divorced Women and Women Judicially separated from Husband who are not re-married would be allowed as per GOI provisions. The persons claiming age relaxation under this sub-para would be required to produce following documentary evidence:
 - In case of Widow, Death Certificate of her husband together with the Affidavit that she has not remarried since.
 - In case of divorced Women and Women judicially separated from their husband, a certified copy of the judgment/deed of the appropriate Court to prove the fact of divorce or the judicial separation, as the case may be, with an Affidavit in respect of divorced Women and they have not remarried since.
- Age relaxation to Persons with Disabilities (PWD) : Age relaxation of 5 years is allowed (total 10 years for SCs/STs and 8 years for OBCs in respect of the posts reserved for them) to blind, deaf-mute and orthopedically handicapped persons for appointment to Group 'A' and Group 'B' posts/services. The persons claiming age relaxation under this sub-para would be required to produce a certificate in prescribed proforma in support of their claims clearly indicating that the degree of physical disability is 40% or more. In any case, the appointment of these candidates will be subject to their being found medically fit in accordance with the standards of medical fitness as prescribed by the Government for each individual Group 'A' and Group 'B' posts to be filled by Direct Recruitment by Selection.
- SC/ST/OBC/PH candidates are required to produce a copy of the certificate in the prescribed format signed by the specified authority at the time of interview. The OBC candidate should produce the certificate valid for appointment of posts under the Central Government.
- Relaxation in age, over and above the stipulated limit, educational qualification and / or experience may be considered in case of exceptionally meritorious candidates and if sufficient number of candidates possessing the requisite qualification and/ or experience are not likely to be available to fill up the posts.
- Relaxation of five years will also be permissible to those who had ordinarily been domiciled in the Kashmir division of the state of Jammu and Kashmir during the period from 1-1-1980 to 31-12-1989 subject to production of relevant certificate from concerned authority.

4. Mode of Selection

- Mere fulfilment of educational qualifications and experience does not entitle a candidate to be called for interview. The duly constituted Screening Committee will adopt its own criteria for short-listing the candidates. The candidate should therefore, mention in the application all the qualifications and experiences in the relevant area over and above the minimum prescribed qualification, supported with documents. Completion of Ph.D. degree will be reckoned from the date of issue of provisional certificate/notification.
- In case a candidate is staying abroad, his/her candidature may be considered in absentia by the Selection Committee on his/her written request.
- The Selection Committee may choose to place the candidate in any of the Grade Pay within the Pay Band depending upon the performance of the candidate and subject to meeting the minimum eligibility criterion specified.

5. How to apply

- Eligible candidates are required to apply ONLINE through our website <http://www.nplindia.org>.
- If the candidates does not have a valid email id, he/she should create a new valid email id before applying online.
- Online Application will be available on our website i.e. www.nplindia.org upto 23.04.2013.
- Candidates are required to arrange for a crossed Demand Draft for ₹100/- (Rupees One hundred only) drawn on any nationalized bank and valid for at least 3 months in favour of "Director, National Physical Laboratory" payable at New Delhi. The last date for submitting online application and making of Demand Draft is 23.04.2013. This date will be the same for the candidates belonging to far-flung areas. The following details must be filled up on back side of Demand Draft (i) Candidate's Name, (ii) Candidate's Category, (iii) Post Code Applied For. SC/ST/PWD/Women/CSIR Employees/Abroad Candidates are exempted from submission of application fee.
- In case of universities/institute awarding CGPA/SGPA/OGPA grades etc., candidates are requested to convert the same into percentage based on the formula as per their university/institute.
- The above details are to be mentioned by the candidates at the appropriate place in the on-line application format while submitting the same.
- Candidates should keep a copy of the application print out for their record. Printout of Application form will not be available after 30.04.2013.
- Successful online application is indicated by the page displayed after clicking Submit Button indicating the generated "APPLICATION NUMBER". Please note down the same carefully and preserve it. If you do not preserve it, you will not be able to Re-print the Application.
- In case candidate want to modify/withdraw the application there is a 'CANCEL' option to cancel the online application. Please note that application once cancelled will not be retrieved at any stage. If you have cancelled the application, please reapply before the closure of Application Date as per advertisement. Please remember to take fresh print out after modifying any details.
- After submission candidates should take a printout of the computer generated application form. After signing each page of the form a recent passport size photograph should be pasted in the space provided. Candidates are to sign in full across the photograph.
- This computer generated application (Print-out) duly accompanied by attested copies of the certificates, mark sheets, testimonials in support of age, education qualifications, experience, re-prints of publications and caste certificate, if applicable along with one recent passport size self-signed photograph affixed together with Demand Draft (if applicable) should be sent in an envelope superscribed "APPLICATION FOR THE POST OF _____ (Post Code _____)" by post to the address:- The Controller of Administration, National Physical Laboratory, Dr. K.S. Krishnan Marg, New Delhi - 110012.
- The Computer generated printout of the Online Application Form should reach the above address by 30.04.2013 along with Demand Draft (including far flung areas).
- 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 or selection process.
- Applications from employees of Government Departments will be considered only if forwarded through proper channel, certified by the employer that the applicant, if selected will be relieved within one month of the receipt of the appointment orders. Also, vigilance clearance should also be recorded. However, advance copy of the application may be submitted before the closing date. Applications routed through proper channel should reach CSIR-NPL at the earliest.
- Candidates should specifically note that the applications received after the closing date for any reason whatsoever (such as envelopes wrongly address, delivered elsewhere, postal delay etc.) will not be entertained by CSIR-NPL.
- Incomplete applications (i.e. without photograph, unsigned and application fee, if applicable, testimonials etc.) will not be entertained and is liable to be summarily rejected.

6. Following documents must be attached along with application form sent by post:

- Demand Draft of ₹100/- as application fee, where applicable.
- Coloured photograph pasted on the form and signed across in full.
- Self Attested photocopy of Date of Birth Certificate.
- Self Attested photocopies of education qualifications certificates.
- Self Attested photocopy of caste certificate, if applicable.
- Self Attested photocopies of experience certificates, if any.