



सी.एस.आई.आर.- राष्ट्रीय भौतिक प्रयोगशाला
CSIR-NATIONAL PHYSICAL LABORATORY
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)
(Council of Scientific & Industrial Research)
डॉ. के.एस. कृष्णन् मार्ग, नई दिल्ली - 110012
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Advertisement No.Rectt. /01/2019
“FLOATING (WALK-IN) INTERVIEW ON - 01st October, 2019”

CSIR-NPL, New Delhi (a constituent laboratory of CSIR) desires to have qualified incumbents for purely temporary and contractual positions of under the various ongoing externally funded & time targeted sponsored projects as under:-

Post code	Name & No. of positions	Essential Educational Qualification	Desirable	Job description	Project /Scheme Title	Tenure of project & Emoluments/ stipend per month	Age as on 01/10/2019
1.0	Project Scientist Range-I One (01)	Ph.D. (Engg.) / M.Tech / ME in ECE or equivalent with Minimum 70% marks throughout or above from Matriculation to Post Graduation	2 Years experience in time & frequency metrology	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Rs. 48,200/-+ HRA (up to 21.07.2021)	Below 40 Years
2.0	Project Assistant Level-III One (01)	M.Tech / ME in Instrumentation or equivalent with Minimum 55% marks. OR B.Tech / BE in Instrumentation or equivalent with minimum 55% marks + two years post qualification experience.	Experience in Time & Frequency Metrology. Working knowledge of the programming language i.e. C, C++, Python, Java, PHP and Assembly. Computer Hardware. Chip design. Assembling, Testing and Repairing of electronic equipment and accessories. Testing & Calibration of measurement systems. Expertise in PCB soldering.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Rs. 28,000/-+ HRA (up to 21.07.2021)	35 Years

3.0	Project Assistant Level-III Two (02)	<p>M.Tech./ME in ECE/ETE/EEE or equivalent with minimum 55% marks</p> <p>OR</p> <p>B.Tech/ BE in ECE/ETE/EEE or equivalent with minimum 55% marks + two years post qualification experience.</p>	<p>Experience in Time & Frequency Metrology. Working knowledge of the following:- programming language i.e. C, C++, Python, Java, PHP and Assembly. Computer Hardware. Chip design. Assembling, Testing and Repairing of electronic equipment and accessories. Testing & Calibration of measurement systems. Expertise in PCB soldering.</p>	<p>Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.</p>	<p>Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.</p>	<p>Rs. 28,000/-+ HRA (up to 21.07.2021)</p>	<p>35 Years</p>
4.0	Project Assistant Level-III One (01)	<p>M.Tech./ME in CS/IT or equivalent with minimum 55% marks</p> <p>OR</p> <p>B.Tech/ BE in CS/IT or equivalent with minimum 55% marks + two years post qualification experience.</p>	<p>Experience in Time & Frequency Metrology. Working knowledge of the following:- programming Language C, C++, Python, Java, PHP and Assembly. Database: MYSQL, PostgreSQL. Operating System: Linux and Windows. Networking: Networking protocols specifically in NTP, PTP, DNS, HTTP and HTTPS and Sub-netting and creation of network. Software Framework: Spring or Spring Boot, Hibernate. Computer Hardware.</p>	<p>Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.</p>	<p>Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.</p>	<p>Rs. 28,000/-+ HRA (up to 21.07.2021)</p>	<p>35 Years</p>

5.0	Project Assistant Level-III One (01)	B.Tech in Computer Science or equivalent with minimum 55% marks + two years post qualification experience.	MBA (Finance) with 2 year Administrative/Taxation experience. Organizational and Management skills. Knowledge in Government Financial Rules (GFR), Procurement and purchasing.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Rs. 28,000/-+ HRA (up to 21.07.2021)	35 Years
6.0	Project Assistant Level-II One (01)	B.Tech/BE in Instrumentation or equivalent with minimum 55% marks.	Experience in Automation, Telecommunication, Instrumentation, and Electronics industry.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Rs. 25,000/-+ HRA (up to 21.07.2021)	30 Years
7.0	Project Assistant Level-II One (01)	B.Tech/BE in CS/IT or equivalent with minimum 55% marks. OR MCA or equivalent with minimum 55% marks	Working knowledge of the following:- Programming Language i.e. C, C++, Python, Java, PHP and Assembly. DML, Linux and Windows. Networking protocols, Sub netting and creation of network. Software Development Framework, MVC Framework.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Rs. 25,000/-+ HRA (up to 21.07.2021)	30 Years
8.0	Project Assistant Level-II Five (05)	B.Tech./ BE in ECE/ETE/ EEE or equivalent with minimum 55% marks	Experience in Automation, Telecommunication, Instrumentation, and Electronics industry.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Rs. 25,000/-+ HRA (up to 21.07.2021)	30 Years

				disaster recovery center.			
9.0	Project Assistant Level-I Three (03)	Diploma in Electronics/EC/ET or equivalent with minimum 55% marks.	Experience in soldering, Co-axial cables, Optical fibers and satellite Communication. OR Basic programming skills, C++, Java. Having good knowledge of English.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Rs. 15,000/-+ HRA (up to 21.07.2021)	28 Years
10.0	Project Assistant Level-I Three (03)	Diploma in CS/IT or equivalent with minimum 55% marks.	Experience in LAN, WAN, H/W Maintenance, basic programming skills, C++, Java. Having good knowledge of English.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Rs. 15,000/-+ HRA (up to 21.07.2021)	28 Years
11.0	Project Assistant Level-I One (01)	Diploma in Mechanical Engineering or equivalent with minimum 55% marks.	Having good knowledge of English. Experience in Lathe, Drilling, Milling Machines.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Development of timing laboratories of Legal Metrology Department (LM) traceable to National time scale generating IST at five locations and creation of one disaster recovery center.	Rs. 15,000/-+ HRA (up to 21.07.2021)	28 Years
12.0	Senior Research Fellow One (01)	M.Tech. (Materials Science, Nanoscience & Nanotechnology, Engineering Physics with 1 st division OR	Knowledge of Ultra high vacuum	Thin film deposition and characterization	Fabrication of efficiency enhanced nanostructured InGaN/GaN solar cell	Rs. 28,000/-+ HRA (up to 20.07.2020)	32 Years

		M.Sc. Physics with 1 st division + 2 years research experience.					
13.0	Project Assistant Level - I One (01)	B.Sc. (Physics) or equivalent with minimum 55% marks.	Experience of working with Lasers/dimensional metrology, Higher Qualification with NET/GATE will be preferred	Establishment of reference standard for length	Establishment of reference standard for length at Regional Reference laboratory, Bangalore	Rs.15,000/-+ HRA (up to 26.11.2020)	28 Years
14.0	Research Associate - I One (01)	Ph.D. (Physics/ Applied Physics)	Experience in experimental optics	Photometric, radiometric and colorimetric characterization of LED based lighting systems and their metrology	Creation of testing & calibration facility for LED and LED based lighting at NPL India as per National/International standards	Rs.47,000/-+ HRA (up to 31.03.2020)	35 Years
15.0	Project Assistant Level - III One (01)	M.Sc./B.E. (Electronics/ Instrumentation) or equivalent with 55% marks + two years post qualification experience.	Experience in and photometry radiometry	Design and development of LED photometry instruments and testing and calibration of LED based lighting systems.	Creation of testing & calibration facility for LED and LED based lighting at NPL India as per National/International standards	Rs. 28,000/-+ HRA (up to 31.03.2020)	35 Years

Instructions:-

1. Only those Candidates who have completed the essential qualification & result has been declared are eligible to apply. Result awaited/Final semester appeared or appearing/Ph.D submitted etc. are not eligible to apply for any post. Experience if required in any post should only be post-qualification experience.
2. The total duration for which Project staff could be engaged will be five years. Where the duration of the Sponsored/Consultancy Project is less than 5 years, the services will be co-terminus with the duration of the project. There would be no automatic shifting of Project staff from one project to another. On completion of the tenure in one project, in case, one wants to apply for engagement in another project, he/she will have to go through the process of selection by submitting a fresh application under the new project. Appointment under the new project would be made only after submission of 'No Demand Certificate' and 'No Dues certificate' in the previous project and submission of resignation from the previous project. The maximum duration, for which Project staff could be engaged in different projects taken together, will be 5 years, i.e. the total period of five years of engagement of Project staff in different projects taken together should be counted only from initial date of engagement in a project onwards. The performance of the Project staff would be reviewed periodically so that any one not found up to the mark, could be replaced. As such, the offer of appointment will be given for short duration i.e. 6-months/1 year, which may be extended further based on the recommendations of the Selection Committee.
3. Leave: Project staff will be entitled for one day leave for each completed month's service.

4. Reservation: As regards reservation, if all things are equal, SC/ST/OBC candidates may be given preference over General candidates so as to ensure their representation.
5. Other benefits: Project Staff will be provided dispensary facility if available. Project Staff engaged as temporary project manpower shall be covered under group medical insurance scheme offered by insurance companies and expenditure shall be debited from the project staff.
6. Registration for Ph.D.: The facility for Ph.D. registration shall be allowed to those Project Staff who have worked for a minimum period of two year and have at least cleared CSIR-UGC Lecturer ship (NET) or GATE examination or published 01 papers in international peer reviewed ISI indexed journals.
7. There would be no component of increment etc. for Project staff and the consolidated remuneration to be paid to Project staff may be called "Stipend".
8. Candidate may apply for maximum 02 (Two) posts. Separate application may be submitted for each post code if a candidate is desirous of applying in more than 01 (One) Post.
9. Mode of Selection: The candidates will be shortlisted for interview by through a screening process. Only the short-listed candidates will be interviewed by Selection Committee.
10. In case the final certificates reflect CGPA, GPA, etc in that case the candidate should convert the same in to equivalent percentage as per the approved formula of the university in the application and a copy of such conversion formula must be attached alongwith the application.
11. Relaxation of age for SC/ST/ OBC /PWD /Women: Age limit for Project staff shall be as advertised with relaxation for statutory groups and women as per rules.

Eligible candidates may appear together with downloaded application form duly filled-up, for "Floating (Walk-in) Interview" on 01 October, 2019 for post code (s) 1.0 to 15.0 between 09.00 AM to 10.00 AM (candidate will not be entertained after 10.00 AM under any circumstance) in the Auditorium of the laboratory, with complete application giving the full details inclusive of marks starting from secondary examination onwards along with latest passport size photograph, original and self attested copies of all certificates/testimonials. Candidates belonging to SC/ST/OBC/PWD should bring copies of certificates in the proper format issued by the appropriate authority as per the latest instructions issued on the subject.

No TA will be paid to the candidates for appearing in the interview.

Note:

1. Candidate should go through the advertisement carefully to check their suitability in the area.
2. In case a candidate fails to produce any of the above mentioned documents/testimonials in original at the time of registration, he/she shall not be allowed to register for the further process.
3. The posts for various projects that are advertised are strictly contractual. The number of posts is tentative and subject to ascertaining the availability of funds under the respective projects before the declaration of results and Issue of engagement letter.