



सी.एस.आई.आर.- राष्ट्रीय भौतिक प्रयोगशाला  
**CSIR-NATIONAL PHYSICAL LABORATORY**

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)  
(Council of Scientific & Industrial Research)  
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Dr. K.S. Krishnan Marg, New Delhi - 110012



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**“FLOATING (WALK-IN) INTERVIEW ON 07 February, 2023”**

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

Post code	Name & No. of positions	Essential Educational Qualification	Desirable	Job description	Project /Scheme Title	Emoluments/ stipend per month & Tenure of project	Age as on 07/02/2023
1.0	Junior Research Fellow One (01)	B.Tech. (Electronics) with minimum 55% marks + valid NET/ GATE Qualified	Specialization in embedded system.	Contribute in establishment of testing and calibration facility for air pollution measurement equipment.	Establishment of type testing, calibration & certification facility for Online Continuous Emission Monitoring System (OCEMS) & Continuous Ambient Air Quality Monitoring System (CAAQMS).	Rs. 31,000/- + H.R.A.  Upto 31.03.2023 (Likely to be extended)	28 Years
2.0	Junior Research Fellow One (01)	M.Tech./M.E./M.S. (Electrical Engineering/ Electronics & Communication Engineering/Electronics Engineering/Information Technology/Computer Science and Engineering) with CSIR/UGC-NET or valid GATE Qualified. or M.Sc./M.S. (Electronic Science/Physics) with CSIR/UGC-NET or valid GATE Qualified.	Strong background in communications, signal processing, power system. Additionally, candidate with good exposure to data analysis are highly encouraged to apply.	Carry out work as directed and for project.  The successful candidate can also be considered for admission to the Ph.D. program as a regular full-time scholar based on the eligibility criteria at NPL.	Metrological characterization of Multi Vendor Phasor Measurement Units as per IEC/IEEE 60255-118-1:2008 standard for their interoperability and effective implementation in the Indian Power Grid.	Rs. 31,000/- (consolidated).  One year from the date of joining  (Likely to be extended)	28 Years

3.0	Research Associate-I One (01)	Ph.D. (Physics/Electrical Engineering)	Quantum transport and memory device fabrication and characterization.	Memory device fabrication and electrical characterization and quantum transport measurements.	Quantum Conductance based Multi-level Information Storage Memristive Devices.	Rs. 42,000/-+ HRA  Upto 31.03.2023 (Likely to be extended)	35 Years
4.1	Research Associate-II One (01)	Ph.D. (Physical Sciences) with two years research experience after completion of Ph.D.	Experience in luminescent materials, characterizations and sensing.	R&D	Development of Mono-/Bi-invisible Fluorescent Pigments and visible/invisible fluorescent Security Threads/Fibres for Anti-counterfeiting Technology.	Rs. 49,000/-+ 24% HRA  One year from the date of joining  (Likely to be extended)	35 Years
4.2	Research Associate-I One (01)	Ph.D. (Physical Sciences)	Experience in luminescent materials, characterizations and sensing.	R&D	Development of Mono-/Bi-invisible Fluorescent Pigments and visible/invisible fluorescent Security Threads/Fibres for Anti-counterfeiting Technology.	Rs. 47,000/-+ 24% HRA  One year from the date of joining  (Likely to be extended)	35 Years

### **Instructions:-**

1. Only those Candidates who have completed the essential qualification & result has been declared are eligible to apply. Experience, if claimed, in any position should only be post-qualification experience.
2. Candidate can apply for maximum 02 (Two) positions. Separate application may be submitted for each post-code, if a candidate is desirous of applying for more than 01 (One) Positions.

## **Service conditions:-**

1. DA & CCA: Scientific / Technical Manpower in projects are not entitled to DA & CCA.
2. House Rent Allowance (HRA): HRA is allowed to all categories except for Project Investigator (PI) / Project Coordinators in Non-Government / Voluntary / Organizations (NGO/VO) / Project Manager as per Central Government norms applicable in the city/location where they are working. The percentage required for calculating HRA will be based on the remuneration.
3. Medical Benefits : The Scientific / Technical manpower will be entitled for medical benefits as applicable in the implementing institution.
4. Leave and other entitlements: The Scientific / Technical manpower are entitled to leave as per rules of the host institution. Maternity leave as per the Govt. of India instructions issued from time to time would be available to all categories. The travel entitlement is as per institute norms.
5. Bonus, Gratuity & Leave Travel Concession : The Scientific / Technical manpower will not be entitled to these allowances.
6. **Mode of Selection:** The candidates will be shortlisted for interview through a screening process. Only the short-listed candidates will be interviewed by the Selection Committee.
7. **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.**
8. **Relaxation of age for SC/ST/ OBC /PwBD /Women: Age limit** for Project staff shall be as per GOI rules.  
**Eligible candidates may appear together with downloaded application form duly filled-up, for “Floating (Walk-in) Interview” on 07 February, 2023 for Post Code(s) 1.0 to 4.2 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/PwBD 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 purely contractual. The positions advertised are provisional and subject to ascertaining the availability of funds under the respective projects before the declaration of results and issue of engagement letter.