



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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"FLOATING (WALK-IN) INTERVIEW ON 20th January, 2020."

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 20/01/2020
1.0	Junior Research Fellow Two (02) GAP-181132	M.Sc. in Physics/ Electronics/Environmental Sciences with Minimum 55% Marks + NET Qualified	Experience in Air Pollution measurements	Contribute in establishment of testing and calibration facility for air pollution measurement equipment.	Establishment of Type Testing, Calibration and Certification Facility for "Online Continuous Emissions Monitoring System"(OCEMS) & "Continuous Ambient Air Quality Monitoring System"(CAAQMS)	Rs. 31,000/- +HRA (up to 28.03.2021) Or till the completion of project.	28 Years
2.0	Junior Research Fellow Two (02) GAP-181132	BE or B.Tech Electronics instrumentation/ Electronics and communication with Minimum 55% Marks +GATE Qualified	Experience in troubleshooting and system designing of Air Pollution measurement systems	Contribute in establishment of testing and calibration facility for air pollution measurement equipment.	Establishment of Type Testing, Calibration and Certification Facility for "Online Continuous Emissions Monitoring System"(OCEMS) & "Continuous Ambient Air Quality Monitoring System"(CAAQMS)	Rs. 31,000/- +HRA (up to 28.03.2021) Or till the completion of project	28 Years

3.0	Junior Research Fellow Two (02) MLP-190932	M.sc (Physics/Material Science with Minimum 55% Marks +NET Qualified	One year research experience in materials science OR in production of Certified Reference Materials (Publication is desirable)	To Make Bhartiya Nirdeshak Dravya (BND)s	Production of Certified Reference Materials- Bhartiya Nirdeshak Dravya (BND)s	Rs. 31,000/-+HRA (up to 31.03.2020)	28 Years
4.0	Senior Research Fellow Three (03) MLP-190932	M.Sc. (Physics) with 1 st Division + 2 Year Post Qualification Experience. Or M.Tech. (Physics/ Materials Science/ Nanotechnology.	One Publication in SCI journal)	To Make Bhartiya Nirdeshak Dravya (BND)s	Production of Certified Reference Materials- Bhartiya Nirdeshak Dravya (BND)s	Rs. 35,000/-+HRA (up to 31.03.2020)	32 Years
5.0	Research Associate One (01) MLP-190932	Ph.D in Materials Science Or M.Tech Materials Science With 1 st Division +2 Year Post Qualification Experience.	Good knowledge of metrology and materials science (Functional Oxides with atleast 2 Publications in SCI journal).	To Make Bhartiya Nirdeshak Dravya (BND)s	Production of Certified Reference Materials- Bhartiya Nirdeshak Dravya (BND)s	Rs. 47,000/-+HRA (up to 31.03.2020)	35 Years
6.0	Post Docs Fellows Two (02) MLP-190932	Ph.D in Materials Science / Physical Science +2 Year Post Qualification Experience.	1. Experience in development of nonmagnetic fluid . 2.Experience in Certified Reference Material and ISO document development and publications (Preference for Patent if any)	To Make Bhartiya Nirdeshak Dravya (BND)s	Production of Certified Reference Mat erials - Bhartiya Nirdeshak Dravya (BND)s	Rs. 65,000/-+HRA (up to 31.03.2020)	35 Years
7.0	Research Associate Level II One (01) SSP -190132	Ph.D in Physics/ Materials Science +2 Years Post Qualification Experience.	Experience in the area of Optical filters/thin film deposition/Metal-metal oxide deposition	R&D	"Indigenous development of Colour Shift Ink (CSII)".	Rs. 49,000/-+HRA (up to 31.10.2021)	35 Years

8.0	Project Scientist Range-I One (01) TSP-180932	Ph.D in (Physics)/ M.Tech/ME in ECE/ Instrumentation or equivalent with Minimum 65% marks throughout or above from Matriculation to Post Graduation+2 Years Post Qualification Experience.	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
9.0	Project Assistant Level-II One (01) CNP-180232	B.Tech /BE in Computer Science/IT with minimum 55% marks.	Software development in area of Metrology or Time and Frequency Measurements.	Algorithm for steering of time scale of secondary timing laboratories to UTC(NPLI).	“Consultancy Service to Department of legal Metrology (LM) for conceptualization and providing technical, infrastructural and manpower inputs for establishing the secondary timing system for dissemination of IST under Legal Metrology Act 2009“	Rs, 25,000 + HRA (up to 18.04.2020)	30 Years
10.0	Project Assistant Level-I One (01) CNP-180232	B.Sc in Physics/ Electronics with minimum 55% marks.	Experience in Precision Measurements.	Implementation and development of Secondary Time Labs at RRSLs.	“Consultancy Service to Department of legal Metrology (LM) for conceptualization and providing technical, infrastructural and manpower inputs for establishing the secondary timing system for dissemination of IST under Legal Metrology Act 2009“	Rs, 15,000 + HRA (up to 18.04.2020)	28 Years

11.0	Project Assistant Level-I One (01) CNP-180232	Diploma in Electronics/Instrumentation with minimum 55% marks.	Instrumentation and Automation.	Preparation of specifications for instruments, Planning of secondary timing laboratory.	“Consultancy Service to Department of legal Metrology (LM) for conceptualization and providing technical, infrastructural and manpower inputs for establishing the secondary timing system for dissemination of IST under Legal Metrology Act 2009”	Rs, 15,000 + HRA (up to 18.04.2020)	28 Years
12.0	Project Assistant Level-III One (01) TSP180932	B.Tech in Computer Science/IT or equivalent with minimum 55% marks + two years post qualification experience	Skill/Experience of Management and Administrative Coordination and 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, 28,000 + HRA (up to 21.07.2021)	35 Years
13.0	Consultant Two (02) GAP -181132	Ph.D (Sciences/ Engineering) + Minimum 15 Years experience of R&D/Policy formulation/ Implementation in Air Pollution. Or M.Tech (Environmental Sciences) + Minimum 15 Years experience of R&D/Policy formulation/ Implementation in Air Pollution.	1. Operational & Technical knowledge of Online Continuous Emission Monitoring Systems (OCEMS). 2. Operational & Technical knowledge of Continuous Emission Ambient Air Quality Monitoring Systems (CAAQMS). 3. Knowledge and experience in implementation/ documentation of quality management and quality control system as per the standards like ISO 17025, ISO 9001etc. 4. Retired Govt. Employee with grade Pay (6 th CPC) of 10000 and above.	1. To help in preparation of technical documents related to the proposed testing, calibration and certification facility for OCEMS & CAAQMS in line with the National regulatory guidelines. 2. To help in preparation of quality documents related to the proposed testing, calibration and certification facility for OCEMS & CAAQMS to fulfil the requirements different IS/ISO/IEC guidelines. 3. Contribute in the interaction with the stakeholders and help the core team for generation of certification framework based on received feedbacks.	Establishment of Type Testing, Calibration and Certification Facility for “Online Continuous Emissions Monitoring System” (OCEMS) & “Continuous Ambient Air Quality Monitoring System” (CAAQMS)	R. 1,00,000/- PM (Consolidated) Or Difference of Last pay drawn and pension whichever is lower. (up to 28.03.2021)	65 Years

14.0	Consultant Level-I One (01) TSP-180932	Ph.D. in Science/ Engineering + Minimum 15 Years R&D experience in metrology.	1. Experience in Time & Frequency Metrology, 2. Retired Govt. Employee with grade Pay (6 th CPC) of 10000 and above.	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, 1,00,000/- PM (Consolidated) Or Difference of Last pay drawn and pension whichever is lower. (up to 21.07.2021)	65 Years
15.0	Consultant Level-II One (01) TSP-180932	M.Tech in ECE or equivalent with minimum 55% marks + Minimum 05 (Five) Years R&D experience.	1.Experience in Time & Frequency Metrology, 2.Retired Govt. Employee with grade Pay (6 th CPC) of 8700 and above.	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, 60,000/- PM (Consolidated) Or Difference of Last pay drawn and pension whichever is lower. (up to 21.07.2021)	65 Years
16.0	Consultant Level-III One (01) TSP-180932	MBA with minimum 55% marks + two years post qualification experience.	Experience in Project Coordination with different agencies in matters relating to Taxation with sound administrative knowledge.	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, 45,000/- PM (Consolidated) (up to 21.07.2021)	65 Years

Instructions:-

1. Eligibility Criteria: The applicant must be a citizen of India.
2. 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.
3. The total duration for which Project staff (excluding Consultants) 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