सी.एस.आई.आर.– राष्ट्रीय भौतिक प्रयोगशाला

CSIR-NATIONAL PHYSICAL LABORATORY

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)

(Council of Scientific & Industrial Research)

डा. के.एस. कृष्णन् मार्ग, नई दिल्ली – 110012

Dr. K.S. Krishnan Marg, New Delhi – 110012

Advertisement No.Rectt-03/2016

"FLOATING (WALK-IN) INTERVIEW ON 16th November, 2016,"

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

(16.11.2016)

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 16/11/2016
1.0	Skilled Manpower Two (02)	Graduate (B.A./B.Com/B.Sc.) . in any stream with at least 50% marks. One year Diploma /Certification in Networking/Network Hardware from reputed Institute. One year experience in maintenance of Network support and services in any Govt. organization.	---	End user network support, Maintenance of network racks, switches, Ethernet cables, fiber cables, LIUs, Jack Panels, Preventive maintenance switches and wireless devices configuration.	Technical support and maintenance of Network Services in CSIR-NPL	Rs. 15,000/- (Fixed) (Initially for One Year (in principal approved for two years)	28 Years
2.0	Skilled Manpower Three (03)	Graduate (B.A./B.Com/B.Sc.) . in any stream with at least 50% marks. One year Diploma /Certification in Maintenance of PC & Printers/Network Hardware from reputed company/Institute/ organization. One year experience in maintenance of Network support and services in any Govt. organization.	---	End user PC and Printer and I/O points support, Maintenance of Ethernet cables, Uploading of Misc. Software like MS-Office, Operating System, Anti Virus etc…	Technical support and maintenance of AMC-Services in CSIR-NPL	Rs. 15,000/- (Fixed) (Initially for One Year.)	28 Years

3.0	Skilled Manpower One (01)	Completed (B. Tech. or BE in IT or Computer Science) with 55% marks.	Experience in development of web applications using HTML, CSS, JavaScript, SQL and J2EE technologies for the development of software.	The selected candidate will have following responsibilities: To write testable and efficient code using J2EE technologies. To create responsive web user interface by using HTML, CSS and Javascript. To design and import data from various back-end services and databases in PostgreSQL.	Online File Tracking System	Rs. 18,000/- (Fixed) for (Six Months)	28 Years
4.0	Project Assistant Level II One (01)	BE/B Tech. Computer Science/Information Technology 55% marks.	GATE/NET qualified will be given preference	National Time Scale, Customer Interface, Software using HTML CSS, Java SQ, etc. and electronics development.	Strengthening the "Primary Time Scale Ensemble" for nation-wide dissemination of Indian Standard Time (IST)	Rs. 25,000/- +HRA Initially till 31/03/2017, likely to extended till 31/03/2018	30 Years
5.0	Project Assistant Level III One (01)	ME/M.Tech. Computer Science 55% marks.	GATE/NET qualified will be given preference	Time Dissemination, Delay measurements, Time Scale, Software using HTML CSS, Java SQ, etc. and electronics development.	Strengthening the "Primary Time Scale Ensemble" for nation-wide dissemination of Indian Standard Time (IST)	Rs. 28,000/- +HRA Initially till 31/03/2017, likely to extended till 31/03/2018	35 Years
6.0	Project Assistant Level III One (01)	ME/M.Tech IT/Software Engg 55% marks. or B. Tech (Computer Science (IT) 55% marks with two years experience.	GATE/NET qualified will be given preference	Time Dissemination, Delay measurements, Time Scale, Software using HTML CSS, Java SQ, etc. and electronics development.	Strengthening the "Primary Time Scale Ensemble" for nation-wide dissemination of Indian Standard Time (IST)	Rs. 28,000/- +HRA Initially till 31/03/2017, likely to extended till 31/03/2018	35 Years
7.0	Project Assistant Level II One (01)	BE/B Tech. Electronics/ECE/ Communication Engineering 55% marks	GATE/NET qualified will be given preference	National Time Scale, Customer Interface, Software using HTML CSS, Java SQ, etc. and electronics development.	Strengthening the "Primary Time Scale Ensemble" for nation-wide dissemination of Indian Standard Time (IST)	Rs. 25,000/- +HRA Initially till 31/03/2017, likely to extended till 31/03/2018	30 Years

8.0	Project Assistant Level III One (01)	ME/M.Tech Electronics/ECE/ Communication Engg. 55% marks or BE/B Tech Electronics/ ECE/ Communication Engg. 55% marks with two years experience.	GATE/NET qualified will be given preference	Time Dissemination, Delay measurements, Time Scale, Software using HTML CSS, Java SQ, etc. and electronics development.	Strengthening the "Primary Time Scale Ensemble" for nation-wide dissemination of Indian Standard Time (IST)	Rs. 28,000/- +HRA Initially till 31/03/2017, likely to extended till 31/03/2018	35 Years
9.0	Project Assistant Level III One (01)	ME/M.Tech Electronics/ECE/ Communication Engg. 55% marks	GATE/NET qualified will be given preference	Time Dissemination, Delay measurements, Time Scale, Software using HTML CSS, Java SQ, etc. and electronics development.	Strengthening the "Primary Time Scale Ensemble" for nation-wide dissemination of Indian Standard Time (IST)	Rs. 28,000/- +HRA Initially till 31/03/2017, likely to extended till 31/03/2018	35 Years
10.0	Project Assistant Level III One (01)	M.Sc (Phyiscs) 55% marks with two years experience.	GATE/NET qualified will be given preference Two years experience in uncertainty analysis/ metrology/related programming and software development.	Time Dissemination, Delay measurements, Time Scale, Software using HTML CSS, Java SQ, etc.and electronics development.	Strengthening the "Primary Time Scale Ensemble" for nation-wide dissemination of Indian Standard Time (IST)	Rs. 28,000/- +HRA Initially till 31/03/2017, likely to extended till 31/03/2018	35 Years
11.0	Project Assistant Level III One (01)	M.Sc (Engineering Physics/Instrumentation) 55% marks with two years experience.	GATE/NET qualified will be given preference Two years experience in uncertainty analysis/ metrology/ statistical analysis /optical fiber based instrumentation.	Time Dissemination, Delay measurements, Time Scale, Software using HTML CSS, Java SQ, etc. and electronics development.	Strengthening the "Primary Time Scale Ensemble" for nation-wide dissemination of Indian Standard Time (IST)	Rs. 28,000/- +HRA Initially till 31/03/2017, likely to extended till 31/03/2018	35 Years
12.0	Junior Research Fellow One (01)	M.Sc. (Physics) with 1st Div. + NET Qualified	Exposure to Thin film related works	Thin film deposition and characterizations.	Process development for the deposition of Poly-Si films on biaxially textured substrate for solar cell application.	Rs. 25,000/-+HRA (up to 13.08.2018)	28 Years
13.0	Senior Research Fellow One (01)	M.Tech. (Solar & Alternate Energy, Materials Science) with 1st Division	Knowledge of Ultra high vacuum, thin film deposition.	Growth & characterization III-nitride quantum well structure for solar cell application.	Fabrication of efficiency enhanced nanostructured InGaN/GaN solar cells	Rs. 28,000/- +HRA (up to 27.07.2019)	32 Years

14.0	Research Associate-I One (01)	Ph.D (Chemical Science/ Physical Science)	Experience in materials and devices.	Carry out R&D in organic and perovskite solar cells materials and devices for improving their performance.	Advancing the efficiency and production potential of the Excitonic Solar Cells (APEX-II)	Rs. 36000/-+HRA (up to 03.09.2017)	35Years
15.0	Project Fellow One (01)	M.Sc.(Physics/Applied Optics/Applied Physics with 1st Div.	Basic knowledge in physics or/and electronics.	Fabrication and testing subsystems in the Ion trap experiment.	Designing Fabrication and characterization of an Ion trap for trapping Single Ytterbium Ion for building an optical frequency standard in India.	Rs.16,000/-+HRA (up to 08.11.2017)	28 Years

Instructions:-

1.0 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.

1.1 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.

2.1 Leave: Project staff will be entitled for one day leave for each completed month's service.

2.2 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.

2.3 **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.

2.4 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.

2.5 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".

3. 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.

4.1. **Mode of Selection**: The candidates will be shortlisted for interview by a duly constituted Screening Committee. Only the short-listed candidates will be interviewed by Selection Committee.

4.2 **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.**

4.3 **Relaxation of age for SC/ST/ OBC /PWD /Women: Age limit for Project staff shall be as advertised with five years relaxation for statutory groups and women.**

Eligible candidates may appear together with downloaded application form duly filled-up, for "Floating (Walk-in) Interview" on 16nd November, 2016 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: **Candidate should go through the advertisement carefully for their suitability in the area.**