

NATIONAL PHYSICAL LABORATORY

(Council of Scientific & Industrial Research)

Dr. K.S. Krishnan Marg (Near Pusa),

New Delhi – 110 012.

Advertisement No. 03/2010

“FLOATING (WALK-IN) INTERVIEW ON 05.02.2010”

NPL, New Delhi (a constituent laboratory of CSIR) desires to have qualified incumbents for purely temporary positions of “Project Assistants” under the various ongoing externally funded & time targeted sponsored projects as given below.

Post Code	Name & No. of positions	Essential Educational Qualification	Desirable	Job Description	Tenure of project & Emoluments/ Stipend (Fixed) Per Month	Age as on 05.02.2010
1.0	Project Assistant Level-III – 01 (One)	1 st Class M.Sc. (Physics) with 02 years post M.Sc. research experience	Optical Profiler, Measurement of dimension parameters like step height, roughness, surface topology and other using optical methods	Nanometrology: Measurements and establishment of suitable standards/equipments e.g. optical profiler, MAFM etc.	19.12.2012 Rs.14000/-	32 years
2.0	Project Assistant Level-III OR Project Assistant Level-IV – 01 (One)	1 st Class M.Sc. (Physics) with 02 years post M.Sc. research experience OR Ph.D. (Physics/ Materials/ Electronics)	Nano particles, use of SEM/ AFM / Interferometry	Nanometrology: Measurements and establishment of suitable standards/equipments e.g. optical profiler, MAFM etc.	19.12.2012 For Project Assistant Level-III - Rs.14000/- OR For Project Assistant Level-IV Rs.16000/-	For Project Assistant Level-III 32 years OR For Project Assistant Level-IV 35 years
3.0	Project Assistant Level-III – 02 (Two)	1 st Class B.Tech. (Electronics) with 02 years post B.Tech. research experience OR 1 st Class M.Tech. (Electronics)	Electrical & Electronics measurement, calibration, automation using LabView, MetLab etc. programming in C, C++ & Visual Basic	Nano-electronics (Low level measurement in Electrotechnical parameters, voltage, current and Resistance), Automation in measurements, programming	19.12.2012 Rs.14000/-	32 years
4.0	Project Assistant Level-III – 01 (One)	1 st Class M.Sc. (Physics) with 02 years post M.Sc. research experience OR 1 st Class B.Tech. (Electronics) with 02 years post B.Tech. research experience		Research & Development	31.03.2012 Rs.12000/-	30 years
5.0	Project Assistant Level-III – 01 (One)	1 st Class M.Sc. (Physics) with 02 years post M.Sc. research experience OR 1 st Class B.E. (Electronics) with 02 years post B.E. research experience	High vacuum techniques/ microwave and computer programming	To design and test the microwave resonators/ high vacuum system	02.12.2010 Rs.14000/-	32 years

6.0	Project Assistant Level-III – 01 (One)	1 st Class M.Sc.. (Physics) with 02 years post M.Sc. research experience OR 1 st Class M.Tech. (Material Science/ Nanotechnology/ Instrumentation)	Knowledge of handling equipments in ultra high vacuum	To provide the support in setting up new facility of MBE and Surface Analysis Technique and perform multilayer growth for LED applications	31.03.2012 Rs.12000/-	30 years
7.0	Project Assistant Level-III (DST-SRF) – 02 (Two)	1 st Class M.Tech. (Electronics/ Instrumentation Engg.)			05.02.2012 Rs.14000/-	32 years
8.0	Project Assistant Level-III – 02 (Two)	1 st Class M.Sc.. (Physics) with 02 years post M.Sc. research experience			05.02.2012 Rs.14000/-	32 years
9.0	Project Assistant Level-III – 01 (One)	1 st Class M.Sc.. (Physics) with 02 years post M.Sc. research experience	Experimental ultrasonics	Development of ultrasonic devices	10.06.2012 Rs.14000/-	32 years
10.0	Project Assistant Level-III – 01 (One)	1 st Class M.Tech. (Applied Optics) OR 1 st Class M.Sc. with 02 years post M.Sc. research experience in optics with knowledge of Fizean interferometers and lasers optical polishing etc.	Flatness testing experience, knowledge of Matlab/ Labview, origin interferometry etc.	Measurements using fizeau interferometers and length and dimensional measurements, measurements with frequency stabilized lasers	31.03.2012 Rs.12000/-	30 years
11.0	Project Assistant Level-III – 01 (One)	1 st Class B.Tech. (Information Tech./ Electronics) with 02 years post B.Tech. experience	Software knowledge	To work on PT project for compiling data, making reports/ results	02 years Rs.14000/-	32 years
12.0	Project Assistant Level-III – 01 (One)	1 st Class M.Sc. (Physics) with specialization in solid state physics/ electronics/ materials science/ thin films with 02 years post M.Sc. research experience	NET/GATE qualified for exposure in the field of conducting polymers and their characterization	Organic/conjugated polymers thin film deposition and characterization for organic electronic device applications	31.03.2012 Rs.12000/-	30 years
13.0	Project Assistant Level-III (DST-SRF) – 02 (Two)	1 st Class B.Tech. (Electronics/ Electronics & Communication Engg./ Electronics & Instrumentation with 02 years post B.Tech. experience	Knowledge of C and firmware development for microcontrollers	Design, development and testing of medical electronic instruments and firmware	11.01.2014 Rs.14000/-	32 years
14.0	Project Assistant Level-III - 01 (One)	1 st Class M.Sc. (Physics/ Environmental Science)	Experience in using GIS tools	To develop GIS based products for atmospheric environment over Delhi/NCR	31.03.2012 Rs.12000/-	30 years

General Conditions :-

1. The total duration for which Project Assistant 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 Assistants 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 Assistant could be engaged in different projects taken together, will be 5 years, i.e. the total period of five years of engagement of Project Assistant in different projects taken together should be counted only from 28.03.2003 onwards. The performance of the Project Assistants 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 Assistant 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 Medical Facilities: Project Assistants will not be entitled for any medical facilities either through CSIR Dispensaries or under CS (MA) Rules, however, under emergent circumstances, Labs./Instt. may give emergency treatment/consultation through CSIR Dispensaries, but they will not be eligible for reimbursement of medical expenses.
- 2.4 Registration for Ph.D : The Project Assistant will not be allowed to register himself/herself for Ph.D. But Project Assistant may be encouraged to qualify NET/GATE examination, so that on getting fellowship he/she register himself/herself for Ph.D., in that event he will have to resign as Project Assistant.
- 2.5 There would be no component of HRA, increment etc. for Project Assistants and the consolidated remuneration to be paid to Project Assistants may be called "Stipend".
3. Candidate should possess the required educational qualification as on date of interview.
4. Candidate should consciously choose the area for which his/her candidature is suitable and accordingly give order of preference.
5. **Mode of Selection** : In case large number of candidates turn up, the candidates will be shortlisted for interview by a constituted Screening Committee. Only the short-listed candidates shall be interviewed by Selection Committee. The panel so prepared will be utilized for engagement as Project Assistants as and when requirement arise.
6. Relaxation of age for SC/ST/PH/OBC will be applicable as per GOI instructions

Eligible candidates may appear together with duly filled-in downloaded Application Form (back-to-back), for "Floating (Walk-in) Interview" on 05.02.2010 between 8.00 AM to 09.30AM (candidate will not be entertained after 09.30 AM under any circumstance) in the Auditorium of the laboratory, along-with latest passport size photograph, original and attested copies of all certificates/testimonials. Candidates belonging to SC/ST/OBC/PH, should bring copies of certificates in the proper format issued by the appropriate authority as per the latest instructions issued from time to time on the subject.

NO TA will paid to the candidates for appearing at the interview.

Controller of Administration

Note: Candidate should go through advertisement carefully for their suitability in the area.



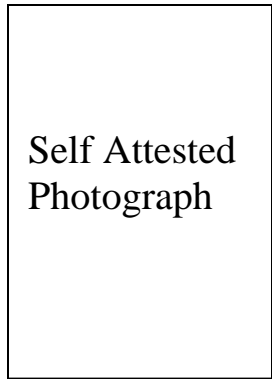
NATIONAL PHYSICAL LABORATORY

(Council of Scientific & Industrial Research)

Dr. K.S. Krishnan Road, New Delhi - 110012

Floating (Walk-in) Interview : 05th February, 2010

AREA : Information Tech. / Physics / Electronics /
Instrumentation (Please encircle)



Self Attested
Photograph

NAME :

FATHER'S NAME :

DATE OF BIRTH : STATUS : GEN / SC / ST / OBC / PH

CORRESPONDENCE
ADDRESS WITH
PHONE NO. & EMAIL ADDRESS

EDUCATIONAL QUALIFICATIONS (starting from 10th / matriculation) :

Degree	Area/Subject	Board / University	Year	Class/ Division	% marks or GPA

YEAR OF QUALIFYING : NET _____ GATE _____

PUBLICATIONS AND PATENTS, if any :

No. of papers in Journals _____ No. of papers in Conferences _____ No. of patents granted / filed _____

EMPLOYMENT RECORD (if any) :

Institution	Designation	Salary p.m.	From	To

If working at NPL, Post _____ DP name _____

Name, Designation & Lab./Instt. of the relative,
if any working in CSIR/NPL or its sister Lab./Instt.

WHICH POSITION WOULD YOU LIKE TO BE CONSIDERED FOR (IN ORDER OF PREFERENCE) Please mention the Post code.

1. _____ 2. _____ 3. _____

Date : 05.02.2010
(Signature)

Write in 200 words why you are suitable to work at NPL

For Office use only

POINTS AWARDED

From back page	
From screening interview (out of 20)	
TOTAL	

FORWARDED TO SELECTION COMMITTEE:
(please write yes or no)

Signatures by Screening Committee

MEMBER

MEMEBR

MEMBER

MEMBER

