

ಸಿಎಸ್‌ಐಆರ್ - ರಾಷ್ಟ್ರೀಯ ವೈಮಾಂತ್ರರಿಕ್ಷ ಪ್ರಯೋಗಶಾಲೆಗಳು
सीएसआईआर-राष्ट्रीय वांतरिक्ष प्रयोगशालाएं, बेंगलुरु - 560017, भारत
CSIR- NATIONAL AEROSPACE LABORATORIES
(Council of Scientific & Industrial Research)
Bengaluru - 560017, INDIA

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ADVT. No. 12/2023

WALK-IN-INTERVIEW FOR PROJECT STAFF

CSIR-NAL is a unit under the Council of Scientific and Industrial Research (CSIR), an autonomous body under the Ministry of Science and Technology, Govt. of India. Applications are invited from qualified candidates (Indian nationals) who meet the necessary educational and work experience for engagement of Project Staff to work in various projects at CSIR-NAL. The engagement of Project Staff is purely on temporary and contract basis under the CSIR/Externally funded/Other projects undertaken by CSIR-NAL. The engagement shall be for short period and **co-terminus** with the project.

Candidates who fulfil the under-mentioned educational qualifications and experience etc. may attend the Walk-in-Interview during **08/01/2024 to 25/01/2024** along with the application, in the prescribed format enclosed, as detailed below:

Sl. No.	Date of Interview	Position	Qualification and Area / Specialization	No. of Positions	Age limit (in years)	Job Requirements
1	08/01/2024	SAA	B.com (Finance) / Any Graduate with Computer Knowledge and English Junior Typing / Any Graduate with one year Diploma in Digital Filmmaking / Any Graduate with one year experience in Printing Technology	06*	50	<ul style="list-style-type: none">➤ Computer infrastructure maintenance management and support in association with ICT Divisions of NAL and ADA, aiding in procurement of software/hardware/ consumable from GeM, administrative/official document generation and maintenance and managing office of Technology Director(TD-CLAW) at NAL.➤ Procurement and financial monitoring, assistance in programme office activities and co-ordination with other participating teams.➤ Jigyasa science experiment videography and editing.➤ Experience in Offset Printing, Section Sewing, Rexene Binding and other book bindings.
2		PA	B.Sc (Multimedia / Videography and Video Editing)	02*	50	<ul style="list-style-type: none">➤ Project Report making, assisting in graphic designing for R&D brochure, posters, etc..➤ To videograph and edit NAL events, R&D technologies and facilities.

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Sl. No.	Date of Interview	Position	Qualification and Area / Specialization	No. of Positions	Age limit (in years)	Job Requirements
3	10/01/2024	PA	BCA / B.Sc / Diploma in Computer Science	02*	50	➤ Software development in web technologies using Spring Boot, JAVA, Oracle and MSQl Database
		PA-I	BE/B.Tech/M.Sc/MCA (EEE/ECE/ICE/CSE/IT)	06*	35	<ul style="list-style-type: none"> ➤ Electronics Systems design, development & integration for HANSA-NG aircraft. ➤ Operation and maintenance of control systems, data acquisition & NDT equipment. Instrumentation and Data Acquisition. ➤ Design and deployment of Custom Security Algorithms using Computational Intelligent techniques, Secured Infrastructural solutions and optimal networking architectures. Secured Domain Network. Implementation using existing software and AI based customization using Cryptography, AI and Network Security. ➤ Software development in web technologies using Spring Boot, JAVA, Oracle and MSQl Database
4	12/01/2024	PA-II	BE / B.Tech / ME / M.Tech with 2 years' experience (EEE/ECE/ICE/CSE/IT)	06*	35	<ul style="list-style-type: none"> ➤ Image Data processing, Programming languages like Python, C, C++, etc..., Handling Photogrammetry Application Softwares, Interested in Flight Testing of Drones. ➤ MATLAB/Simulink Implementation, real time code generation, interface to various ground test platforms (Hardware in loop, pilot in loop etc), evolving the generic procedure for real time testing of control laws for aircraft, knowledge of MATLAB & Simulink and familiarity in C/C++. ➤ Preparation of line diagram, avionics interconnection and 2D drawing, avionics system ATP/ATR preparation, EMI/EMC analysis, technical report generation for above activities. ➤ Design and deployment of Custom Security Algorithms using Computational Intelligent techniques. Secured Infrastructural solutions and optimal networking architectures. Using Cryptography, AI and Network Security algorithms, customized algorithms required to develop. ➤ Framework development for Asset management analytics with decision support. Framework for online system for IT infrastructure Lifecycle Management. Secured Infrastructural solution. ➤ Secured Domain Network. Implementation using existing software and AI based customization using Cryptography, AI and Network Security.

<i>Sl. No.</i>	<i>Date of Interview</i>	<i>Position</i>	<i>Qualification and Area / Specialization</i>	<i>No. of Positions</i>	<i>Age limit (in years)</i>	<i>Job Requirements</i>
	12/01/2024	PA-II (NET/GATE)	ME / M.Tech with 2 years' experience (Aero/Controls/Instrumentation)	01*	35	➤ Flight Data Analysis, Flight Path reconstruction, Aero Data Modeling, Documentation.
		SPA	Ph.D (Thesis submitted) / M.E / M.Tech with 2 years' experience (ECE/Microwave Antennas and Microwave Metamaterial)	01*	40	➤ Design and Simulation of high transmission panels, EM characterization of materials, etc..
5	17/01/2024	PA	Diploma (Mechanical/Production/Aerospace/Automobile/Aircraft Maintenance Engineering)	06*	50	<ul style="list-style-type: none"> ➤ Familiar with DGCA CAMO procedures, maintenance organization procedures, experience in maintenance of Rotax 914/912 engines. ➤ Light aircraft and piston engines, experience is essential. Should have working knowledge on DGCA CAR-M subpart F&G procedures. ➤ Engineering design drawings and fabrication of test rig components. ➤ Assisting engine assembly and testing analysis of test data. ➤ CAD modelling and drawing generation for airframe components, Tool design, jig and fixture design. ➤ Tooling, manufacturing and assembly of composite airframe.

<i>Sl. No.</i>	<i>Date of Interview</i>	<i>Position</i>	<i>Qualification and Area / Specialization</i>	<i>No. of Positions</i>	<i>Age limit (in years)</i>	<i>Job Requirements</i>
6	18/01/2024	PA-I	BE / B.Tech (Mechanical / Production/ Aerospace / Civil)	15*	35	<ul style="list-style-type: none"> ➤ Design and simulation of radome panels experience in radome analysis. ➤ CNC Machining on 3Axis Machining Centre / Metrology Activities at APMF, CSIR-NAL / Planning Activities related to manufacturing at APMF, CSIR-NAL. ➤ CAD Design using Solidworks, CNC Router Programming, Drone integration and Assembly experience. ➤ To work in the areas of aircraft structural design/ detailed design, mechanical system design and structural analysis activities of civil aircraft projects at RNCAC. Knowledge of aircraft design and analysis practices, CAD tools like AUTOCAD/ CATIA/ MSC NASTRAN/ PATRAN/ Hyperworks is desirable. ➤ Carry out XRD and help in accelerometer project. ➤ Strength of Materials Calculations, Aircraft Structural Design, Finite element modelling and analysis using CAE tools (HyperMesh, MSC Nastran, etc..). ➤ CAD modelling and drawing of structural parts using CATIA and Draftsight. Generation of CAD model and drawing for feature level and box level testing. Preparation of tool CAD model and drawings ➤ CAD modelling and drawing preparation for airframe structural parts using CATIA and Draftsight. Tool design for composite part fabrication. Design of jigs and fixtures. ➤ Detail design, CAD modelling, Drawing generation, Design of jigs and fixtures.

Sl. No.	Date of Interview	Position	Qualification and Area / Specialization	No. of Positions	Age limit (in years)	Job Requirements
7	22/01/2024	PA-II	BE / B.Tech / ME / M.Tech with 2 years' experience (Mechanical / Aerospace / Machine Design / Civil / Aero Structures)	05*	35	<ul style="list-style-type: none"> ➤ Knowledge on CAD software like CATIA and solid works for modelling and drawing preparation of propeller and its test components. Knowledge on FEA or CFD analysis using ANSYS Work Bench. ➤ UAV Pilot, Flight Testing of UAVs (Fixed Wing or Multi Rotors), Integration of UAVs, Flight Data Gathering, Flight Data Processing ➤ Assist in Material and structural testing-Rig, hydraulics and controller operations, assist in preparation of 3D and 2D structural drawing for fixtures and rig related to testing, assist in Design and data analysis of structural tests. ➤ 2D and 3D CAD modeling, drawing generation & assembly of structural test rigs and loading fixtures using CATIA/CAD tools. Proficiency in CATIA V5 is desirable. ➤ Design of mechanical systems, GD&T, CAD, CAE.
		PA-II (NET / GATE)	BE / B.Tech / ME / M.Tech with 2 years' experience (Aeronautics / Aerodynamics / Aerospace)	03*	35	<ul style="list-style-type: none"> ➤ Experimental data collection and analysis, Flow field study & analysis of a nozzle sprayer. ➤ To work in the field of Aircraft Aerodynamics, Stability, Control and Aircraft Performance estimation; Programming skills in C/MATLAB Desirable: CAD skills (CATIAV5). ➤ To work in the field of Aircraft Aerodynamics, Stability, Control and Aircraft Performance estimation; Programming skills in C/MATLAB Desirable: CAD skills (CATIAV5).
		SPA	B.E / B.Tech with 4 years' experience (Mechanical / Aerospace)	01*	40	<ul style="list-style-type: none"> ➤ Working knowledge of modelling and FEA, FEM of riveted joints for Aerospace Structural Applications.

Sl. No.	Date of Interview	Position	Qualification and Area / Specialization	No. of Positions	Age limit (in years)	Job Requirements
8	24/01/2024	PA	B.Sc (Chemistry)	01	50	➤ General Chemistry / Organic Chemistry, Synthesis of Microcapsules.
		PA-I	M.Sc / B.E / B.Tech (Physics /Materials Science / Metallurgical /Materials)	03*	35	➤ Thin Films Deposition by Sputtering. ➤ Assisting in conducting mechanical testing and metallurgical studies and assisting in conducting experimental studies involving friction stir welding. ➤ To carry out experiments related microstructure sample preparation, data generation related to metallurgical characteristics such as hardness, corrosion resistance, mechanical properties of various alloys.
		PA-II (NET/GATE)	M.Sc with 2 years' experience (Deposition of Thin Films)	01*	35	➤ Deposition of thin films.

**Positions may vary as per the Project requirements and CSIR-NAL will make a panel of waitlisted candidates to supplement the new projects. Such panel will be valid for one year from the date of notification of result, or till the completion of the project, whichever is earlier.*

Monthly Stipend / Emoluments:

I. Scientific Administrative Assistant: ₹18,000/- + HRA

II. Project Assistant: ₹20,000/- + HRA

III. Project Associate-I

(a) ₹25,000/- + HRA

(b) * ₹31,000/- + HRA to Scholars who are selected through (i) National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (ii) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions.

IV. Project Associate-II

(a) ₹28,000/- + HRA

(b) * ₹35,000/- + HRA to Scholars who are selected through (i) National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (ii) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions.

V. Senior Project Associate: ₹42,000/- + HRA

*** NOTE: Candidates appearing for position of PA-I and PA-II having valid GATE score card will be paid only ₹25,000/- and ₹28,000/- + HRA respectively. If at all, the project needs GATE qualification, only then, they will be paid ₹31,000/- and ₹35,000/- + HRA respectively.**

General Conditions:

1. The engagement of Project Staff which is on contract basis in respect of all above positions will confer no rights on the candidates, whatsoever, implicitly and / or explicitly for their continuation beyond tenure /absorption/ regularization in CSIR. The engagement shall be for short period and co-terminus with the project and may be terminated at any time by giving a notice of one month from either side or one-month stipend in lieu thereof.
2. Project Staff would be governed by the CSIR/NAL Guidelines relating to engagement of project staff in CSIR Projects including NMITLI projects, OLP/MLP, Contract R&D and non-CSIR funded Projects.
3. Director, CSIR–NAL reserves the right to increase / decrease the number of positions and also cancel the recruitment process for the positions mentioned above at any stage of the recruitment process. The decision of the Director, CSIR-NAL will be final and binding on all candidates at any stage for engagement of Project Staff.
4. Maximum duration in one project or in different projects taken together in CSIR-NAL or other CSIR labs shall not be more than five years in any case.
5. If the candidate is already working in CSIR-NAL or any other CSIR labs, a “**No Objection Certificate**” from the Project Leader/HOD is mandatory at the time of interview.
6. The prescribed essential qualifications are the minimum and should be in the areas required as above. Mere possession of the same does not entitle candidates to be called for interview. CSIR-NAL will adopt its own criteria for shortlisting of candidates. The candidate should, therefore, mention in the application, all the qualifications and experience in the relevant area, over and above the minimum prescribed qualification, supported with documents and ensure that all details are complete and accurate.
7. The selection would be based upon the performance in the interview or any other criteria adopted by the selection committee(s). A panel of suitable candidates would be generated after the selection process and the validity of this panel would be for a maximum period of one year. Empanelment does not provide automatic guarantee of engagement. Utilization of panels depends on the number of positions available in various projects during the period and any interim inquiry will not be entertained.
8. In case a large number of candidates appear for the interview, the Selection/Screening Committee will have discretion to shortlist the candidates for the interview based on written exam or any other criteria deemed fit. In respect of equivalence clause in Essential Qualifications, if a candidate is claiming a particular qualification as equivalent qualification for recruitment as per the requirement of advertisement, then the candidate is required to produce order/letter in this regard, indicating the Authority (with number and date) under which it has been so treated otherwise the application is liable to be rejected.
9. The candidates may clearly mention the category they belong to i.e., SC/ST/OBC/PH/EWS and attach documentary proof of the same.
10. No TA/DA will be paid to the candidates for attending the Walk-in-Interview.

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11. Candidates who have completed their degree with requisite educational qualifications only need to attend the Interview. However, candidates appearing/appeared for the qualifying examination whose results are awaited **are not eligible to attend the interview.**
12. List of selected candidates will be notified on our website: <https://www.nal.res.in>. In addition, panel of waiting list will also be drawn for future requirements and it will be valid for a period of one year.
13. The selected candidates are expected to join within 15 days from the date of receiving the offer letter and no further extension is normally entertained. If the candidates are unable to report within 15 days, the offer will be cancelled without further notice and the offer will be issued to the next waitlisted candidate.
14. **The engagement of Project Staff will be subject to production of ORIGINAL documents viz. Educational Qualification certificates with all mark sheets, Experience certificates, Caste Certificate etc.**
15. The date of determining qualification and age shall be the date of Walk-in-Interview.
16. Candidates are requested NOT to send the application by post/speed post/e-mail.
17. Canvassing in any form and/or bringing any influence political or otherwise will be disqualified.

Walk-in-Interview Dates:


The candidates willing to attend the Walk-in-Interview are informed to report at CSIR-NAL (RAB Meeting Complex, National Aerospace Laboratories [NAL], Adjacent to SBI, NAL Branch, Kodihalli, Bengaluru – 560017 on the specified dates **between 8.30 AM to 9.30 AM** for registration and verification of documents.

NOTE:

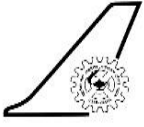
- **No candidates are allowed for registration after 09.30 AM.**
- Candidates who wish to apply for more than one position need to **apply separately for each position.**
- Candidates are informed to bring a copy of Aadhar Card or any Government issue ID Cards with photograph of the applicant and duly filled in application form (available in our website) without fail, along with latest passport size photograph, **original certificates with one set of Xerox copies** (including Caste Certificate, if any, in the proper format issued by the appropriate authority as per the latest instructions issued from time to time on the subject).
- ***Preference will be given to those with experience as per the desirable skills and ability to work as a part of a team.***
- ***Further, you may have to come with necessary preparations to attend the interview on the next day in the event of your interview not being completed on the indicated day for any reason.***

For further information, please visit: <https://www.nal.res.in>

For any query please contact

 080-25086078, Email: recruitment@nal.res.in

Sd/-
Controller of Administration



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Affix your
latest passport
size
photograph

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APPLICATION FORM FOR WALK-IN-INTERVIEW

DATE: _____

1.	Name of the Post applied for	SAA	PA	PA-I	PA-II	PA-II (NET/ GATE)	SPA
2.	Specialization						
3.	Name in full (Block letters)						
4.	Father's / Husband's Name (Block letters)						
5.	Date of Birth (as per X Std. / SSLC Certificate) (DD/MM/YYYY)						
6.	Age						
7.	Sex (Male/Female)						
8.	Nationality						
9.	Category	UR/SC/ST/OBC/EWS/PWD					
10.	Address for Communication with PIN code						
		Mobile No.:					
		E-mail ID:					
11.	Permanent Address with PIN code						

12.Educational Qualification (attach relevant copies)						
<i>Details of Courses and Specialization</i>	<i>Period of Course</i>		<i>Total Marks</i>	<i>Total Marks Obtained</i>	<i>%/CGPA score</i>	<i>Board/ University/ Institution</i>
	<i>From (MM/YY)</i>	<i>To (MM/YY)</i>				
SSLC / X Std.						
10 + 2 / PUC						
Diploma						
Graduation						
Post-Graduation						
Ph.D						

13. Details of Employment (in Chronological Order) (attach relevant copies)						
<i>Name of the organization & Place (Please specify whether Central/Govt. /State Govt./Public Sector/Autonomous Body/Private Sector)</i>	<i>Position(s) held</i>	<i>Period</i>		<i>Nature of Work</i>	<i>Gross Pay Scale</i>	<i>Whether working on Regular/ Contractual / Adhoc Basis etc.,</i>
		<i>From (MM/YY)</i>	<i>To (MM/YY)</i>			

14.	Are you having CSIR-UGC NET/GATE Score card? YES / NO (If yes, please attach valid score card / certificate)
15.	Any other information
16.	Particulars of close relatives working in CSIR / CSIR-NAL: YES / NO (If yes, please provide following details)
Name	
Designation	
Division	
Relationship	
17.	Are you under any Bond / Contractual obligation to serve Central / State Govt. / PSU / Autonomous or any other body / organization
18.	Whether dismissed from service from any other institution / office or debarred by the Public Service Commission. If Yes, give details

- ❖ I hereby declare that all the statements made in this application are true, complete and correct to the best of my knowledge and belief.
- ❖ I understand that in the event of any information being found false or incorrect at any stage, my candidature / appointment shall be liable to be cancelled / terminated summarily without notice or any compensation in lieu thereof.

Place:

Signature:

Date:

Name:

Date:

NO OBJECTION CERTIFICATE

This is to certify that Ms./Smt/Shri.....
is working as (Designation),
..... (PA No.) at (Division)
w.e.f.

It is further certified that we have no objection to his/her attending
interview for the post of at CSIR-NAL against
Advertisement No..... scheduled to be held during
..... to If selected, he/she will be
relieved within 15 days from the date of his / her resignation.

Signature of the PL/HOD:.....

Name:.....

Designation:.....

Division:.....