

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

Date of Publication: 02/07/2025

**ADVT. No. 10/2025**

**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 15/07/2025 to 22/07/2025 along with the application in the prescribed format enclosed.

15/07/2025				
Position with monthly Emoluments	Qualification / Specialization / Experience	No. of Positions	Age limit (in years)	Job Requirements
PA-II (₹ 20000/-+ HRA)	Diploma (BMLT/DMLT)	01	35	<ul style="list-style-type: none"> <li>➤ Blood Sample drawing</li> <li>➤ centrifugation</li> <li>➤ Hematology analysis (cell counts etc.,)</li> <li>➤ Bio chemistry Analysis</li> <li>➤ Clinical pathological analysis</li> <li>➤ working knowledge of MS Office</li> <li>➤ Communication skills (English and Hindi)</li> <li>➤ Any other responsibilities defined by the project leader</li> </ul>
PAT-I (₹ 25000/-+ HRA)	M.Sc/BE/B.Tech (Physics, Chemistry/Polymers, Materials Science/ Chemical/Metallurgy)	05	35	<ul style="list-style-type: none"> <li>➤ Development and Characterization of PVDF films for accelometry sensors, Corrosion related studies and Electropolishing NiTi based Shape memory alloys, Software code development for Active cancellation of probing signals in phased arrays, EM design of antenna array, VHDL coding</li> <li>➤ a. To assist in the development of C-SiC composites through CVI process. b. To assist in the operation of CVI reactor. c. To characterise the C-SiC composite developed. d. Report Preparation</li> <li>➤ The selected candidate should assist in a. Conducting friction stir welding experiments b. Metallurgical sample preparation c. Conducting mechanical and corrosion testing of various samples</li> </ul>

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<b>Position with monthly Emoluments</b>	<b>Qualification / Specialization / Experience</b>	<b>No. of Positions</b>	<b>Age limit (in years)</b>	<b>Job Requirements</b>
PAT-II (₹ 28000/-+ HRA)	BE/B.Tech with 2 years' experience or ME/M.Tech (Ceramic Technology)	01	35	<ul style="list-style-type: none"> <li>➤ SiC coating of C/C composites</li> <li>➤ Characterization of C/SiC Composites</li> <li>➤ Making 2D drawing/3D model of tools and fixtures</li> <li>➤ Assistance during CVI reactor operations and maintenance</li> <li>➤ Processing of CMCs through CVI, PIP and LSI processes</li> </ul>
<b>16/07/2025</b>				
PAT-II (₹ 28,000/-+ HRA)	BE/B.Tech with 2 years' work experience or ME/M.Tech (Electronics and Communications, Electrical and Electronics, Power Electronics, Instrumentation, Signal Processing, Embedded Systems)	02	35	<ul style="list-style-type: none"> <li>➤ HAP Avionics COMPONENTS Integration, WIRING and Testing</li> <li>➤ Experience in MATLAB, C, C++ programming skills, Microcontroller with embedded DSP programming. SHM testing</li> </ul>
PAT-II (NET/GATE) (₹ 35,000/-+ HRA)	ME/M.Tech (RF Microwave or Electronics)	01	35	<ul style="list-style-type: none"> <li>➤ Design and simulation of leaky wave antenna for aircraft in cabin applications</li> </ul>
Principal PAT (₹ 49,000/-+HRA)	BE/B.Tech with 6 years' work experience or ME/M.Tech with 3 years' work experience (Electrical/Electronics/ ECE)	01	40	<ul style="list-style-type: none"> <li>➤ Model based Design of Control laws using MATLAB/SIMULINK</li> <li>➤ Engineer in loop simulation activities, Non real time performance evaluation of control laws for fighter aircraft</li> </ul>

17/07/2025				
<b>Position with monthly Emoluments</b>	<b>Qualification / Specialization / Experience</b>	<b>No. of Positions</b>	<b>Age limit (in years)</b>	<b>Job Requirements</b>
PAT-I (₹25000/-+HRA)	BE/B.Tech/M.Sc/MCA (Electrical/Electronics/ECE/ EEE/ Computer Science, AI/ML/Mechatronics)	07	35	<ul style="list-style-type: none"> <li>➤ Design of electrical routing of control panel and power supply unit. Installation check of control panel. Running of experiments and data processing</li> <li>➤ Basic understanding of flight dynamics, Linear algebra, linear classical control design, MatLab &amp; Simulink and C language</li> <li>➤ VHDL Coding, software code development for active cancellation of interfering signals in phased arrays, measurements</li> <li>➤ Basic Knowledge MBSE tools and software (eg., SysML, Ansys Scade, MathWorks MATLAB. Understanding of aerospace systems and their functional requirements. Knowledge of Military &amp; Civil Aerospace software development standards and of relevant regulations. Strong understanding of SDLC method</li> <li>➤ Software development in C, C++, QT</li> <li>➤ Development of different deep learning models (including generative architectures) for specific problem statement (Programming language: Python) 2. Hyperparameter tuning and optimization 3. Documentation (preparation of Technical reports)</li> <li>➤ Java, MySQL, Python Programming, GUI, software development for I4.0, AI and ML applications, API Routines, database and server management</li> </ul>
PAT-I (NET/GATE) (₹ 31,000/-+HRA)	BE/B.Tech or ME/M.Tech (Electrical/ Electronics/ECE/CS/AI/ML/ EEE)	05	35	<ul style="list-style-type: none"> <li>➤ Model based Design of Control laws using MATLAB/SIMULINK. Engineer in loop simulation activities, Non real time performance evaluation of control laws for fighter aircraft</li> <li>➤ To work in TMR sensor fabrication project</li> <li>➤ Development of different deep learning models (including generative architectures) for specific problem statement (Programming language: Python) 2. Hyperparameter tuning and optimization 3. Documentation (preparation of Technical reports)</li> <li>➤ Development of Sensor Fusion and Target Tracking Algorithms, Signal Processing, C and C++, Flight Data Analysis</li> </ul>

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21/07/2025				
Position with monthly Emoluments	Qualification / Specialization / Experience	No. of Positions	Age limit (in years)	Job Requirements
PA-II (₹ 20,000/-+ HRA)	Diploma (Mechanical/Production)	09	35	<ul style="list-style-type: none"> <li>➤ Co-ordination in preparation of Process Sheet for manufacturing of metallic parts and liaising with design groups for clarifications</li> <li>➤ Formulation preparation, spray coating, testing, documentation</li> <li>➤ Assist in Quality Assurance &amp; Metrology Activities and to work on CNC Machines for manufacturing of aircraft components and tooling elements.</li> <li>➤ Design of assembly jigs, fixtures, GHEs for aircraft project in CATIA software</li> <li>➤ Operating CNC vertical Machining Centre, Knowledge of CNC Programming, Good Communication Skills to interact with students and trainees, Maintenance of Lab Equipment, Support and teach students in using of machines, tools and equipments.</li> <li>➤ Operating a CNC turning centre, Knowledge of CNC Programming, Good Communication Skills to interact with students and trainees, Maintenance of Lab Equipment, Support and teach students in using of machines, tools and equipments.</li> <li>➤ Working on CATIA CAD/CAM Software, CNC Programming in CATIA, Teaching of CAD/CAM software, generating teaching data in CATIA, good communication skills to interact with students and trainees, General Computer and software management, Technical Support to students and faculty and documentation work.</li> </ul>
PAT-II (₹ 28,000/-+ HRA)	BE/B.Tech with 2 years' work experience or ME/M.Tech (Mechanical/Aerospace/ Aeronautical /Aerodynamics, CFD/Production)	05	35	<ul style="list-style-type: none"> <li>➤ Aerodynamics Engineering with knowledge of CFD, Aerodynamics with experience of programming in C++/Python and working knowledge of Linux, awareness of grid generation software, post processing etc.,</li> <li>➤ Development and characterization of PVDF sensors for accelerometer applications</li> <li>➤ Aircraft Controls &amp; Simulation</li> <li>➤ Flight data analysis, parameter estimation, air data calibration, aircraft performance analysis and Experience in Finite Element Analysis of Aircraft components, Test rigs and Fixtures Proficiency in MSC PATRAN/NASTRAN or ALTAIR HYPERMESH/HYPERVIEW</li> </ul>

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<b>Position with monthly Emoluments</b>	<b>Qualification / Specialization / Experience</b>	<b>No. of Positions</b>	<b>Age limit (in years)</b>	<b>Job Requirements</b>
PAT-II (NET/GATE) (₹ 35,000/-+ HRA)	BE/B. Tech with 2 years' work experience (Aerospace/Aeronautical Engineering)	01	35	➤ To work in the field of flight dynamics and sensor data fusion. Working experience in MATLAB/Simulink, Flight Data Analysis and Documentation
Sr. PAT (₹ 42,000/-+HRA)	BE/B.Tech with 3 years' work experience or ME/M.Tech (Aerospace/Aeronautical/ Mechanical Engineering)	01	40	➤ Fighter aircraft aerodynamic modelling, 6 DoF model development, Aero database implementation, Control power adequacy studies, Flight Mechanics parameter studies in MATLAB/SIMULINK environment.
<b>22/07/2025</b>				
PAT-I (₹ 25000/-+HRA)	BE/B.Tech (Mechanical/Aerospace/ Aeronautical)	11	35	<ul style="list-style-type: none"> <li>➤ Design and Drawing related to Propeller assembly, Propeller-Electric Motor Integration</li> <li>➤ CAD Drawings Related to Power plant and Fuel System, Route book preparation and co-ordination</li> <li>➤ Basic understanding of flight dynamics, Linear algebra, linear classical control design, MatLab &amp; Simulink and C language</li> <li>➤ To generate and update Hansa Wing, Flap and Aileron Part and Assembly 3D CAD Models and 2D Drawings using CATIA V5 R20 Application by incorporating PQ &amp; SNAG</li> <li>➤ Knowledge in Development of Moulding tools, Assembly Jigs &amp; Fixture. Knowledge in Composite Manufacturing and project monitoring</li> <li>➤ CAD Drawing, Test Rig Fabrication</li> <li>➤ Design and drafting work related to aircraft power plant and fuel system components and assembly</li> <li>➤ To carry out structural analysis using CAE softwares like Hypermesh and NASTRAN</li> <li>➤ Mechanical Design, CAD, SOM, FEA</li> <li>➤ Working on CATIA CAD/CAM Software, CNC Programming in CATIA, Teaching of CAD/CAM software, generating teaching data in CATIA, good communication skills to interact with students and trainees, General Computer and software management, Support students and faculty in using of software.</li> </ul>

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<b>Position with monthly Emoluments</b>	<b>Qualification / Specialization / Experience</b>	<b>No. of Positions</b>	<b>Age limit (in years)</b>	<b>Job Requirements</b>
PAT-I (NET/GATE) (₹ 31000/-+HRA)	BE/B.Tech (Aerospace/Aeronautical/Mechanical Engineering)	1	35	➤ Model based Design of Control laws using MATLAB/SIMULINK. Engineer in loop simulation activities, Non real time performance evaluation of control laws for fighter aircraft

**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. Project Assistant-II:

a) ₹20,000/- + HRA

II. Project Associate-I /PAT-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.

III. Project Associate-II /PAT-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.

IV. Senior Project Associate/Sr PAT: ₹42,000/- + HRA

V. Principal Project Associate/Principal PAT: ₹ 49,000/-+HRA

**\* NOTE: Candidates appearing for position of Project Associate-I/PAT-I and Project Associate-II/PAT-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.

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4. Maximum duration in one project or in different projects taken together in CSIR-NAL or other CSIR labs shall not be more than six years.
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. More 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 relaxation in the age limit for the candidates belonging to the category of SC/ST/PwBD/Women and the category of OBC shall be 05 years and 03 years respectively or as per Govt. of India instructions issued in this regard from time to time. The candidates may clearly mention the category they belong to i.e., SC/ST/OBC/PH/EWS and attach a documentary proof of the same. Failing to attach the documentary proof of age relaxation will not be extended.
10. No TA/DA will be paid to the candidates for attending the Walk-in-Interview.
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. at the time of verification.**
15. Engagement under any of these positions shall be on behalf of the sponsoring agency and shall be temporary and co-terminus with the tenure of the project or 06 years whichever is earlier. Further such engagement, directly or indirectly, shall not provide any right/claim for regularization for permanent post of CSIR.
16. The date of determining qualification and age shall be the date of Walk-in-Interview.
17. Candidates are requested NOT to send the application by post/speed post/e-mail.
18. Canvassing in any form and/or bringing any influence political or otherwise will be disqualified.

**On the Day of Walk-in-Interview:**

The candidates willing to attend the Walk-in-Interview are informed to report at CSIR-NAL (RAB Meeting Complex, National Aerospace Laboratories), Adjacent to SBI, NAL Branch, Kodihalli, Bengaluru – 560017 on the specified date 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 is not completed on the indicated day for any reason.***

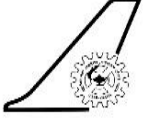
For further information, please visit: <https://www.nal.res.in>

For any query please contact

☎ 080-25086078, Email: [recruitment@nal.res.in](mailto:recruitment@nal.res.in)

Sd/-  
Sr. Controller of Administration





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Bengaluru – 560017, INDIA

Affix your latest  
passport size  
photograph

**ADVT. No. 10/2025**  
**APPLICATION FORM FOR WALK-IN-INTERVIEW**

DATE: \_\_\_\_\_

1.	Name of the Post applied for	PA-II	PAT-I	PAT-I (NET/GATE)	PAT-II	PAT-II (NET/GATE)	Sr.PAT	Pr.PAT
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:						
		Email ID:						
11.	Permanent Address with PIN code							

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

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

14.	Are you having CSIR-UGC NET/GATE Score card? <b>YES / NO</b>	
	(If yes, please attach valid score card / certificate)	
15.	Any other information	
16.	Particulars of close relatives working in CSIR / CSIR-NAL: <b>YES / NO</b>	
	(If yes, please provide following details)	
	<b>Name</b>	
	<b>Designation</b>	
	<b>Division</b>	
	<b>Relationship</b>	
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:.....