ಸಿಎಸ್ಐಆರ್ - ರಾಷ್ಟ್ರೀಯ ವೈಮಾಂತರಿಕ್ಷ 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. 13/2026/PS

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 **10-25, August 2026** along with the application, in the prescribed format enclosed.

Date of Interview : 10/08/2026					
Position with monthly Emoluments	***Qualification Experience***	***Specialization***	***No. of Positions***	***Age limit (in years)***	***Job Requirements***
Project Associate- I / PAT-I (₹25,000/-+HRA)	Bachelor's degree in Engineering or Technology from a recognized University OR Any equivalent qualifications duly recognized by the concerned authority as per the functional requirement of the Project to be recorded in writing by PI and Director.	Mechanical/ Aerospace/ Aeronautical / Civil	16	35	➢ Fabrication of Hybrid composite and tool development work ➢ Knowledge in CAD software/FE analysis ➢ working knowledge of Hypermesh/Nastran/ Patran /CATIA Hands on Optistruct, Hyper View, Hand calculation using SOM ➢ "3D CAD modeling and detailing using CATIA/Solid-works software. ➢ Mechanical design and assembly of UAV components and 3D printing." ➢ "CAD modelling, fabrication drawings preparation through Solid-works. ➢ Vendor interaction, coordination with the PAs for procurement, inspection, Engine assembly and testing.

					➢ Modelling of ultrasonic Welding, knowledge of FE software, manufacturing, and supporting testing activity ➢ Support for fixture design and manufacturing ➢ CAD and FE modelling and static/ buckling analysis. ➢ Aerospace Engg/ ECE/ EEE; Flight Mechanics and control ➢ Divisional Inspection and Calibration of measuring instruments
Project Associate- II (NET/GATE) (₹35,000/-+HRA)	Bachelor's degree in Engineering or Technology from a recognized University or equivalent and 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services OR Masters/Integrated Masters in Engineering or Technology from a recognized University	Aerospace / Aeronautical/ Mechanical / Control Engineering	02	35	➢ "Essential - Computational Fluid Dynamics (CFD), Mesh generation, Aerodynamics ➢ Desirable: Experience of programming in C++/Python and working knowledge of Linux and open-source software packages and visualisation tools" ➢ "MATLAB/Simulink. ➢ Flight dynamic modeling and control ➢ 6 dof model and flight mechanics"
Date of Interview : 12/08/2026					
Project Associate-I/ PAT-I (₹25,000/-+HRA)	Masters/Integrated Masters from a recognized University OR Bachelor's degree in in Engineering or Technology in from a recognized University OR Any equivalent qualifications duly recognized by the concerned authority as per the functional requirement of the Project to be recorded in writing by PI and Director.	ECE/Electronics/ Instrumentation/ Control/ EEE/AI/ML/ Computer Science/ M.Sc. Physics/ M.Sc. Electronics	12	35	➢ Development of machine learning models for aerospace applications ➢ SHM Algorithm Development, Knowledge of MATLAB, Python ➢ Support for carrying out NDE testing, Simulation ➢ Support for carrying out coupon conditioning, testing and analysis ➢ Activities in Avionics ➢ EM Material characterization, analysis of data ➢ For designing and conducting coupon level/ low level lightning tests and simulations as per necessary airworthiness standards, preparation of test matrices, analysis of test data ➢ Hotspot Analysis of LM-UAV ➢ To work in Engine instrumentation, Data acquisition and analysis ➢ Fabrication and testing of magnetic sensor

					➢ Documentation related to airworthiness certification of magnetic sensors
Project Associate- II / PAT-II (₹28,000/-+HRA)	Bachelor's degree in Engineering or Technology from a recognized University or equivalent and 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services OR Masters/Integrated Masters in Engineering or Technology from a recognized University	ECE/EEE/ Instrumentation & Control/ Robotics /Computer Science /Data Science/ RF/ Microwave OR Physics/ Electronics with 2 years' experience	15	35	➢ Model based design of control laws using MATLAB/SIMULINK, control law design & simulation for fixed wing a/c ➢ Data acquisition/ Control System Operation & Maintenance, Sensor Installation & Integration, Transducer Calibration ➢ Sensor Integration, Calibration, Instrumentation, DAS programming. Programming knowledge in Python and MATLAB, Conducting Tests and Data Analysis ➢ Development of 3D CEM model from 3D CAD model, Preparing the simulation setup, adding the cable harness, conducting the simulations and analysis for i) EMC/EMI ii) HIRF ➢ "Tools: MATLAB/Simulink/Stateflow. ➢ Experience with Ardupilot/PX4 firmware, ➢ UAV path following, guidance and control, ➢ Flight dynamics, EKF/state estimation (sensor fusion), EKF/state estimation, ➢ Model based design" ➢ Experience in UAV systems and flight controller firmware development ➢ Familiarity with communication protocols like UART, I2C, SPI, CAN ➢ Solid foundation in embedded C/C++ programming, RTOS, and real-time sensor data processing ➢ Hands-on expertise with STM32 micro-controllers and related toolchains (e.g., STM32CubeIDE, HAL/LL libraries)" ➢ UAV flight Data Processing, ➢ UAV Sensor Modelling and ➢ Design and development of estimation Algorithms ➢ To work along with the scientist in testing the algorithms" ➢ C++, Qt/QML GUI development, knowledge of software in the loop testing ➢ EM Design of Conformal Antenna and Testing ➢ RF Measurement and Testing ➢ Design, Modelling and analysis (EM) for sensor and components development, Instrumentation and Experimentation

Project Associate- II (NET/GATE) (₹35,000/-+HRA)	Bachelor's degree in Engineering or Technology from a recognized University or equivalent and 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services OR Masters in Science/Masters in Engg./Technology from a recognized University	Computer Science Engineering	02	35	➢ Python, Computer Vision, Deep Learning Network, Socket Programming for Camera Gimbal Control, Edge computing (Linux systems/ Operating Boards) Additional: Programming skills (C,C++,MATLAB)
Date of Interview : 14/08/2026					
Project Associate-I (₹25,000/-+HRA)	Masters/Integrated Masters from a recognized University OR Bachelor's degree in in Engineering or Technology in from a recognized University OR Any equivalent qualifications duly recognized by the concerned authority as per the functional requirement of the Project to be recorded in writing by PI and Director.	Chemistry/ Materials Science/Chemical Engineering	03	35	➢ Electroplating, Anodization ➢ Temperature sensor material synthesis and fabrication
Project Associate-I (NET/GATE) (₹31,000/-+HRA)	Masters/Integrated Masters from a recognized University OR Bachelor's degree in in Engineering or Technology in from a recognized University OR Any equivalent qualifications duly recognized by the concerned authority as per the functional requirement of the Project to be recorded in writing by PI and Director.	Metallurgical Engineering OR M.Sc. (Physics/ Materials Science)	01	35	➢ Microstructure examination, hardness survey

Project Associate- II (NET/GATE) (₹35,000/-+HRA)	Bachelor's degree in Engineering or Technology from a recognized University or equivalent and 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services OR Masters in Science/Masters in Engg./Technology from a recognized University	Metallurgical Engineering OR M.Tech (Metallurgical Engineering) M.Sc (Chemistry) or B.E/B.Tech with2 years' experience in Chemical Engineering	02	35	➢ Metallurgical evaluation of materials, Scanning electron microscopy; Metallurgical studies related to airworthiness qualification ➢ Characterization and testing of CFRP composites
Date of Interview : 17/08/2026					
Project Associate-II (₹28,000/-+HRA)	Bachelor's degree in Engineering or Technology from a recognized University or equivalent and 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services OR Masters in Science from a recognized University	M.Sc (Chemistry)/ Analytical Chemistry / General Chemistry / Physical Chemistry or B.E/B.Tech with2 years' experience in Chemical Engineering	04	35	➢ Experience in electroplating anodization ➢ Preparation of resin formulation and fabrication of C-fibre prepregs ➢ Experience in electroless nickel coating, Electroplating, Anodization
Date of Interview : 21/08/2026					
Project Associate- II / PAT-II (₹28,000/-+HRA)	Bachelor's degree in Engineering or Technology from a recognized University or equivalent and 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services OR Masters/Integrated Masters in	Aerospace/ Aeronautical/ Mechanical/ Machine Design/Thermal Engg / Structures	16	35	➢ 1. CAD Modeling 2. CAE Analysis ➢ "Knowledge in computational fluid dynamics ➢ 2 years' experience in the thermal / fluid mechanics area " ➢ "2 years' experience in field of design and analysis of mechanical components and test rigs. ➢ Exposure to CAD modelling and analysis software knowledge of GD & T" ➢ "2 years' experience in CFD area knowledge in comp/fan design, CAD optimisation "

	Engineering or Technology from a recognized University				➢ Experience of programming in C++/Python and working knowledge of Linux and open-source software packages ➢ "UAV Airframe Structural Design & Analysis using Hypermesh, Nastran softwares, working knowledge of Matlab. ➢ Tool design, Mould design, Jigs and fixture design. ➢ composite manufacturing. ➢ 3D CAD modeling and detailing using CATIA/Solid-works software." ➢ Tool design, Mould design, Jigs and fixture design. ➢ composite manufacturing. ➢ "Engine components design and analysis using Ansys/Nastran. ➢ Manufacturing follow up and coordination with machine shop for component fabrication. ➢ Engine vibration and performance analysis. ➢ To prepare UAV systems requirements document ➢ To support Scientists in Project Management ➢ To support Scientists in qualification of UAV Systems ➢ 2 years' experience in R&D. ➢ Technical support on mechanical testing of Specimens/ Components, Data Analysis, Design fabrication of fixtures" ➢ Manoruvre Load Computation, Size and layout Optimisation."
Date of Interview : 24/08/2026					
Project Assistant-I/ PA-I (₹18,000/-+HRA)	SSC/10th plus ITI in Fitter	Fitter/Turner/ Machinist/ Manufacturing	08	35	➢ Knowledge in manufacturing of mechanical parts ➢ Composite part manufacturing ➢ Engine components fabrication, coating activities on the engine housings, fitting activities on the engine components, engine assembly, engine preservation and maintenance, engine testing
Project Assistant-II/ PA-II (₹20,000/-+HRA)	Diploma in Engineering/Technology	Mechanical/ B.Sc. (Chemistry)	05	35	➢ Knowledge in CAD software ➢ Component inspection, NDT testing of various components, Engine assembly, testing and overhauling ➢ Metallography sample preparation, preparation of etchants

Date of Interview : 25/08/2026					
Senior PAT (₹42,000/-+HRA)	Bachelor's degree in Electrical / Electronics and Communication Engineering OR Technology from a recognized University OR equivalent and 3 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services OR (ii) Masters/ Integrated Masters in in Electrical / Electronics and Communication Engineering OR Technology from a recognized University and 2 years' experience in Research and Development in Industrial and Academic Institutions OR Science and Technology Organizations and Scientific activities and services.	Electronics	01	35	➢ RCS Analysis of LM-UAV
	BE/B.Tech with 3 years' experience or ME/M.Tech (with valid Net/Gate) or Ph.D.	Aerospace/Aeronautical/ Mechanical Engineering	02	35	➢ Dynamic and Aeroelastic analysis of Aircraft structure using FEM in NASTRAN ➢ "Essential - Aircraft Design, Conceptual Sizing, Aerodynamic Analysis, Stability and Control Analysis, Performance Analysis, Basic Flight Mechanics. ➢ Desirable - CAD, CFD (XFLR5/ OpenVSP/ ANSYS), MATLAB and SimuLink, Python, Wind Tunnel Testing"

Positions referred to above, 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.

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 six 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. In the event of his/ her selection, he/she will furnish relieving order from such previous occupation before reporting for duty.

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 entertained and will not be permitted for interview.

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. 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 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.**

14. The selected candidates are expected to get in touch with Recruitment-2 Section (project staff) with documents as mentioned at SI.No 13 above for date and time of reporting for duty, within 15 days. No further extension will be normally entertained.

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 Date:

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 **9.00 AM to 9.45 AM** for registration and verification of documents.

NOTE:

- **No candidates are allowed for registration after 09.45 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 photocopies** (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
☎ 080-25086048 / 22514032
Email: projectrecruit.nal@csir.res.in

Sd/-
Sr. Controller of Administration

ಸಿಎಸ್ಐಆರ್ - ರಾಷ್ಟ್ರೀಯ ವೈಮಾಂತರಿಕ್ಷ ಪ್ರಯೋಗಶಾಲೆಗಳು
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(Council of Scientific & Industrial Research)
Bengaluru – 560017, INDIA

Affix your latest passport size photograph

ADVT. No. 13/2026/PS
APPLICATION FORM FOR WALK-IN-INTERVIEW

APPLICATION NUMBER: DATE: _____

1.	Name of the Post applied for ***(tick only for the post you intend)***	**PA-I**	**PA-II**	**PAT-I**	**PAT-I (NET/ GATE)**	**PAT-II**	**PAT-II (NET/ GATE)**	**Senior PAT**	**Principal 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.:							
		E mail ID:							
11.	Permanent Address with PIN code								

2...

12.Educational Qualification (attach relevant copies)

Details of Courses and Specialization	*Period of Course*		*Total Marks*	*Total Marks Obtained*	*%/ CGPA score*	*Board/ University/ Institution*
	From (MM/YY)	*To (MM/YY)*				
SSLC / X Std.						
10 + 2 / PUC						
Diploma						
Graduation						
Post-Graduation						
Ph.D						

13. Details of Employment (in Chronological Order) (attach relevant copies)

Name of the organization & Place (Please specify whether Central/Govt. /State Govt./Public Sector/Autonomous Body/Private Sector)	*Position(s) held*	*Period*		*Nature of Work*	*Gross Pay Scale*	*Whether working on Regular/ Contractual / Adhoc Basis etc.,*
		From (MM/YY)	*To (MM/YY)*			

3…

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:……