



ಸಿಎಸ್‌ಐಆರ್ - ರಾಷ್ಟ್ರೀಯ ವೈಮಾಂತ್ರರಿಕ್ಷ ಪ್ರಯೋಗಶಾಲೆಗಳು

ಸಿಐಸಿಆರ್‌ಐ-ರಾಷ್ಟ್ರೀಯ ವಾಂತರಿಕ್ಷ ಪ್ರಯೋಗಶಾಲಾಒ, ಬೆಗಲೂರು - 560017, ಭಾರತ

CSIR- NATIONAL AEROSPACE LABORATORIES

(Council of Scientific & Industrial Research)

Bengaluru - 560017, INDIA

ADVT.No. 05/2022

ONLINE REGISTRATION FOR PROJECT STAFF

(Apply on or before 30.04.2022)

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 requirements 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.

| Designation | Area/Specialisation | No. of Positions | Job Requirements |
|----------------------|--|------------------|--|
| Project Assistant | First class B.Sc. with Chemistry / Diploma in Engineering in Chemical or Ceramics | 01* | To synthesize materials and assist in the characterisation |
| Project Associate-I | BE/B.Tech in Computer Science Engineering/Electronics & Communication Engg./Information Technology/Electrical & Electronics Engineering or equivalent | 02* | Refer under Principal Project Associate |
| Project Associate-II | BE/B.Tech in Materials or Metallurgical Engineering with 2 years' experience. <u>Desirable</u> : ME/M.Tech in Materials or Metallurgical Engineering or Technology | 01* | Carrying out Environmental Characterisation, studying aging effect on airframe light alloys and materials. Preference - Characterisation / Experience on Airframe Materials, light alloys, corrosion, aging effect on materials. |
| | BE/B.Tech in Computer Science Engineering OR Technology with 2 years' experience | 02* | Carrying out Defectation Data Pattern Analysis, Development of Software Tools for supporting Aging Airframe Life Extension. Preference - Experience on Java, Dot Net, SQL |
| | BE/B.Tech in Aerospace/ Aeronautics / Mechanical with 2 years' experience <u>Desirable</u> : ME/M.Tech in Aerospace with FEA on Aerospace Structure experience | 03* | Carrying out Modelling and Analysis of Aging Aircraft Structures. Preference - Experience on Modelling and FEA of Aircraft Structural Components, Damage Tolerance, Loads |
| | BE/B.Tech in Computer Science Engineering/Electronics & Communication Engg./Information Technology/Computer Network Security / Electrical & Electronics Engineering or equivalent with 2 years' experience | 01* | Refer under Principal Project Associate |
| Research Associate-I | Ph.D. in Chemistry or Physics or Materials Science or Chemical Engineering with at least one research paper in Science Citation Indexed (SCI) journal. | 01* | Development and demonstration of reversible SOFC. |

Contd...2/-

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|-----------------------------------|---|-----|--|
| Principal Project Associate (PPA) | BE/B.Tech in CSE/ECE/IT with Eight years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services OR Ph.D. in Science/ Engineering/ Technology/MS from a recognized University or equivalent with Four years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services | 02* | <ul style="list-style-type: none"> • Design and deployment of Custom Security Algorithms using Computational Intelligent techniques • Framework development for Asset management analytics with decision support • Framework for Online System for IT infrastructure Lifecycle Management • Secured Infrastructural solutions and optimal networking architectures • Secured Domain Network Implementation using existing software and AI based customization • Using Cryptography, AI and Network Security algorithms customised algorithms required to develop |
|-----------------------------------|---|-----|--|

****Positions may vary as per the Project requirements and CSIR-NAL will make a panel of waitlisted candidates to fill vacancies occurring in near future. Such panel will be valid for one year from the date of notification of result, or until project completion, whichever is earlier.***

Apart from the registration for the above positions, applications are also invited for empanelment and engagement of Project Assistants / Project Associates I & II / Senior Project Associate / Research Associates / Principal Project Associate at various levels under CSIR/Externally funded/Other projects. Area wise panels will be prepared in the following disciplines/specialization for their selection to various projects whenever the need arises. As per the CSIR/NAL guidelines, details of requirements like qualification, age, stipend etc. are given below:

Aerospace / Aeronautical / Mechanical / Mechatronics / Materials / Metallurgical Engineering, Computer Science Engineering, Electronics & Communication Engineering, Information Technology/Information Security/Computer Network Security, Electrical & Electronics Engineering, RF & Microwave, Antenna, Physics, Chemistry, Chemical Engineering, Polymer Science etc.

| Sl. No. | Designation | Qualification | Age limit (in years) |
|---------|-----------------------------|---|----------------------|
| 1 | Project Assistant | First class B.Sc. / Diploma in Engineering in the aforesaid relevant areas | 50 |
| 2 | Project Associate-I | First class (M.Sc./BE/B.Tech) in the aforesaid relevant areas | 35 |
| 3 | Project Associate-II | First class (M.Sc./BE/B.Tech) in the aforesaid relevant areas plus two years of experience | 35 |
| 4 | Senior Project Associate | BE/B.Tech in Engineering or Technology from a recognized University or equivalent with Four years' experience in R&D in Industrial and Academic Institutions or S&T Organisations and Scientific activities and services OR Ph.D. in Science/ Engg. / Technology/MS from a recognized University or equivalent | 40 |
| 5 | Research Associate-I | Ph.D. in the relevant areas with at least one research paper published in Science Citation Indexed (SCI) journal. | 35 |
| 6 | Principal Project Associate | BE/B.Tech with Eight years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services OR Ph.D. in Science/Engineering/Technology/MS from a recognized University or equivalent with Four years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services | 40 |

The database of candidates for the above designations in the specified areas are also generated and the candidates will be called for ONLINE/OFFLINE interviews for the vacancies arising in the near future.

STIPEND/Emoluments:

Project Assistant: ₹20,000/- + HRA

Project Associate-I

- (A) ₹31,000/- + HRA to Scholars who are selected through (a) National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions.
- (B) ₹25,000/- + HRA for others who do not fall under (A) above

Project Associate-II

- (i) ₹35,000/- + HRA to Scholars who are selected through a process as mentioned in (A) above.
- (ii) ₹28,000/- + HRA for others who do not fall under (A) above

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

Research Associate-I: ₹47,000/- + HRA

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

Terms & Conditions:

- a. The candidates should not have exceeded Maximum age limit as on last date of the ONLINE application/registration.
- b. The engagement will be purely on temporary and contractual basis under the CSIR/Externally funded / other projects undertaken by CSIR-NAL which may be extended or curtailed depending the status / duration of the project, satisfactory performance / conduct and shall be co-terminus with the project duration or till the funds are available, whichever is earlier.
- c. The engagement under any CSIR/Externally funded/sponsored project does not confer any right/claim whatsoever either explicitly or implicitly on the appointee for regular appointments in CSIR-NAL, against any post or otherwise under any legal conditions precedent. It would therefore, not confer any right/claim, implicit or explicit, on the part of the candidates for regularization/absorption against any post in CSIR-NAL or under any other schemes of CSIR.
- d. Performance of the selected candidates will be reviewed every six months. In case the performance is not satisfactory, the engagement could be terminated with one month's notice or one month's stipend in lieu thereof.
- e. No TA/DA will be given to the candidates for attending the interview.
- f. The candidates may clearly mention the category they belong to i.e., SC/ST/OBC/PH and attach documentary proof of the same.
- g. If already the candidate is working in CSIR-NAL or any other CSIR labs, a "No objection certificate" from the Project Leader is mandatory at the time of interview.
- h. The prescribed essential qualifications are the minimum and should be in the areas mentioned 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.
- i. House Rent Allowance (HRA) payable as per CSIR/project norms.
- j. 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. Utilisation of panels depends on the number of positions available in various projects during the period and any interim inquiry will not be entertained.
- k. Candidates who have completed their degree with requisite educational qualifications only need to apply. However, candidates appearing/appeared for the qualifying examination whose results are awaited need not apply.

- l. The decision of the Director, CSIR-NAL regarding selection will be final and binding.
- m. 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.
- n. Notifications regarding interview and list of shortlisted candidates shall be displayed in CSIR-NAL's website: <https://www.nal.res.in> from time to time.
- o. Canvassing in any form will be a disqualification.
- p. The 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.

ONLINE registration:

1. Only candidates who fulfill the above eligibility criteria may fill in the ONLINE application available through our website: <https://www.nal.res.in>. No other mode of application will be considered.
2. The candidate should have a valid personal e-mail ID and mobile number which should be kept active till the completion of this Recruitment Process. In case a candidate does not have a valid personal e-mail ID, he/she should create his/her new e-mail ID and mobile number before applying ONLINE and must maintain same e-mail account and mobile number.
3. Candidates are advised to go through the instructions carefully before filling the ONLINE application.
4. ONLINE application will be available on CSIR-NAL website <https://www.nal.res.in> which opens on 09.04.2022 (09.30 a.m. onwards) and closes on 30.04.2022 (till 5.00 p.m.). Candidates should take print out of the successfully submitted ONLINE application form for future reference. Print-out of the ONLINE application will not be available after 05.00 pm on last date of ONLINE registration i.e., 30.04.2022.
5. Candidates are required to upload his/her recent passport size scanned photograph (max size 50KB).
6. In case of Universities / Institutes awarding CGPA/SGPA/OCPA grades etc., candidates are required to convert the same into percentage based on the formula as per their University / Institute.
7. Candidates should keep a copy of the application print-out for their record.
8. **Candidate are informed to register only once for each post.** Multiple registration for different posts will not be accepted. IN CASE A CANDIDATE SUBMITS MULTIPLE ONLINE APPLICATIONS WITH DIFFERENT EMAIL ID's OR MOBILE NUMBERS, HIS/HER APPLICATION WILL BE AUTOMATICALLY REJECTED.

Important Dates:

| | | |
|--|---|------------------------------|
| Date of commencement of ONLINE Applications | : | 09.04.2022 (from 09.30 A.M.) |
| Last date for receipt of ONLINE Applications | : | 30.04.2022 (till 5.00 P.M.) |

The interview for the ONLINE registered candidates will be through ONLINE/OFFLINE and the shortlisted candidates will be sent e-mail for attending the ONLINE/OFFLINE interview.

The candidates must produce Covid-19 vaccination certificate without fail and they should adhere to the SOP guidelines issued by GOK/GOI during the OFFLINE Interview process.

For ONLINE registration, please visit our website: www.nal.res.in

Last date for submission of online application: **30.04.2022**

For any query please contact ☎ **080-25086078**, Email: recruitment@nal.res.in

For any technical problems while submitting the ONLINE application, please contact:

Smt.Kowsalya Devi M B, Senior Technical Officer, ☎080-25086038

NOTE: Interim enquiries regarding relaxations/eligibility / Selection panels will not be entertained.

Sd/-
Senior Controller of Administration