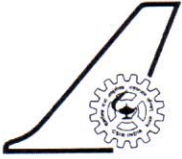


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Council of Scientific and Industrial Research  
**NATIONAL AEROSPACE LABORATORIES**  
P.B. No.1779, HAL Airport Road, Kodihalli, Bengaluru – 560 017

**Advt. No.3/2018**

**APPLY ONLINE BEFORE 24 November 2018**

(Website: [www.nal.res.in](http://www.nal.res.in))

National Aerospace Laboratories (NAL) is a premier research laboratory under the Council of Scientific and Industrial Research (CSIR). In addition to many Research, Development and Technology Programmes in Aerospace, NAL is actively involved in supporting the National Aerospace Programmes of ADA, DRDO, ISRO, HAL and IAF. Further, NAL has a strong programme in Civil Aviation including the nationally important project of design and development of a multirole Light Transport Aircraft (SARAS). NAL is also exploiting several aerospace technologies into spin-off industrial applications. It has excellent facilities in all the aerospace disciplines.

CSIR-NAL is looking for bright and highly motivated Technicians to participate in the exciting task of Aerospace R&D, Technology Development and related applications:

Please go through the full text of the advertisement on our website: [www.nal.res.in](http://www.nal.res.in) regarding qualifications, job requirements, experience, subjects and Trade etc required for each position.

Online Application includes uploading of all documents including payment of application fee wherever applicable and uploading of copies of certificates and testimonials etc,. To apply, you must fill in our specially designed Electronic Application Form available on our website: [www.nal.res.in](http://www.nal.res.in).

Please fill the Electronic Online Application Form carefully. Your selection will be based on the details entered in the Online Application Form only.

**I. TECHNICIAN-1 (47 posts) :**

Age limit : 28 years.

Reservation : SC-2, ST-5, OBC-9, EXSM-2, SPORTS-2, PWD-3 & UR-24.

- |  |                          |
|--|--------------------------|
| 1. Pay Scale as per VII CPC                                  | : `19900/-               |
| 2. Level in the Pay Matrix                                   | : Level 2                |
| 3. Total Emoluments including allowances<br>(DA+HRA+TA etc.) | : `28000/- (Approximate) |

**POST CODE: T-101 - FITTER (2 SC, 2 ST, 3 OBC, 1 PWD & 10 UR) (18 Posts) :**

Educational Qualification: SSLC / 10<sup>th</sup> Standard pass with Science subject with 55% marks **plus** ITI Certificate in **Fitter** trade **OR** National / State Trade Certificate in **Fitter** trade **OR** 2 years full time experience as Apprentice Trainee from a Recognised Institution in **Fitter** trade.

**Note: (Persons with Disabilities – Blindness OR with Low Vision(40% to 74%)**

**POST CODE: T-102 - TURNER (3 UR) (3 Posts) :**

Educational Qualification: SSLC / 10<sup>th</sup> Standard pass with Science subject with 55% marks **plus** ITI Certificate in **Turner** trade **OR** National / State Trade Certificate in **Turner** trade **OR** 2 years full time experience as Apprentice Trainee from a Recognised Institution in **Turner** trade.

**POST CODE: T-103 - MACHINIST (1 OBC, 1 PwD & 1 UR) (3 Posts) :**

Educational Qualification: SSLC / 10<sup>th</sup> Standard pass with Science subject with 55% marks **plus** ITI Certificate in **Machinist** trade **OR** National / State Trade Certificate in **Machinist** trade **OR** 2 years full time experience as Apprentice Trainee from a Recognised Institution in **Machinist** trade.

**Note: (Persons with Disabilities – locomotor disability including cerebral palsy, leprosy cured, dwarfism, acid attack victims and muscular dystrophy; (40% to 74%)**

**POST CODE: T-104 - ELECTRICIAN (1 ST, 2 OBC, 4 UR & 1 Sports person\*) (8 Posts) :**

Educational Qualification: SSLC / 10<sup>th</sup> Standard pass with Science subject with 55% marks **plus** ITI Certificate in **Electrician** trade **OR** National / State Trade Certificate in **Electrician** trade **OR** 2 years full time experience as Apprentice Trainee from a Recognised Institution in **Electrician** trade.

**POST CODE: T-105 – ELECTRONIC MECHANIC (1 ST, 1 OBC, 1 PwD, 1 Ex-servicemen, 1 Sportsperson\* & 1 UR) (6 Posts) :**

Educational Qualification: SSLC / 10<sup>th</sup> Standard pass with Science subject with 55% marks **plus** ITI Certificate in **Electronic Mechanic** trade **OR** National / State Trade Certificate in **Electronic Mechanic** trade **OR** 2 years full time experience as Apprentice Trainee from a Recognised Institution in **Electronic Mechanic** trade.

**Note: (Persons with Disabilities – for autism, intellectual disability, specific learning disability and mental illness; OR multiple disabilities from amongst persons under deaf, blindness, locomotor)**

\* **Note:** The candidate against Post Code : Post Code 104 and 105 (Sportspersons) should have represented State/Country in the National/International competitions **OR** represented the University in the Inter-University Tournaments conducted by the Inter-University Sports Board **OR** represented the State Schools Teams in the National Sports/Games for Schools conducted by All India School Games Federation in Badminton/Table Tennis/Volley Ball/Chess/Bridge/Cricket/Carrom/Basketball/Hockey/Kabaddi **OR** Sportspersons who have

**POST CODE: T-106 - DRAUGHTSMAN (Mechanic) (Unreserved) (1 Post) :**

Educational Qualification: SSLC / 10<sup>th</sup> Standard pass with Science subject with 55% marks plus ITI Certificate in **Draughtsman (Mechanic)** trade OR National / State Trade Certificate in **Draughtsman (Mechanic)** trade OR 2 years full time experience as Apprentice Trainee from a recognized Institution in **Draughtsman (Mechanic)** trade.

**POST CODE: T-107 – MECHANIC (MACHINE TOOLS) MAINTENANCE (Unreserved) (1 Post) :**

Educational Qualification: SSLC / 10<sup>th</sup> Standard pass with Science subject with 55% marks plus ITI Certificate in **Mechanic (Machine Tools) Maintenance** trade OR National / State Trade Certificate in **Mechanic (Machine Tools) Maintenance** trade OR 2 years full time experience as Apprentice Trainee from a recognized Institution in **Mechanic (Machine Tools) Maintenance** trade.

**POST CODE: T-108 – INFORMATION TECH and ELECTRONICS SYSTEMS MAINTENANCE (2 OBC, 1 Ex-servicemen & 2 UR) (5 Posts) :**

Educational Qualification: SSLC / 10<sup>th</sup> Standard pass with Science subject with 55% marks plus ITI Certificate in **Information Tech/Electronics Systems Maintenance** trade OR National / State Trade Certificate in **Information Tech/Electronics Systems Maintenance** trade OR 2 years full time experience as Apprentice Trainee from a Recognised Institution in **Information Tech/Electronics Systems Maintenance** trade.

**POST CODES: T-109 – LAB ASSISTANT (CHEMICAL PLANT) (Unreserved) (1 Post) :**

Educational Qualification: SSLC / 10<sup>th</sup> Standard pass with Science subject with 55% marks plus ITI Certificate in **Lab Assistant (Chemical Plant)** trade OR National / State Trade Certificate in **Lab Assistant (Chemical Plant)** trade OR 2 years full time experience as Apprentice Trainee from a Recognised Institution in **Lab Assistant (Chemical Plant)** trade.

**POST CODE: T-110 – CARPENTER (1 ST) (1 POST) :**

Educational Qualification: SSLC / 10<sup>th</sup> Standard pass with Science subject with 55% marks plus ITI Certificate in **Carpenter** trade OR National / State Trade Certificate in **Carpenter** trade OR 2 years full time experience as Apprentice Trainee from a Recognised Institution in **Carpenter** trade.

**I. Benefits:**

1. These posts carry usual allowance i.e., Dearness Allowance (DA), House Rent Allowance (HRA), Transport Allowance (TA) etc. as admissible to the Central Government employees and as made applicable to CSIR. Council employees are also eligible for accommodation of their entitled type as per CSIR Allotment Rules depending on availability in which case HRA will not be admissible.

2. In addition to the emoluments, benefits such as reimbursement of Medical Expenses, Leave Travel Concession, Computer Advance and House Building Advance are available as per Rules.
3. All Technicians are entitled for Career Advancement on the basis of Flexible Complementary Scheme of CSIR.
4. All New Entrants will be governed by the "New Pension Scheme" based on defined Contributions for new entrants recruited in Central Government Services on or after 1-1-2004, as adopted by CSIR for its employees. However, persons selected from other Government Departments / Autonomous Bodies / Public Sector Undertakings / Central Universities having Pension Scheme on Gol pattern will continue to be governed by the existing Pension Scheme i.e. CCS (Pension) Rules, 1972.

## **II. AGE LIMIT AND RELAXATIONS:**

1. The date for determining the upper age limit, qualifications and/or experience shall be the closing date prescribed for receipt of Online Electronics Application form i.e. **24 November 2018**.
2. Upper Age Limit is relaxable by 5 years in the case of SC/ST, 3 years in the case of OBC candidates, 10 years for Person with Disabilities(PwD) for the posts which are reserved for the respective categories. Relaxation of upper age limit for Ex-Servicemen and Meritorious Sportspersons will be applicable as per Gol Rules. The SC/ST/OBC candidates who apply against unreserved vacancies will not be eligible for age relaxation.
3. Upper age limit is relaxable upto 5 years for the regular employees working in CSIR Laboratories/Institutes, Government Departments, Autonomous Bodies and Public Sector Undertakings.
4. Relaxation in the upper age limit of 5 years applicable for persons who had ordinarily been domiciled in the Kashmir Division of the State of J&K during the period 1-1-1980 to 31-12-1989 subject to production of a certificate from the District Magistrate in the Kashmir Division within whose jurisdiction he/she had ordinarily resided or from any other authority designated in this behalf by the Government of J&K to the effect that he/she had ordinarily been domiciled in the Kashmir Division of the State of J&K during the period from 1-1-1980 to 31-12-1989.

## **III. GENERAL CONDITIONS:**

1. Only Indian Nationals need apply.
2. The appointment will be in the CSIR-National Aerospace Laboratories (NAL), Bengaluru, under the Council of Scientific & Industrial Research (CSIR) which is an Autonomous Body. However, the appointees are liable to be posted in any of the Labs/Institutes of CSIR situated anywhere in India as and when required at the discretion of Appointing Authority.
3. A Non-refundable application fee of Rs.100/- (Rupees One Hundred only) is payable separately for each post (candidates belonging to SC/ST/PwD and regular employees of CSIR are exempted from payment of application fee) in the form of online payment



4. In respect of equivalent clause in educational qualifications, if a candidate is claiming a particular qualification as equivalent as per the requirement of the 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.
5. If any document/certificate furnished is in a language other than Hindi or English, a transcript of the same duly attested by a Gazetted Officer or Notary is to be submitted.
6. Online application form of the candidates working in CSIR, Govt. Departments and Public Sector Undertakings will be considered only if the candidates uploads competent authorities approval (through proper channel) along with other documents while submitting online applications and with a clear certificate that the applicant will be relieved within one month of receipt of appointment order, if selected.
7. Online Electronics Application Form not accompanied the following documents (i) photograph of the applicant; (ii) prescribed application fee wherever applicable; (iii) requisite information asked for in the Online Electronics Application form; copies of Marks Card / Certificates for all the semesters/years from SSLC/X std level onwards; (v) Proof regarding date of birth & age; and (vi) Signature of candidate and (vii) applications submitted without uploading certificate with reference to Caste, Ex-servicemen, PwD & Sports quota will not be considered. Incomplete applications will be outrightly rejected.
8. Mere fulfilling of minimum prescribed qualifications and experience will not vest any right on the candidate to be called for Trade Test.
9. In the event of number of applications being large, Screening Committee duly constituted by CSIR-NAL as per guidelines will adopt its own shortlisting criteria to restrict the number of candidates to be called for Trade test/Written test to a reasonable number by any or more of the following methods:
  - i. By holding a Trade test ii) Written test.
  - ii. Any other methodology as prescribed by CSIR from time to time.
10. The Laboratory reserves the right to call for Test only to those candidates who in its opinion are likely to be suitable and will not entertain any correspondence in this regard.
11. Only outstation candidates (within India) called for **Written examination only** will be reimbursed Travelling Allowance (TA) as admissible under rules i.e. a single Second Class Railway Fare (by Mail or Express) each way from their normal place of residence or from the place of undertaking the journey, whichever is nearer to Bangalore on production of proof of journey. For road journeys between stations not connected by rail, the actual bus fare or road mileage at the lowest rate as admissible under rules, will be reimbursed, on production of documentary proof (bus tickets) provided that the distance covered by road is more than 20 miles each way.
12. CSIR-NAL reserves the right not to fill up all the posts, if it so desires. The number of vacancies indicated above may vary at the time of actual selection.
13. The selected candidates will be on probation for a period of one year from the date of taking over charge of the post. The probationary period may be extended or curtailed at the discretion of the Competent Authority. After successful completion of probationary period, they will be considered for confirmation in accordance with the extant rules.



14. The selected appointees should be ready to work beyond office hours whenever need arises to meet project(s) delivery schedules.
15. The selected candidates will not be permitted to apply for appointment elsewhere or in NAL/4 PI during the probationary period and if they have already applied for any posts in any other organization, they may have to intimate the details of such applications, immediately after joining the Laboratory.
16. The Online Application Registration Form duly filled together with upload of recent passport size photograph, Application fee, copies of Matriculation / SSLC / ITI / Apprentice Certificate(s) and Marks Cards for all the Semesters / Years and other testimonials in support of Date of Birth, Caste certificates, Qualifications, Experience etc.
17. As the Screening/Shortlisting of applications will be done on the basis of information furnished in the Online application form by the applicants, it is necessary that only accurate, full and correct information is furnished by the applicants. Furnishing of wrong/false information will be a disqualification and CSIR-NAL will **NOT** be responsible for any of the consequences of furnishing such wrong/false information. Candidates may register online immediately on seeing the advertisement to avoid last day rush/disappointment.
18. Candidates called for Trade test after being shortlisted by the duly constituted Screening Committee have to bring print out of online application filled.
19. The decision of CSIR-NAL in all matters relating to eligibility, acceptance or rejection of applications, mode of shortlisting, selection, conduct of Trade/Written Test will be final and binding on all the candidates and no enquiry or correspondence will be entertained in this connection from any individual or agency on behalf of the candidate.
20. Canvassing in any form and/or bringing in any influence political or otherwise will be treated as a disqualification for the post.

#### IV. SELECTION PROCEDURE:

Selection Procedure is at two stages, 1. The candidates as recommended by the Screening Committee will be invited for a Trade test and 2. Those who qualify in the Trade test will be invited for a Competitive Written examination. The Final merit list will be prepared on the basis of the performance of the candidates in the competitive written examination.

(a) The Trade Test will be mainly in the subject area of specialization as advertised. The Trade Test will be at the level of ITI Course OR as the case may be.

(b) Written examination:

Mode of Examination	OMR based or Computer based objective type multiple choice examination
Medium of examination	The questions will be set in both English and Hindi except the questions of English language.
Standard of Exam	SSLC/Xth std + ITI courses
Total number of questions	150
Total time allotted	2 hour and 30 minutes



:: 7 ::

1) Paper - I (Time allotted – 1 hour)

Subject	No. of Questions	Maximum marks	Negative marks
Mental ability test *	50	100	There will be no negative marks in this paper

\* Mental ability test will be so devised so as to include General Intelligence, Quantitative aptitude, Reasoning, problem solving, situational judgement etc.

2) Paper - II (Time allotted – 30 minutes)

Subject	No. of Questions	Maximum marks	Negative marks
General awareness	25	75	One negative mark for every wrong answer
English language	25	75	

3) Paper - III (Time allotted – 1 hour)

Subject	No. of Questions	Maximum marks	Negative marks
Concerned subject	50	150	One negative mark for every wrong answer

**INTERIM ENQUIRIES WILL NOT BE ATTENDED TO.**

  
**CONTROLLER OF ADMINISTRATION**