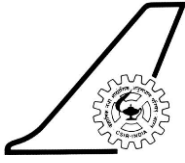


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Council of Scientific & Industrial Research
NATIONAL AEROSPACE LABORATORIES
P. B. No.1779, HAL Airport Road, Kodihalli, Bengaluru-560 017

ADVT. NO. 2/2017

APPLY ONLINE BEFORE 16 APRIL 2017

(NAL Website: www.nal.res.in)

National Aerospace Laboratories (CSIR-NAL), Bengaluru, is a premier Research Laboratory under the Council of Scientific & Industrial Research (CSIR) which is an Autonomous Body under the Ministry of Science & Technology, Government of India. In addition to many Research, Development and Technology Programmes in Aerospace, CSIR-NAL is actively involved in supporting the National Aerospace Programmes of ADA, DRDO, ISRO, HAL and IAF etc. CSIR-NAL is also exploring several aerospace technologies into spin-off industrial applications. It has excellent facilities in all the aerospace disciplines.

CSIR-NAL invites applications for Scientists positions from bright, talented, qualified professionals having brilliant academic record, high level of motivation and zeal for innovative research, to work 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 regarding Qualifications, Field of Specialisation, Experience and Job Requirements etc. required for each position. Please fill the Electronics Online Application Form carefully. Your selection for Written test / Interview will be based on the details entered in the Online Application Form only.

A printout of the online application together with application fee, wherever applicable and copies of certificates and testimonials etc. only will be entertained. To apply, you must fill in our specially designed electronic application form available on our website: www.nal.res.in

Designation	No. of Posts	Pay Band	Grade Pay	*Total Emoluments	**Upper Age Limit not exceeding (as on 16-4-2017)
Scientist	SC-5, OBC-5, HH-2 & UR-12	₹15600-39000 (PB-3)	₹6600/-	₹75,362/- *	32 years
Senior Scientist		₹15600-39000 (PB-3)	₹7600/-	₹86,484/- *	37 years

* Total Emoluments mean approximate total emoluments on minimum of scale as on 1 January 2017 including House Rent Allowance (HRA) in Class 'X' City.

**Please see detailed advertisement for age relaxation on NAL website.

1. POST CODE: ACD-201 (1 Post) (Unreserved):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech in Mechanical Engineering.	Nil	32 years

Job Requirements: The selected candidate will be working in the area of design of composite parts/tooling, detail design, release of manufacturing drawings, generation of 3D CAD models, generation of surface profiles of components, design for tooling of composite parts and preparation of tool drawings and should be knowledgeable in working with CAD packages like Auto CAD, CATIA V4 & V5.

Desirable: Candidates should necessarily have First Class in ME/MTech and should also have experience atleast for a minimum of 3 years in the relevant field. Familiarity with finite element codes like Hypermesh, NASTRAN. Understanding of structural optimization of aircraft structures.

2. POST CODE: ALD-202 (1 Post) (Reserved for *HH)

*** Hearing Handicapped**

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech in Electronics and Telecommunication/ Computer Science/ Electrical and Electronics Engineering/ MS in Software Design & Engineering	Nil	32 years

Job Requirements: To work in the area of Avionics LRU testing, integration testing in ground rig, Integration testing on aircraft, functional testing on both – ground rig and aircraft, flight data analysis for all EGR and flight tests. The work also involves design, development and testing of application software for technical project management, flight data analysis and avionics ground rig application software, automation etc.

Desirable: Candidates should necessarily have First Class in ME/MTech and also have experience in:

- a) Design and preparation of test schedules for Avionics LRU bench testing, ground rig testing, aircraft testing along with execution of tests, preparation of test reports, inspection activity, flight data analysis for a civil aircraft as per standards, ARINC 429 data simulation and cockpit display simulation using VAPS/SCADE.
- b) Design and development of application software using NET, C#, Visual studio-VC++, PHP, Java scripts, embedded software for micro controllers and processors.
- c) Web based software design and development for technical and project management.

* **Note:** The post is reserved for HH – Partially Deaf in the range of 40-74%. In case suitable candidates are not available under this category, this post will be filled by PWD candidates with Locomotor Disability in the range of 40-74%.

3. POST CODE: ALD-203 (1 Post) (Unreserved)

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech in VLSI Design & Embedded Systems/Computer Science.	Nil	32 years

Job Requirements: To work in Safety Critical Advanced Software Engineering Process, Verification-Validation of complex Software & Hardware, Algorithm development, Tool development, Tool qualification, and Software certification process.

Desirable: Candidates should necessarily have First Class in ME/MTech and should also have hands on experience in RTCA DO-178B related applications, Development of process frameworks, Tool development & integration for safety critical domain and minimum 3 years of experience in:

- a) Design & Development of System Modeling & Model-Based Design-Development Techniques;
- b) Experience in designing & implementing modules in FPGA
- c) Experience in Design & Development of software as per RTCA DO-178B/C Level A – Level D
- d) Knowledge & Experience in embedded programming such as C/C++/Java and scripting languages such as Java Script/ Python script.

4. POST CODE : C-CADD-204 (Unreserved):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech in Mechanical Engineering OR PhD in Mechanical Engineering (submitted) with knowledge of Aircraft Mechanical Systems, Design and Manufacturing standards in aircraft industry.	Nil	32 years

Job Requirements: The selected candidate will be working in detail design, simulation and testing of Environmental System components and sub-assemblies for aircraft. He/she will be required to work in the area of Aircraft Mechanical Systems, equipping and integration. He/she should have exposure to internal and external flow computations using CFD tools; Working knowledge of CAD packages such as CATIA and AutoCAD.

Desirable: Candidates should necessarily have First Class in ME/MTech and should also have 2 years experience in the relevant area.

5. POST CODE : C-CADD-205 (Reserved for SC):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech in Mechanical Engineering OR PhD in Mechanical Engineering (submitted) with knowledge of Aircraft power plant and fuel systems, Design and Manufacturing standards in aircraft industry.	Nil	32 years

Job Requirements: The selected candidate will be working in detail design, simulation and testing of aircraft power plant and fuel systems. He/she will also participate in the area of Aircraft Mechanical Systems, equipping and integration. He/she should have exposure to internal and external flow computations using CFD tools; Working knowledge of CAD packages such as CATIA and AutoCAD.

Desirable: Candidates should necessarily have First Class in ME/MTech and should also have 2 years experience in the relevant area.

6. POST CODE : CEM-206 (1 Post) (Reserved for *HH):
***Hearing Handicapped**

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/M Tech in Electrical and Communication Engineering/ Telecom/ Electrical & Electronics Engineering or related equivalent Electrical Science and Engineering discipline with specialization in Microwave Engineering/ Radar Engineering/ Electromagnetics OR PhD (Science) (submitted) in Electromagnetics/ Microwaves/ Low observable technology related topics or related relevant Electrical Science & Engineering topics.	Nil	32 years

Job Requirements: To carry out theoretical/ experimental work in any of the following areas;

- a) Radar Cross Section (RCS) studies
- b) Frequency Selective Surface (FSS) Technology
- c) High frequency techniques based on ray tracing and surface modeling
- d) Radome technology
- e) Antennas

Desirable: Candidates should necessarily have First Class in ME/MTech and relevant work experience in any of the following five areas:

- a) Radar Cross Section (RCS) studies
- b) Frequency Selective Surface (FSS) Technology
- c) High frequency techniques based on ray tracing and surface modeling
- d) Radome technology
- e) Antennas

* **Note:** The post is reserved for HH – Partially Deaf in the range of 40-74%. In case suitable candidates are not available under this category, this post will be filled by PWD candidates with Locomotor Disability in the range of 40-74%.

7. POST CODE : CSMST-207 (1 Post) (Reserved for SC):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/M Tech in Process Control and Instrumentation or Control and Automation or Electronics/Electronics & Communication Engineering with specialization in Process Control & Instrumentation.	Nil	32 years

Job Requirements: The selected candidate will be working in the area of design, development, integration, commissioning and prove out of Aerospace grade autoclaves and composite manufacturing equipment at site with focus on Instrumentation, Controls, Software and Electrical Systems.

Desirable: Candidates should necessarily have First Class in ME/MTech and also have one or two years experience in Process Control & Instrumentation, Process Control, PLC, SCADA, Control Systems, Embedded Systems, C++/OOPS.

8. POST CODE : CSMST-208 (1 Post) (Unreserved):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Sr Scientist Pay Band : ₹15600-39100 Grade Pay - ₹7600/- (PB-3)	PhD in Chemistry/ Polymer Science.	2 years experience in Polymer Synthesis and characterisation	37 years

Job Requirements: Synthesis/formulation and characterization of the Polymers related to Aerospace, processing of nano polymer composites, knowledge in handling sophisticated material characterization equipments like DSC, TGA, Rheometers, Spectro Photometers (UV, IR) and analysis.

Desirable: Candidates should necessarily have First Class in M Sc.

9. POST CODE : CTFD-209 (1 Post) (Reserved for SC):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceed ding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech/MSc (Engg) in Mechanical / Aerospace Engineering with specialization in CFD.	Nil	32 years

Job Requirements: Application of CFD for ongoing National Aerospace programmes and In-house requirements, development and upgradation of In-house CFD tools.

Desirable: Candidates should necessarily have First Class in ME/MTech and should have also done Course/Project work in Computational Aerodynamics. The candidate should have experience in advanced CFD code development and application to aerodynamic design and analysis of aerospace vehicles, knowledge of CFD algorithms, geometry modeling and grid generation, high performance computing.

10. POST CODE : EAD-210 (1 Post) (Reserved for SC):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech in Aerospace/Aeronautical Engineering with strong background in Fluid Mechanics/Aerodynamics and specialization in non- intrusive laser based measurements.	Nil	32 years

Job Requirements: To participate in the research and development activities in low speed flows as applied to aircraft aerodynamics as well as basic fluid mechanics.

Desirable: Candidates should necessarily have First Class in ME/MTech and should have knowledge of LDV, PIV and spray laden flows.

11. POST CODE: EAD-211 (1 Post) (Unreserved):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech in Aerospace/Aeronautical Engineering with specialization in High Speed Aerodynamics. OR PhD in Aerospace/ Aeronautical Engineering with strong background in Fluid Mechanics/ Aerodynamics.	Nil	32 years

Job Requirements: To participate in experimental research and development activities in high speed flows as applied to aircraft aerodynamics as well as basic fluid mechanics.

Desirable: Candidates should necessarily have First Class in ME/MTech and knowledge of shock boundary layer interaction, high speed wind tunnel design and testing.

12. POST CODE: ELK-212 (1 Post) (Reserved for OBC):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech in Electrical Engineering.	Nil	32 years

- Job Requirements:**
1. Operation and maintenance of EHV, HV, MV and LV electrical equipment;
 2. Designing of electrical circuits and systems, diagnosis of electrical faults and rectifications;
 3. Preparation of electrical estimate, costing and execution of works;
 4. Maintenance of DG sets, UPS systems and HVAC Systems;
 5. Calibration of relays and meters.

Desirable: Candidates should necessarily have First Class in ME/MTech and experience in the above field and should have managerial skill. Qualification in Electrical Power systems will be an added advantage.

13. POST CODE : FMCD-213 (1 Post) (Unreserved):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech in Computer Science.	Nil	32 years

Job Requirements: The selected candidate will be working in the area of flight simulation. The job consists of development and integration of software tools required for the generation of synthetic imagery used in flight simulators. The candidate should have hands on experience of using various computer graphics tools for carrying synthetic imagery development. The candidate should be well versed with C, C++, Matlab and FORTRAN software tools.

Desirable: Candidates should necessarily have First Class in ME/MTech and should have exposure to various simulation software tools and hardware interfaces with experience in the relevant field atleast for a minimum of one year.

14. POST CODE : FMCD-214 (1 Post) (Unreserved):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech in Aeronautical/ Aerospace Engineering or Systems and Control.	Nil	32 years

Job Requirements: The selected candidate will be working in the area of flight control laws design. The job consists of interaction with various aircraft design and test teams; Flight Control software testing at various ground based test facilities like Real Time Simulators, Iron Bird and aircraft on-ground tests. The candidate should be familiar with aircraft simulation models and should have hands on experience in flight control laws design using linear/non linear control methods. The candidate should have sufficient working knowledge in MATLAB/SIMULINK, C/C++/FORTRAN.

Desirable: Candidates should necessarily have First Class in ME/MTech and have knowledge of Flight Dynamics and Control with experience in flight control laws design atleast for a minimum of one year.

15. POST CODE: KTMD-215 (1 Post) (Reserved for OBC):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech in Mechanical/ Aerospace Engineering.	Nil	32 years

Job Requirements: Business development and marketing of CSIR-NAL technologies/ products. Dissemination of organizational knowledge/ technologies/products through exhibitions/technical reports/brochures/digital media etc. Interaction with professional bodies / industry confederation/ aerospace societies for forging collaborations.

Desirable: Candidates should necessarily have First Class in ME/MTech and have experience in overall understanding of aerospace technologies, dissemination of organizational knowledge/products/technologies through event management/ exhibitions/ reports/ technical write-ups, product/technology marketing and developing prospective customers. Having MBA in Marketing Management will be an added advantage.

16. POST CODE : MSD-216 (1Post) (Unreserved):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech in Metallurgical/ Materials Engineering OR PhD in Metallurgical/ Materials Engineering (submitted).	Nil	32 years

Job Requirements: To work as a team member and perform metallurgical failure investigation of aircraft structures, aero-engine components and systems. The investigation process involves a thorough assessment of the condition of the failed/damaged components/systems, including conformance to material, manufacturing, design and assembly specifications. Basic understanding of engineering systems and engineering drawings is essential. The position requires significant interfacing/interaction with scientists/engineers from various aerospace organizations requiring good communication skills along with the ability to generate timely presentations and reports.

Desirable: Candidates should necessarily have First Class in ME/MTech and should possess a full time (4 years) Bachelor's Degree in Metallurgical/Materials Engineering. This position requires an engineer with experience/knowledge in various material assessment techniques including optical microscopy, fractography, SEM/EDS analysis, mechanical properties evaluation and metallographic techniques. Prior work experience or research work in the area of aerospace alloy systems such as aluminium alloys, magnesium alloys, steels, titanium alloys and nickel based super-alloys is preferred.

17. POST CODE: NTAf-217 (1 Post) (Unreserved):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech in Mechanical Engineering.	Nil	32 years

Job Requirements: Operation and Maintenance of high speed wind tunnel facilities, high pressure systems and upgradation of test facilities.

Desirable: Candidates should necessarily have First Class in ME/MTech and should have knowledge in operation and Maintenance of high pressure compressors, high speed test facilities with large scale air compressors and high pressure air storage facility.

18. POST CODE: NTAf-218 (1 Post) (Reserved for OBC):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech in Mechanical Engineering.	Nil	32 years

Job Requirements: Operation and Maintenance of high speed wind tunnel facilities, high pressure systems and upgradation of test facilities.

Desirable: Candidates should necessarily have First Class in ME/MTech and should have knowledge in operation and Maintenance of high pressure compressors, high speed test facilities with large scale air compressors and high pressure air storage facility.

19. POST CODE : PR-219 (1 Post) (Unreserved):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech in Aerospace Engineering with specialization in Aerodynamics/Propulsion .	Nil	32 years

Job Requirements: To carry out R&D in the field of Turbine Design, Analysis and experimental methods for Gas Turbine Engines.

Desirable: Candidates should necessarily have First Class in ME/MTech and have 2 years relevant experience.

20. POST CODE : SED-220 (1 Post) (Unreserved):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	PhD in Physics or Materials Science (submitted) with specialization in thin film coatings for various engineering applications.	--	32 years

Job Requirements: To work on the development of thin film coatings (including sensors) for engineering, strategic and energy sectors using various physical and chemical vapor deposition processes and related thin film deposition processes.

Desirable: Candidates should necessarily have First Class in ME/MTech and experience in the area of sputtering of various advanced functional coatings (including nano-coatings) and their characterization using advanced analytical tools.

21. POST CODE : SED-221 (1 Post) (Reserved for SC)

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	PhD in Physics or Materials Science (submitted) with specialization in Sensors, Actuators and device fabrication.	--	32 years

Job Requirements: Development of magnetic field sensor for engineering and automobile applications.

Desirable: Candidates should necessarily have First Class in ME/MTech and have experience in thin film deposition using PVD/CVD/plasma techniques and device fabrication.

22. POST CODE : STTD-222 (1 Post) (Unreserved):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/MTech/MS in Aerospace/ Mechanical/Civil/ Electronics Engineering OR PhD in Aerospace/ Mechanical/Civil Engineering (submitted) with emphasis/ exposure to Structural Mechanics/ Structural Engineering.	Nil	32 years

Job Requirements: To carry out work in design, simulation or testing in the research and technology projects of the Division.

Desirable: Candidates should necessarily have First Class in ME/ MTech and also have exposure to structural analysis involving dynamics, aeroelasticity, and fatigue; structural testing including static, vibration, and fatigue; Electronics/Instrumentation involving structural testing activities.

23. POST CODE : STTD-223 (1 Post) (Reserved for OBC):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/ MTech/ MS in Aerospace/ Mechanical/ Civil Engineering OR PhD in Aerospace/ Mechanical/ Civil Engineering (Submitted) with specialisation/ exposure to Structural Mechanics/ Structural Engineering.	Nil	32 years

Job Requirements: To carry out work in design, simulation or testing in the research and technology projects of the Division.

Desirable: Candidates should necessarily have First Class in ME/MTech and also have exposure to Simulation or design of Aircraft structures/ components or Structural Dynamics (including Aero-elasticity) or testing for fatigue & fracture properties or impact and crash worthiness or Non Destructive Evaluation.

24. POST CODE : STTD-224 (1 Post) (Reserved for OBC):

Name of the post/ Pay Band/Grade Pay	Educational Qualification	Experience Required	Age limit not exceeding
Scientist Pay Band : ₹15600-39100 Grade Pay - ₹6600/- (PB-3)	ME/ MTech/ MS in Aerospace/ Mechanical/ Civil Engineering OR PhD in Aerospace/ Mechanical/ Civil Engineering (Submitted) with specialisation/ exposure to Structural Mechanics/ Structural Engineering.	Nil	32 years

Job Requirements: To carry out work in design, simulation or testing in the research and technology projects of the Division.

Desirable: Candidates should necessarily have First Class in ME/MTech and also have exposure to Simulation or design of Aircraft structures/ components or Structural Dynamics (including Aero-elasticity) or testing for fatigue & fracture properties or impact and crash worthiness or Non Destructive Evaluation.

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 upon the availability in which case HRA will not be admissible. Gross emoluments for (i) Senior Scientists will be ₹86,484/- p.m. and for (ii) Scientists it will be ₹75,362/- **(Inclusive of 2 additional increments without DA).**
2. Scientists in Pay Band – 3 are also eligible for Professional Update Allowance of ₹10,000/- per annum.
3. Exceptionally meritorious and deserving candidates may be considered for higher initial pay by the Competent Authority as per CSIR Rules.
4. In addition to the emoluments indicated against each category of posts, benefits such as reimbursement of Medical Expenses, Leave Travel Concession, Conveyance Advance and House Building Advance are available as per Rules of CSIR.
5. All Scientists are entitled for Career Advancement on the basis of Flexible Complementary Scheme of CSIR.
6. 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, Candidates selected from other Government Departments / Autonomous Bodies / Public Sector Undertakings / Central Universities and are governed by the GOI CCS(Pension) Rules 1972, will continue the existing Pension Scheme, provided they have applied through proper channel or NOC issued from their parent organization.
7. Scientists in CSIR-NAL are also permitted to undertake consultancy and sponsored R & D Project activity. These activities give them scope to earn consultancy fee and honorarium as per CSIR guidelines governing these activities. Opportunities are also available for foreign deputations for training/presentations of papers/specific assignments etc.

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. 16 April 2017.**
2. The upper age limit is relaxable upto 05 years for SC/ST and 03 years for OBC as per Government of India orders in force only in those cases where the posts are reserved for respective categories, on production of relevant certificate in the prescribed format signed by the specified authority.

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 Jammu and Kashmir State during the period 1-1-1980 to 31-12-1989 subject to production of a certificate from the District Magistrate in the J&K 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 Jammu and Kashmir State during the period from 1-1-1980 to 31-12-1989.
5. For Widows, Divorced Women and women judicially separated from husbands, the upper age limit is relaxable as per GOI provisions.
 - i) In case of widow, Death Certificate of her husband together with the Affidavit that she has not remarried since.
 - ii) In case of divorced women and women judicially separated from their husbands, a certified copy of the judgment/decreed of the appropriate Court to prove the fact of the divorce or the judicial separation, as the case may be, with an Affidavit in respect of divorced women and they have not remarried since.
6. Age relaxation to Physically Handicapped (PH) Persons: Age relaxation of 10 years is allowed (total 15 years for SCs, STs and 13 years for OBCs in respect of the posts reserved for them) to blind, deaf-mute and orthopedically handicapped persons for appointment to Group 'A' posts/services. The persons claiming age relaxation under this sub-para would be required to produce a certificate in prescribed proforma in support of their claims clearly indicating that the degree of physical disability is between 40 - 74%. In any case, the appointment of these candidates will be subject to their being found medically fit in accordance with the standards of medical fitness as prescribed by the Government for each individual Group 'A' posts to be filled by Direct Recruitment by selection.
7. Marginal relaxation in age limit and/or experience may be allowed in the case of exceptionally meritorious candidates at the discretion of the Competent Authority.

III. GENERAL CONDITIONS:

1. These positions are open only to Indian Nationals/Overseas citizens of India.
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.
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, Women and regular employees of CSIR are exempted from payment of application fee) in the form of Demand Draft valid for a period of 3 months from the date submission application online. **Demand Draft should be drawn in the name of Director, CSIR-NAL and payable in Bengaluru.**

4. Candidates applying for more than one post should submit separate Online Application form for each post indicating the Category and Post Code along with prescribed application fee and copies of all marks cards, certificates and testimonials separately for each post.
5. The period of experience in a discipline/area of work, where prescribed, shall be counted with effect from the date of acquiring the prescribed minimum educational qualifications for the post.
6. 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.
7. 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.
8. Application from the candidates working in CSIR, Govt. Departments and Public Sector Undertakings will be considered only if forwarded through proper channel within 15 days from the closing date prescribed for receipt of online applications and with a clear certificate that the applicant will be relieved within one month of receipt of appointment order, if selected. **However, Advance copy (Xerox copy) of the Online Electronics Application Form together with application fee, all certificates & testimonials etc. must be submitted before the closing date.**
9. Persons with Disabilities (PWD) fulfilling the eligibility conditions prescribed under Gol instructions are encouraged to apply.
10. In case a shortlisted candidate is staying abroad, his/her candidature maybe considered in absentia by the Selection Committee on his/her written request.
11. The application once made will not be allowed to be withdrawn and fees once paid will not be refunded on any count nor can it be held in reserve for any other recruitment or selection process.
12. Incomplete applications (ie., without photograph, unsigned or without application fee, applicable testimonials etc) will not be entertained and will be summarily rejected.
13. Candidates should specifically note that the applications received after the closing date for any reason whatsoever (such as envelopes wrongly addressed, delivered elsewhere, postal delay etc.) will not be entertained by this Laboratory. Any enclosure received separately subsequent to the receipt of the application cannot be connected therewith. No correspondence in this regard will be entertained.
14. Printout of Online Electronics Application Form not accompanied with (i) photograph of the applicant; (ii) prescribed application fee; (iii) requisite information asked for in the Online Electronics Application form; (iv) Xerox copies of Marks Card / Certificates for all the semesters/years from degree level onwards; (v) Proof regarding date of birth & age; and (vi) applications received after the closing date will not be considered. Incomplete applications will be outrightly rejected.
15. Mere fulfilling of minimum prescribed qualifications and experience will not vest any right in a candidate for being called for Test/Interview.

16. In the event of number of applications being large, Screening Committee CSIR-NAL will adopt its own shortlisting criteria to restrict the number of candidates to be called for interview to a reasonable number by any or more of the following methods:
- i. On the basis of higher educational qualifications than the minimum prescribed in the advertisement.
 - ii. On the basis of higher experience in the relevant field than the minimum prescribed in the advertisement.
 - iii. By holding a written test.
 - iv. Any other methodology as deemed fit by the Screening Committee.

The Laboratory reserves the right to call for Test/Interview only those candidates who in its opinion are likely to be suitable and will not entertain any correspondence in this regard.

17. Only outstation candidates (within India) called for Interview 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 Bengaluru 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) and provided that the distance covered by road is more than 20 kms each way.
18. CSIR-NAL reserves the right not to fill up a particular post or all the posts, if it so desires. The number of vacancies indicated above may vary at the time of actual selection.
19. 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.
20. The selected candidates will not be permitted to apply for appointment elsewhere or in CSIR-NAL 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.
21. The print out copy of Online Application Registration Form duly signed together with recent passport size photograph, Application fee, copies of Matriculation / SSLC / Degree / Post Graduate Degree / Ph.D / Provisional Degree Certificate(s) and Marks Cards for all the Semesters / Years and other testimonials in support of Date of Birth, Qualifications, Experience etc. should be sent in a sealed cover superscribing **“Application for the post of Scientist / Senior Scientist, Post Code No. _____, Advt.No.2/2017” ON OR BEFORE 16 APRIL 2017 addressed to:**

**The Controller of Administration
CSIR National Aerospace laboratories
Post No.1779, HAL Airport Road, Kodihalli**

Bengaluru – 560 017 (Karnataka).

22. As the Screening/Shortlisting of applications will be done on the basis of information furnished through 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.
23. The decision of CSIR-NAL in all matters relating to eligibility, acceptance or rejection of applications, mode of selection, conduct of examination/interview will be final and binding on the candidates and no enquiry or correspondence will be entertained in this connection from any individual or agency on behalf of the candidate.
24. Canvassing in any form and/or bringing in any influence political or otherwise will be treated as a disqualification for the post.

INTERIM ENQUIRIES WILL NOT BE ENTERTAINED.

