Government of India
National Technical Research Organisation
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NTRO Aviator-II and Technical Assistant Examination -2022

Start date of online Application/Registration:31.12.2022 (10:00 AM)
Closing date of online Application/Registration:21.01.2023 (05:00 PM)

The National Institute of Electronics & Information Technology (NIELIT) invites ONLINE applications, on behalf of the National Technical Research Organisation (NTRO),from Indian Nationals for direct recruitment to the post of Aviator-II and Technical Assistant in NTRO, anOrganisation under the Government of India.

2. The detailed description of the posts, number of vacancies, eligibility criteria, permissible age relaxation beyond the upper age limit and service conditions are given below: -

(A). DESCRIPTION OF POST:

Name of the Post	Classification	Pay Scale as per VII CPC
Aviator-II	General Central Civil Service, Group'A' (Gazetted, Non-Ministerial)	Level-10 of the Pay Matrix (Rs.56,100 -1,77,500)
Technical Assistant	General Central Civil Service, Group'B' (Non-Gazetted, Non-Ministerial)	Level-7 of the Pay Matrix (Rs.44,900 -1,42,400)
Allowances & other benefits: Dearness Allowance, House Rent Allowance, Transport Allowance, Special Security Allowance, Children Educational Allowance, Leave Travel Concession, Medical facilities, Central Government Employees Group Insurance Scheme, etc. as admissible to the Central Government employees.		

(B) NUMBER OF VACANCIES:

(i) Aviator-II (Level-10 of the Pay Matrix):

Subject/Field	Vacancies*					
	UR	EWS	SC	ST	OBC	Total
Aviation Technology	11	02	03	01	05	22

(ii) Technical Assistant (Level-7 of the Pay Matrix):

Subject/Field	Vacancies*					
	UR	EWS	SC	ST	OBC	Total
Computer Science& Information Technology	34	08	12	05	22	81**
Electronics & Communication	33	08	11	05	22	79***
Grand Total :	67	16	23	10	44	**160**

* The number of vacancies are provisional and subject to change.In case candidates are not available for selection to fill up the reserved category vacancies of Technical Assistant in a particular subject/field, such vacancies shall be filled by candidates belonging to same reserved category in the other subject/field, if available.
**Including 03 vacancies reserved for PWD (02-OL, 01-HH) category.
*** Including 03 vacancies reserved for PWD (01-OL, 02-HH) category.

(C) ELIGIBILITY CRITERIA:

(i) For the post of Aviator-II:

Essential Qualification	**Subject/Field: For Aviation Technology** Bachelor's Degree in Engineering / Technology from a recognized University / Institute inElectronics / Communication / Electronics & Communication(Avionics) /Telecommunication / Applied Electronics & Instrumentation / Electrical & Electronics / Electronics (Microwave) / Power Electronics / Applied Electronics / Instrumentation & Control / Computer Science / Computers / Information Technology / Aeronautical Engineering/ Aircraft Maintenance Engineering / Mechanical Engineering / Mechanical Engineering and Automation/ Instrumentation/ Applied Electronics & Instrumentation / Mechatronics / Combination of two or more of above fields/ Passed Section-A & B Examination conducted by the Institute of Engineers (India), Kolkata in any of the above branch of Engineering; **OR** Master's Degree in Science in Electronics & Communication / Electronics / Applied Electronics / Power Electronics/ Mathematics / Applied Mathematics / Mathematics & Computing / Informatics/ Physics/ Applied Physics from a recognized University / Institute. **Desirable:** (i) National Cadet Crops (NCC) 'C' certificate of Air Wing. (ii) Qualification in the field of Aviation Operations/ Aero-modelling/ GIS related subjects/similar or related areas.
Age Limit	Not exceeding 35 years. (Relaxable for Government servants up to 5 years in accordance with instructions or orders by the Central Government)
Physical Medical Standards	(i) Height: 155 cms (Male) 150 cms (Female) Weight: Proportionate with height (ii) Eye sight 6/6 and 6/9 without glasses; (iii) No disorder of cognitive function; (iv) No orthopedic disability of lower limb, wrist and hand; and (v) No spinal disability. (vi) No Color Vision Deficiency.

(ii) For the post of Technical Assistant:

Essential Qualification	**Subject/Field: For Computer Science& Information Technology** Bachelor's Degree in Engineering / Technology from a recognized University / Institutein Computer Science / Computers / Information Technology / Data Science / Artificial Intelligence / Machine Learning / Information Science / Big Data Analytics / Software Engineering / Geo-Informatics /Cyber Security / Geomatics/ Geospatial Information System (GIS)/Information Security / Mechanical/ Remote Sensing/Deep Learning / Robotics Engineering/Combination of two or more of above fields / Passed Section-A & B

	Examination conducted by the Institute of Engineers (India), Kolkata in any of the above branch of Engineering; **OR** Master's Degree in Computer Application / Statistics / Mathematics from a recognized University / Institute; **OR** Master's Degree in ScienceinComputer Science / Software Engineering / Software Systems / Computer Technology / Data Science / Big Data Analytics / Artificial Intelligence / Machine Learning / Information Technology / Cyber Security / Information Science / Data Science & Spatial Analytics / Geo-Informatics/ Mathematics / Applied Mathematics/ Cyber Law and Information Security/ Geomatics/ Geospatial Information System (GIS)/ Mathematics & Computing / Informatics/ Physics/ Applied Physics/ Remote Sensing/Statisticsfrom a recognized University / Institute. **Subject/Field: <u>For Electronics & Communication</u>** Bachelor's Degree in Engineering / Technology from a recognized University / Institute inElectronics / Communication / Electronics & Communication(Avionics) / Telecommunication / Applied Electronics & Instrumentation / Electronics & Computer / Electrical & Electronics / Electronics (Microwave) / Power Electronics / Applied Electronics / Electronics Instrument & Control / Instrumentation & Control Mechatronics/Electrical/ Electrical and Computer Engineering/ Electronics and Instrumentation/ Combination of two or more of above fields / Passed Section-A & B Examination conducted by the Institute of Engineers (India), Kolkata in any of the above branch of Engineering; **OR** Master's Degree in Computer Application / Statistics / Mathematics from a recognized University / Institute; **OR** Master's Degree in Science in Electronics / Electronics & Communications/ Applied Electronics/ Power Electronics/ Mathematics / Applied Mathematics / Mathematics & Computing / Informatics/ Networking/ Physics/ Applied Physics from a recognized University / Institute.
Age Limit	Not exceeding 30 years. (Relaxable for Government servants up to 5 years in accordance with instructions or orders by the Central Government)
Physical Medical Standards (other than PwD category)	(i) No Color Vision Deficiency (ii) Medical Standard of the candidates would be as per the Central Government guidelines applicable to Group 'B' posts.

Note: Candidates possessing Integrated post-graduation degree in Engineering/Technology/Science from recognized University/Institute in the prescribed subject/field can also apply. They shouldchoose such relevant subject/field against Essential Qualification during ONLINE application/registration.

(D) SERVICE CONDITIONS: The candidates appointed as Aviator-II or Technical Assistant are liable to serve throughout the territory of India. Further, the Technical Assistants shall be liable to field service, including service on sea platform, in respect of such work as may be approved by the organization in public interest.

(E) AGE RELAXATION: Upper age limit is relaxable for Scheduled Caste(SC), Scheduled Tribe (ST), Other Backward Class(OBC), Person with Disability(PWD) and other special category candidates as per the instructions issued by the Central Government in this regard for appointment to the post under Government of India. The category wise age relaxation will be as per Government rules in force, as amended from time to time.The age relaxation for reserved category applicants is admissible only in the case of vacancies reserved for such categories. Applicants shall check their eligibility for seeking relaxation in upper age limit carefully. In case of claiming wrong age relaxation by the applicant during online application/registration, age relaxation allowed at the application/registration stage shall bewithdrawn and his/her application will be rejected on account of not falling under the age limit prescribed for the particular post/category.

3. The desirous applicants are requested to go through the complete advertisement carefully and satisfy themselves about their suitability before filling up the application form ONLINE. Candidates fulfilling eligibility criteria of the posts are required to apply ONLINE by visiting thewebsite**https://recruit-ndl.nielit.gov.in**(link of which is also available at **https://ntro.gov.in** website). The applications submitted through any other mode will not be accepted.Candidature of applicants shall be purely PROVISIONALat all stages of the recruitment process, subject to his/her satisfying the prescribed eligibility conditions. If on verification at any time before or after examination/selection, it is found that the candidate does not fulfill any of the eligibility criteria, his/her candidature for the said examination shall be cancelled/rejected at any stage of the recruitment process without any notice and liable for termination from service, if appointed.

4. **IMPORTANT DATES:**The date (s) for start of Online Application/Registration **31.12.2022 (10.00 AM)**and the link would be active up to **21.01.2023 (05.00 PM)**. The tentative date for the Stage-I (Written Examination)is **05.03.2023 (Sunday).Any change in the above schedule will be notified to candidates only through the above mentioned websites**.

NOTE: The Schedule of Stage-II (Interview) for the shortlisted candidates will be notified in due course.

5. How to Apply:

(i) Before applying, Candidates are advised to go through this advertisement carefully in detail for determining their eligibility as per laid down criteria for the post.

(ii) In case of applying for the post of Technical Assistant, a candidate can apply only ONE subject/field i.e. either **"Computer Science & Information Technology"** or **"Electronics & Communication"**.

(iii) The admission at all the stages of the examination will be purely provisional subject to satisfying the prescribed eligibility conditions.

(iv) Candidates can **apply ONLINE** by visiting **https://recruit-ndl.nielit.gov.in** website (link of which is also available at **https://ntro.gov.in** website). No other means/mode of application will be accepted. Candidates are required to furnish valid "e-mail ID" and active "mobile number" during the ONLINE application/registration. The procedure/steps for filling up of applications online is available at https://recruit-ndl.nielit.gov.in.

(v) The application shall be treated complete only if all the mandatory steps are completed successfully. In case candidate is not able to submit fee by closing date and time, or the application is otherwise incomplete, his/her candidature will summarily be rejected.

(vi) Applicant can view the Application details from the View/Print Application menu option available in their login. **Applicant is required to make sure that his/herONLINE application form is submitted successfully otherwise his/her application form will be treated as incomplete and summarily rejected**.

(vii) **Application Fees (Non-refundable):**The applicants shall pay the applications fee for each post as indicated below through online payment mode via applications software only:

Category	
SC/ST/PWD/Women Candidates	General and all others
Rs. Nil per application	Rs.500/- per application

The processing charges towards remittance of Application Fee and service tax, if any, will have to be borne by the candidate. Fee through any other mode like Demand Draft, Pay Order, Cheque or Challan will not be accepted.

6. **SCHEME OF EXAMINATION**:The assessment of the candidates will be made on the basis of performance in two stages. First Stage is Written Examination (OMR Based)consisting of Objective/Multiple Choice Questions and Second Stage is Interview as per the details given below: -

STAGE-I : Written Examination (OMR Based)			
Name of the Post	**No of Questions / Nature of Paper**	**Maximum Marks**	**Duration / Shift**
Technical Assistant	100 Questions (80 Questions – 'Computer Science & IT' or 'Electronics & Communication' & 20 Questions - Mental Ability & Reasoning)	200 (2 marks for each question)	Two and half hours (150 Minutes) (Morning Shift)
Aviator-II	100 Questions (80 Questions - Aviation Technology & 20 Questions - Mental Ability & Reasoning)	200 (2 marks for each question)	Two and half hours (150 Minutes) (Afternoon Shift)
Note-1: There will be negative marking of 0.5 mark for each wrong answer and 00 (zero) mark for the question not attempted. **Note-2:** Stage-I (Written Examination) for both the posts will be conducted on same day as per the shift mentioned above. **Note-3:**Broad topics for the written examination is available at **https://recruit-ndl.nielit.gov.in** website (link of which is also available at **https://ntro.gov.in** website).			

STAGE-II : Interview	
Aviator-II : 50 Marks	Technical Assistant : 50 Marks
Note-1: The candidates who are shortlisted on the basis of their performance in Stage-I shall only be called for Stage-II. The Interview will be conducted at New Delhi only. **Note-2:**Weightage will be given to the candidates possessing related/relevant experience.	

7. **SELECTION PROCEDURES:**

(i) Minimum qualifying marks in Stage-I (Written Examination) shall be 40% for UR, 35% for OBC/EWS and 30% for other categories.

(ii) The candidates, who are shortlisted on the basis of their merit position in Stage-I (Written Examination) and reservation policy, shall only be called for Stage-II (Interview)in the ratio of 1:3 (No of vacancies: No of candidates).

(iii) Out of maximum 50 marks for Stage-II (Interview), minimum qualifying marks will be 40% marks for unreserved category and 30% marks for reserved category candidates.

(iv) Final selection to the post shall besubject to fulfillment of any specific requirements of physical/ medical/ educational standard etc for such post. Candidates should note that for the purpose of Medical Fitness, 'Color Vision Deficiency' is considered as one of the reasons for being 'UNFIT' for appointment to any of these posts. Besides the candidates may also note that the post of Aviator-II has specific requirement of Physical Medical Standards. Hence while applying for the post of Aviator-II, candidates must ensure that they fulfill all the requirements of the said post.Further, measurement of physical standards and medical tests of the candidate(s)empaneled for selection to the post of Aviator-IIshall be carried out, in order of their merit, as required.

(v) Success in the examination confers no right of appointment unless Government is satisfied after such enquiry/verification, as may be considered necessary, that the candidate is suitable in all respects for appointment to the service/post.

(vi) The information furnished by the candidates during online application/registration will be verified with reference to their original documents subsequently.During such verification of documents, if any information furnished by the candidate at the time of online application/registration is found wrong/suppressed, his/her candidature will be cancelled/rejected forthwith. No appeal or representation against such cancellation/rejection of candidature will be entertained. The candidates must ensure that they have furnished correct information during the online application/registration.

(vii) The candidates will be arranged in order of merit, in each category,based on total marks *i.e,*their combined performance in Stage-I (Written Examination) and in Stage-II (Interview) for the respective post.In the event of tie in total marks of candidates, the order of their merit will be decided by applying following criteria, one after another in the given order, till the tie is resolved: -

(a) Marks in Stage-I.

(b) Date of birth, with older candidate to be placed higher.

(c) Alphabetical order in which the names of the candidates appear.

(viii) Appropriate method of normalization, if required, shall be adopted for maintenance of common merit list amongst the selected candidates for the post of Technical Assistant.

(ix) In case of non-availability of sufficient number of candidates for selection to fill up the reserved vacancies of Technical Assistant in a particular subject/field,such vacancies shall be filledby candidates belonging to same reserved category in the other subject/field, if available.

(x) Mere selection will not entitle the candidate for appointment unless he/she is declared medically FIT to join the post.

8. **CENTRE OF EXAMINATION:**The Stage-I (Written Examination)is tentatively scheduled to be conducted at the following cities. The candidate has to choose any two differentcities in order of his/her preference. Efforts though will be made to accommodate the candidate's choice of preference, however, the NIELIT reserves the right toadd/delete/change any of the following citiesdepending upon the number ofapplicants, availability of the examination centresin a city and administrative requirement, etc. No request for change of city or examination centreor date of examination shall be entertained: -

SlNo.	Examination City(State)	SlNo.	Examination City(State)
1	Guwahati (Assam)	12	Bangalore (Karnataka)
2	Patna (Bihar)	13	Bhopal (Madhya Pradesh)
3	Chandigarh (Punjab)	14	Mumbai (Maharashtra)
4	Raipur (Chhattisgarh)	15	Bhubaneswar (Odisha)
5	New Delhi (Delhi)	16	Jaipur (Rajasthan)
6	Ahmedabad (Gujarat)	17	Gangtok (Sikkim)
7	Kurukshetra (Haryana)	18	Chennai (Tamil Nadu)
8	Shimla (Himachal Pradesh)	19	Hyderabad (Telangana)
9	Jammu (Jammu And Kashmir)	20	Lucknow (Uttar Pradesh)
10	Srinagar (Jammu And Kashmir)	21	Dehradun (Uttarakhand)
11	Ranchi (Jharkhand)	22	Kolkata (West Bengal)

9. **IMPORTANT INSTRUCTIONS/ INFORMATION**:

(i) The requisite information relating to this examination will be available on the above-mentioned website(s) from time to time. The candidates are advised to visit the said website(s) frequently for the latest information/updates, if any, about this recruitment process. Candidates are also advised to fill their correct and active "e-mail ID" and "mobile number" during the online application/registration.

(ii) The crucial date for determining the age limit, essential qualification, certificates/testimonials, caste, category, etc., shall be the closing date of online application/registration for this examination, which will remain unchanged even in the case of extension of the closing date of online application/registration.

(iii) The date of birth as well as the name of the applicant will invariably be taken from the Matriculation/10thcertificate issued by a recognised board. No other proof of date of birth shall be accepted.

(iv) Certificates in support of qualifications, caste etc must have been obtained on or before the closing date.

(v) Essential Qualification obtained through Open Universities/Distance education mode that are approved by DEC and wherever necessary, by AICTE, are recognized for the purpose of employment under Central Government vide Ministry of Human Resource Development Notification No. 44, dated 01.03.1995 published in the Gazette of India dated 08.04.1995 for the relevant period when the candidate acquired the relevant essential qualification.

(vi) Candidates must ensure before applying for the post that he/she is eligible for the post in terms of age, qualification, physical/medical standards etc. as laid down in this advertisement. If the information furnished by the candidate at the time of applying for the post is found to be incorrect at a later date, the candidate himself/herself will be solely responsible and his/her candidature/service is liable to be terminated at any stage during his/her service.

(vii) Candidates may fill up their respective categoryin the application form carefully. It ismade clear that category once mentioned in the form shall **NOT** be changed in any circumstances.The candidate will have

to produce the certificates issued by the Competent Authorityin support of his/her claim at the time of verification of documents.

(viii) The candidates are advised to keep the soft copy of the following documents ready (confirming with size of digital file mentioned against each) before starting ONLINE application/registration since these are required to be uploaded to successfully complete their registration without any hassle: -

(a) Recent passport size colour Photograph (clear **jpg/ jpeg** file with size of minimum **50KB** and maximum **150KB**).

(b) Scanned signature (clear & legible **jpg/ jpeg** file with size of minimum **20KB** and maximum **50KB**).

(c) Matriculation/10thCertificate (clear & legible **pdf** file with size of minimum **120KB** and maximum **300KB**).

(d) Original Certificate of Essential Qualification(In case the Original Certificate is yet to be issued by the University/Institute, the Provisional Pass Certificate of Essential Qualification) (clear & legible**pdf** file with size of minimum **120 KB**& maximum **1000 KB**).

(e) SC/ST/OBC Certificate(clear & legible**pdf** file with size of minimum **120 KB**& maximum **300 KB**), if applicable. The specimen formats are available in the above mentioned websites.

(f) Income & Assessment Certificate to be produced by Economically Weaker Sections (EWS) (clear& legible**pdf** file with size of minimum **120 KB**& maximum **300KB**), if applicable.The specimen formats are available in the above mentioned websites.

(g) Central Government Civilian Employees - Certificate & Declaration by the applicant (clear& legible**pdf** file of both together should be minimum **120 KB**& maximum **300KB**), if applicable.The specimen formats are available in the above mentioned websites.

(h) Disability Certificate (clear& legible**pdf** file with size of minimum **120 KB**& maximum **300KB**), if applicable.The specimen formats are available in the above mentioned websites.

(i) Govt. issued Photo Identity Card i.e.Aadhar Card/ PAN card/ Passport/ Driving License/ Voter ID (clear& legible**pdf** file with size of minimum **120 KB**& maximum **300 KB**).

(ix) After submitting the ONLINE application form, the candidate should take printout of application form having application number and other details. This application number should be referred in future correspondence.

(x) **No request for change in particulars furnished in the ONLINE application/registration form shall be entertained/ permitted and the particulars provided by the applicant during the online application/registration will be taken as final.**

(xi) Candidates claiming benefit of OBC Category should ensure that they belong to OBC Category as per the notification of the Central Government meant for appointment to the posts under theGovernment of India (and not as per the notification of the State Government)and also theyDO NOT belong to the creamy layer. The candidate will have to produce the OBC certificate in the proformaavailable in the above mentioned websites. The certificate in anyother proformawill not be accepted.

(xii) Candidates already in Government service or working with PSUs/Autonomous Bodies should inform their Employer or obtain necessary permission, as the case may be, before applying for the said post. No Objection Certificate (NOC) from the Employer is required to be furnished at the time of Interview.

(xiii) Consequent upon final selection, only the Roll Number/Registration Number of the selected candidates will be made available in the said website(s). However, no other details of the selection process will be available for general information. The candidates, who are empaneled for appointment after selection, will be intimated through e-mail / Speed Post for processing pre-appointment formalities viz. Medical Examination, Character & Antecedents Verification, etc.

(xiv) No TA/DA shall be paid to the candidates for appearing in the Written Examination and/or Interview.

(xv) For any technical problem related to online submission of application form/ downloading of admit card, the candidates are advised to contact the help/support option available in their login.

10. **CANVASSING:** Canvassing in any form will disqualify the applicant.