



**GOVERNMENT OF INDIA, DEPARTMENT OF SPACE
INDIAN SPACE RESEARCH ORGANISATION
U R RAO SATELLITE CENTRE &
ISRO TELEMETRY TRACKING AND COMMAND NETWORK
BENGALURU**



विज्ञा.स.यू.आर.एस.सी. Advt. No.URSC:ISTRAC:01:2024

February 10, 2024

RECRUITMENT OF SCIENTIST / ENGINEER - 'SC' / TECHNICAL ASSISTANT / SCIENTIFIC ASSISTANT / LIBRARY ASSISTANT / TECHNICIAN - 'B' / DRAUGHTSMAN - 'B' / COOK / FIREMAN - 'A' / HEAVY VEHICLE DRIVER - 'A' / LIGHT VEHICLE DRIVER - 'A'

THE RESPONSIBILITY TO ENSURE THE FULFILLMENT OF ELIGIBILITY CRITERIA AND REQUIREMENTS DETAILED IN THIS ADVERTISEMENT RESTS WITH THE APPLICANT. APPLICANTS ARE THEREFORE ADVISED TO CAREFULLY READ THE FULL ADVERTISEMENT BEFORE PROCEEDING FOR ONLINE APPLICATION.

CANDIDATES ARE ADVISED NOT TO TAKE COGNIZANCE OF FAKE OFFER OF APPOINTMENT FOR JOBS IN ISRO

U R Rao Satellite Centre (URSC) situated in Bengaluru of Karnataka State is the lead centre of ISRO for satellite technology. URSC is in the forefront of spacecraft technology towards conceptualization, design, development, fabrication, testing, launch and in-orbit management of spacecraft. As a sequel to its mandate of spacecraft development, the centre is engaged in development of cutting edge technologies of relevance to its activities and infrastructures set-up for design, development, fabrication and testing of spacecraft. Over a period of four decades, URSC has successfully established Indian National Satellite (INSAT) system, which is one of the largest domestic communication satellite systems in Asia-Pacific region and Indian Remote Sensing (IRS) system which is one of the largest constellations of earth observation satellites in operation. NAVigation with Indian Constellation (NAVIC) an independent Indian Satellite based regional positioning system with a constellation of seven satellites for critical national applications will be operational shortly. The Space science missions like Chandrayaan-1, Mars Orbiter Mission, Chandrayaan-3, Aditya-L1 and Astrosat have received World Wide acclaim and put India in the global map while at the same time inspiring the Gen next. The future missions being undertaken by URSC is highly challenging and provide opportunity to undertake development of innovative technologies and establish the advanced infrastructure needed for space exploration and beyond.

ISRO Telemetry Tracking And Command Network (ISTRAC) is the premier ground segment solution provider for ISRO's satellite and launch vehicle missions. As a part of this, ISTRAC has established Spacecraft Control Centres, TTC Ground Station Networks, Deep Space Network, Ground Segment for Navigation mission, which includes a precise timing facility, Space Science Data Centre among other things. In addition, ISTRAC performs a host of other activities including development of Radars, Search and Rescue Operations and hub services for Satellite Communication Networks. ISTRAC also provides TTC support for missions of other space agencies. Towards, these objectives, ISTRAC has established a network of ground stations at Bengaluru, Lucknow, Mauritius, Sriharikota, Port Blair, Thiruvananthapuram, Brunei, Biak (Indonesia) and the Deep Space Network Stations. It has also commissioned/ is commissioning several state-of-the-art facilities to carry out its various activities.

2. U R Rao Satellite Centre (URSC), and ISRO Telemetry Tracking and Command Network Bengaluru, invites on-line applications for the following posts, the posts are temporary, but likely to continue:

Post Code.	Discipline/ Field	No. of posts	Unreserved/ Reserved for	Essential Minimum Qualification & Experience	Area of Work / Job Specification	Mode of Selection
SCIENTIST / ENGINEER – 'SC'						
001	Mechatronics	02	UR	M.E / M. Tech or equivalent in Mechatronics with an aggregate minimum of 60% or CGPA / CPI grading of 6.5 on a 10 point scale with pre eligibility of B.E / B.Tech or equivalent	Design and Instrumentation of Electro-mechanical systems such as motors, resolvers, encoders, potentiometers, etc. Development of test / measurement/characterization systems for electro-mechanical systems.	Written Test / Computer Based Test and Interview (Curriculum Based)

				qualification in Mechanical Engineering with an aggregate minimum of 65% (average of all semesters) or CGPA / CPI grading of 6.84 on a 10 point scale		
002	Material Science	01	UR	M.E / M. Tech / M. Sc (Engg.) or equivalent post graduate degree in Materials Engineering / Material Science / Metallurgical Engineering / Metallurgical & Materials Engineering / Polymer Science & Technology specialization in 1st class with an aggregate minimum of 60% or CGPA / CPI grading of 6.5 on a 10 point scale or equivalent. With pre-eligibility of B.E / B.Tech / B.Sc (Engg.) or equivalent qualification in Chemical Engineering / Mechanical Engineering with an aggregate minimum of 65% (average of all semesters) or CGPA / CPI grading of 6.84 on a 10 point scale or M.Sc or equivalent qualification in Chemistry / Physics / Applied Chemistry / Applied Physics with an aggregate minimum of 65% (average of all semesters) or CGPA / CPI grading of 6.84 on a 10 point scale.	R&D in Surface Engineering (Thermal control coatings / painting) area process qualification, scale-up, Infrastructure design and realization, In-house Production planning and implementation, Vendor evaluation and development	Written Test / Computer Based Test and Interview (Curriculum Based)
003	Mathematics	01	UR	M.Sc or equivalent post graduate degree in Mathematics / Applied Mathematics with an aggregate minimum of 65% or CGPA / CPI grading of 6.84 on a 10 point scale with pre-eligibility qualification of B.Sc or equivalent with 1st Class.	Space Flight dynamics, software development, modelling and analysis	
004	Physics	01	UR	M.Sc or equivalent post graduate degree in Physics / Applied Physics with an aggregate minimum of 65% or CGPA / CPI grading of 6.84 on a 10 point scale with pre-eligibility qualification of B.Sc with 1st Class. with pre-eligibility qualification of B.Sc with 1st Class or equivalent.	Spacecraft Mission planning and operation, software development, simulation & modelling	

Post Code.	Discipline/ Field	No. of Vacancy (ies)	Unreserved/ Reserved for	Essential minimum qualification & Experience	Mode of Selection
TECHNICIAN-B					
005	Electronics Mechanic / Technician Power Electronic Systems / Mechanic Consumer Electronic Appliances / Mechanic Industrial Electronics	63 (44+02+17)	(UR-28, OBC-16, SC-09, ST-05, EWS-05) (Out of 63 Vacancies, 05-UR, 05-OBC, 03-SC, 03-ST and 01-EWS Vacancies are identified for ISTRAC, Bengaluru). (Out of 63 Vacancies, 02-UR Vacancies are identified for MCF, Hassan out of which 01 vacancy is reserved for PwBD-OL). (Out of 44 URSC vacancies, 02 vacancies are reserved for PwBD (VH) which includes one Backlog vacancy and 01 vacancy is reserved for PwBD HH)).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Electronics Mechanic / Technician Power Electronic Systems / Mechanic Consumer Electronic Appliances / Mechanic Industrial Electronics trade from NCVT.	Written Test / Computer Based Test and Skill Test (Curriculum based)
006	Electrical / Electrician	13 (07+04+02)	(UR-05, OBC-03, SC-03, EWS-02) (Out of 13 Vacancies, 02-UR, 01-OBC and 01-SC Vacancies are identified for MCF, Hassan). (Out of 13 Vacancies, 01-UR and 01-SC Vacancies are identified for ISTRAC, Bengaluru). (Out of 07 URSC vacancies, 01 backlog vacancy is reserved for PwBD (Autism))	SSLC/SSC/Matriculation + ITI/NTC/NAC in Electrical / Electrician trade from NCVT.	
007	Photography / Digital Photography	05	(UR-01, OBC-01, SC-01, ST-01, EWS-01) (Out of 05 URSC vacancies, 01 vacancy is reserved for PwBD (Autism))	SSLC/SSC/Matriculation + ITI/NTC/NAC in Photography/ Digital Photography trade from NCVT.	
008	Fitter	17 (15 + 02)	(UR-06, OBC-07, SC-02, ST-01, EWS-01) (Out of 17 Vacancies, 01-UR and 01-OBC Vacancies are identified for ISTRAC, Bengaluru).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Fitter trade from NCVT.	
009	Plumber	03 (02+01)	(UR-03) (Out of 03 Vacancies, 01-UR vacancy is identified for ISTRAC, Bengaluru).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Plumber trade from NCVT.	
010	Refrigeration and Air - Conditioning (R&A/C)	11 (09+01+01)	(UR-05, OBC-04, SC-01, EWS-01) (Out of 11 Vacancies, 01-UR vacancy is identified for ISTRAC, Bengaluru). (Out of 11 Vacancies, 01-UR vacancy is identified for ISRO Headquarters).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Refrigeration and Air - Conditioning (R&A/C) trade from NCVT.	
011	Turner	02	(UR-01, SC-01)	SSLC/SSC/Matriculation + ITI/NTC/NAC in Turner trade from NCVT.	
012	Carpenter	03 (02+01)	(OBC-01, EWS-01, SC-01) (Out of 03 Vacancies, 01-EWS vacancy is identified for ISTRAC, Bengaluru).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Carpenter trade from NCVT.	
013	Motor Vehicle Mechanic	02 (01+01)	(UR-01, OBC-01) (Out of 02 Vacancies, 01-OBC vacancy is identified for ISTRAC, Bengaluru).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Motor Vehicle Mechanic trade from NCVT.	
014	Machinist	05 (04+01)	(UR-03, OBC-01, SC-01) (Out of 05 Vacancies, 01-UR vacancy is identified for ISTRAC, Bengaluru).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Machinist trade from NCVT.	
015	Welder	02 (01+01)	(UR-02) (Out of 02 Vacancies, 01-UR Vacancy is identified for ISTRAC, Bengaluru).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Welder trade from NCVT.	

Post Code.	Discipline/ Field	No. of Vacancy (ies)	Unreserved/ Reserved for	Essential minimum qualification & Experience	Mode of Selection
DRAUGHTSMAN-B					
016	Draughtsman (Mechanical)	11 (09+01+01)	(UR-05, OBC-02, EWS-02, SC-01, ST-01) (Out of 11 Vacancies, 01-EWS vacancy is identified for ISTRAC, Bengaluru). (Out of 11 Vacancies, 01-UR vacancy is identified for ISRO Headquarters). (Out of 09 URSC vacancies, 01 vacancy is reserved for PwBD (OH) and 01 backlog vacancy is reserved for PwBD (HH))	SSLC/SSC/Matriculation + ITI/NTC/NAC in Draughtsman Mechanical trade from NCVT.	Written Test / Computer Based Test and Skill Test (Curriculum based)
017	Draughtsman (Civil)	05 (01+01+03)	(UR-03, OBC-02) (Out of 05 Vacancies, 01-OBC vacancy identified for ISTRAC, Bengaluru is reserved for PwBD(OH).If OH candidate is not available, HH candidate will be considered for the post. (Out of 05 Vacancies, 02-UR and 01-OBC vacancies are identified for ISRO Headquarters).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Draughtsman Civil trade from NCVT.	Written Test / Computer Based Test and Skill Test (Curriculum based)
TECHNICAL ASSISTANT					
Post Code.	Discipline/ Field	No. of Vacancy (ies)	Unreserved/ Reserved for	Essential minimum qualification & Experience	Mode of Selection
018	Electronics	28 (16+08+04)	(UR-11, OBC-09, SC-05, ST-02, EWS-01) (Out of 28 Vacancies, 02-UR, 01-OBC, 01-SC vacancies are identified for ISTRAC, Bengaluru). (Out of 16 Vacancies, 03-UR, 03-OBC and 02-SC Vacancies are identified for MCF, Hassan). Out of 16 URSC vacancies, 01 vacancy is reserved for PwBD (VH) and 01 backlog vacancy is reserved for PwBD (OH)	First Class Diploma in Electronics Engineering from a recognized State Board.	
019	Computer Science	06 (02+03+01)	(UR-04, SC-01, ST-01) (Out of 06 Vacancies, 01-UR vacancy is identified for ISTRAC, Bengaluru). (Out of 06 Vacancies, 02-UR and 01-ST Vacancies are identified for MCF, Hassan) (Out of the 02-UR and 01-ST Vacancies identified for MCF, Hassan, One Vacancy is reserved for PwBD-OL(One Leg)).	First Class Diploma in Computer Science Engineering from a recognized State Board.	Written Test / Computer Based Test and Skill Test (Curriculum based)
020	Electrical	05 (02+03)	(UR-01, OBC-03, EWS-01) (Out of 05 Vacancies, 02-OBC and 01-EWS Vacancies are identified for MCF, Hassan).	First Class Diploma in Electrical Engineering from a recognized State Board.	
021	Civil	04 (02+02)	(UR-02, OBC-01, EWS-01) (Out of 04 Vacancies, 01-UR, 01-OBC Vacancies are identified for MCF, Hassan).	First Class Diploma in Civil Engineering from a recognized State Board.	
022	Mechanical	12 (10+02)	(UR-05, OBC-03, SC-02, EWS-02) (Out of 12 Vacancies, 01-UR and 01-EWS Vacancies are identified for MCF, Hassan). (Out of 10 URSC vacancies, 01 backlog vacancy is reserved for PwBD (Autism))	First Class Diploma in Mechanical Engineering from a recognized State Board.	

Post Code.	Discipline/ Field	No. of Vacancy (ies)	Unreserved/ Reserved for	Essential minimum qualification & Experience	Mode of Selection
SCIENTIFIC ASSISTANT					
023	Chemistry	02	(UR-01, ST-01)	First Class Graduate in BSc (Chemistry) from a recognized University/ Institution.	Written Test / Computer Based Test and Skill Test (Curriculum based)
024	Physics	02	(UR-01, SC-01)	First Class Graduate in BSc (Physics) from a recognized University/ Institution.	
025	Animation & Multimedia	01	(UR-01)	First Class Graduate in BSc (Animation & Multimedia) from a recognized University/ Institution.	
026	Mathematics	01	(UR-01)	First Class Graduate in BSc (Mathematics) from a recognized University/ Institution.	
LIBRARY ASSISTANT					
027	Library Assistant	01	(UR-01)	Graduate + First Class Master's degree in Library Science / Library & Information Science or Equivalent from recognized University/Institution.	Written Test & Skill Test (Computer Literacy)
Post Code.	Discipline/ Field	No. of Vacancy (ies)	Unreserved/ Reserved for	Essential minimum qualification & Experience	Mode of Selection
COOK					
028	Cook	04	(UR-02, OBC-01, ST-01) (Out of 04 URSC vacancies, 01 vacancy is reserved for PwBD (HH))	<ol style="list-style-type: none"> SSLC/SSC Pass or its equivalent 05 years experience in a similar capacity as cook in a well Established Hotel/ canteen, an approved certificate in cookery issued by any recognized/ reputed institute. Experience Certificates from individuals will not be accepted. 	Written Test / Computer Based Test and Skill Test
FIREMAN 'A'					
029	Fireman 'A'	03	(UR-03)	<ol style="list-style-type: none"> SSLC/SSC Pass or its equivalent Should satisfy the prescribed physical fitness standards and endurance test standards. 	Written Test / Computer Based Test & Skill Test (Endurance Test)
Post Code.	Discipline/ Field	No. of Vacancy (ies)	Unreserved/ Reserved for	Essential minimum qualification & Experience	Mode of Selection
LIGHT VEHICLE DRIVER-'A'					
030	Light Vehicle Driver-'A'	06 (04+02)	(UR-04, EWS-01, SC-01) (Out of 06 Vacancies, 02-UR, 01-EWS, 01-SC Vacancies are identified for ISTRAC and 02-UR Vacancies are identified for HSFC).	<ol style="list-style-type: none"> SSLC/SSC Pass or its equivalent 03 years experience as Light Vehicle Driver Must possess valid LVD licence Any other requirement of the Motor Vehicle Act of Karnataka State should be met within 3 months from the date of joining the post. Total prescribed experience should be after obtaining valid Driving licence Experience Certificate should only be from Government/Semi-Government agencies/Registered Companies/ Societies/ Trusts, etc. Experience Certificates from individuals will not be accepted. Part time experience will not be considered for calculation of number of years of experience. Candidate should possess the requisite qualification, experience and requirement of public service badge as on the last date of receipt of online application. 	Written Test / Computer Based Test and Skill Test (Driving Test)
HEAVY VEHICLE DRIVER-'A'					
031	Heavy Vehicle Driver-'A'	02	(UR-01, SC-01) (These Vacancies are identified for ISTRAC, Bengaluru).	<ol style="list-style-type: none"> SSLC/SSC Pass or its equivalent 05 years experience, out of which minimum 03 years as Heavy Vehicle Driver and the balance period driving experience of light motor vehicle. Must possess valid HVD licence and Public Service Badge, if statutory 	Written Test / Computer Based Test and Skill Test

				<p>(In case Public Service Badge is not mandatory in any State, candidate from such State(s) should meet this requirement within 3 months of joining the post in Karnataka).</p> <p>4. Total prescribed experience should be after obtaining valid Driving licence</p> <p>5. Experience Certificate should only be from Government/Semi-Government agencies/Registered Companies/ Societies/ Trusts, etc. Experience Certificates from individuals will not be accepted.</p> <p>6. Part time experience will not be considered for calculation of number of years of experience.</p> <p>7. Departmental LVDs who meet the norms are eligible to compete, if they so desire, along with external candidates.</p> <p>8. Candidate should possess the requisite qualification, experience and requirement of public service badge as on the last date of receipt of online application.</p>	(Driving Test)
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Note:

1. Out of the total vacancies of Technician-B, Draughtsman-B, Cook and Fireman-A, 21 vacancies of URSC are reserved for Ex-Serviceman.
2. Out of the total vacancies of Technician-B identified for MCF, Hassan, 01 Vacancy is reserved for Ex-Serviceman.
3. Out of the total vacancies of Technician-B, Light Vehicle Driver-'A' and Heavy Vehicle Driver-'A' identified for ISTRAC, 02 vacancies are reserved for Ex-Serviceman (01 in Technician-B and 01 in Light Vehicle Driver-'A'/Heavy Vehicle Driver-'A').

Note:

1. The candidates appointed under PwBD and Ex-Servicemen quota will be adjusted against the vacancy of respective categories of SC/ST/OBC/EWS/UR. Persons suffering from not less than 40% of relevant disability shall alone be eligible for the benefit of reservation and other relaxation as permissible under PwBD rules.
2. Persons with Benchmark Disability (PwBD) and Ex-Servicemen can apply to the posts suitable to them even if the post is not reserved for them. However, such candidates will be considered for selection to The post by general standard of merit.

ABBREVIATIONS USED:

UR - Unreserved; OBC - Other Backward Class; SC - Scheduled Caste; ST - Scheduled Tribe; EWS - Economically Weaker Section; PwBD - Person with Benchmark Disabilities [i.e. OH - Orthopedically Handicapped; VH - Visually Handicapped; HH- Hard of Hearing, OL- One Leg]. MCF: Master Control Facility, ISTRAC: ISRO Telemetry Tracking and Command Network, HSFC: Human Space Flight Centre. If the centre is explicitly specified for a post; it is earmarked for URSC: U R Rao Satellite Centre

3. Pay and Allowances and Age Limit for the above posts:

Name of the post	Post Code	Age limit as on 01.03.2024	Pay Level in Pay Matrix	Approx. Gross Emoluments
Scientist / Engineer – SC	001 and 002	18-30/ years	Level 10	Rs. 56,100/- per month Admissible Allowances
Scientist / Engineer – SC	003 and 004	18-28/ years		
Technical Assistant	018, 019, 020, 021 and 022	18-35/ years	Level 7	Rs. 44,900/- per month + Admissible Allowances
Scientific Assistant	023, 024, 025 and 026			
Library Assistant	027			
Technician – B	005, 006, 007,008, 009, 010, 011, 012, 013, 014 and 015	18-35/ Years	Level 3	Rs. 21,700/- per month + Admissible Allowances
Draughtsman – B	016 and 017			
Fireman-A	029	18-25/ Years	Level 2	Rs. 19,900/- per month + Admissible Allowances
Cook	028	18-35/ Years		
Light Vehicle Driver 'A' and Heavy Vehicle Driver 'A'	030 and 031	18-35/ Years		

Relaxation in upper age limit by 05 years for SC/ST candidates and 03 years for OBC candidates, against the vacancies reserved for these categories. Wherever vacancies are not reserved, SC/ST/OBC/EWS candidates may apply on par with UR candidates, in other words, no relaxations are available against UR vacancies. Departmental candidates; Ex-servicemen (ESM); Persons with Benchmark Disabilities (PwBD); Meritorious Sports persons; Widows; Divorced Women and Women judicially separated from their husbands and who are not remarried are eligible for age relaxation as per Government of India Orders. Candidates seeking upper age relaxation should produce relevant certificates as issued by the competent authorities.

The employees appointed will be governed by the National Pension System. In addition to the gross emoluments specified, ISRO provides free transport (in lieu of Transport Allowance), limited housing facility (in lieu of House Rent Allowance), advances for purchase of computer, construction of house, Leave Travel Concession, Group Insurance, etc., and extends subsidized canteen facilities subject to certain terms and conditions. ISRO also provides attractive medical scheme to its employees and eligible dependents.

Career Progression-ISRO provides excellent opportunities for career growth under its progressive merit promotion scheme wherein promotion to higher levels is delinked from availability of vacancy. Meritorious candidates can rise in hierarchy through the periodic merit based Performance Review System.

4. How to apply:

The link for the application for on-line registration will be hosted in the ISRO / URSC / ISTRAC web-sites **www.isro.gov.in / www.ursc.gov.in / www.istrac.gov.in** during the period from **10th February 2024 (10:00 AM) to 01st March 2024 (11:55 PM)**. Applications will be received through on-line mode only. Upon on-line registration, applicants will be provided with an on-line Registration Number, which should be carefully preserved for future reference. The candidates are also advised to take a printout of the online application for future reference.

- The Applicants registered under National Career Service (NCS) Portal and fulfilling the eligibility conditions may visit Careers page of ISRO web-site and follow the application procedure.
- It may be clearly noted that online application once submitted cannot be edited later. Hence, applicants are advised to verify whether, all details entered in the application are correct, before final submission of the application.
- If any changes are to be made in the online application, the applicant may apply once again. In case of multiple applications, the latest application for which application fee is remitted will be considered as valid application. However, applicant **should avoid** submission of multiple applications for the same post.
- **E-mail ID of the applicant will have to be provided in the on-line application correctly and compulsorily (Hall Tickets / Call letters for Written Test / Interview / Skill Test for those who will be screened-in will be sent through e-mail only and no separate hard copy will be sent).**
- **No Objection Certificate:** Candidates who are employed under Central/State Government, Public Sector Undertakings, Autonomous Bodies etc. have to submit 'No Objection Certificate' from the employer concerned, at the time of Skill Test or as and when called for. However, the candidate should apply for the post only under intimation to and with the prior permission of the employer. For a candidate, who gets/changes employment after applying, is required to inform the employer the particulars of his/her application and shall mandatorily submit NOC at the time of Skill Test. Any candidate, who fails to submit NOC in original at the time of Skill Test, shall not be permitted to appear in the Skill Test / Interview and **TA will not be paid.**

5. Uploading of Documents:

Candidates are required to upload clear images/ scanned copies of the following documents in the Online portal, failing which their applications will be rejected:

- Recent colour passport size photograph (not older than 6 months) in .jpg or .jpeg format only (Maximum Size of 50 Kb to 100 Kb).
- Signature-in .jpg or .jpeg format only (Maximum Size of 50 Kb to 100 Kb).
- All the required Essential Qualification certificates and Experience certificates.
- SC/ST/Disability/ Ex-servicemen certificate as applicable for full refund of processing Fee (any one certificate).

(While filling up on-line application, it is advisable to keep the above documents readily available to upload the same).

Note:

- The Photograph uploaded should be very clear to identify the candidate. Similarly, signature uploaded should be clear and legible. Failure to meet these requirements in the online application will lead to cancellation of candidature.
- Applications submitted without uploading the requisite documents will be treated as Invalid.
- Candidates will have to produce proof of details regarding educational qualification prescribed for the post, caste certificate (i.e.SC/ST/OBC), Income and Asset Certificate for Economically Weaker Sections (EWSs), Discharge certificate for Ex-Servicemen and Disability Certificate for PWBD candidates as and when called for.
- The documents uploaded will be verified during Skill Test/ Interview and mere admission to appear for written examination/skill test/ Interview will not bestow eligibility for selection.

6. Payment of Application Fee:

- There is a non-refundable Application Fee of **₹250/- (Rupees Two Hundred and Fifty only)** for Scientist / Engineer – SC / Technical Assistant / Scientific Assistant. However, initially all candidates have to uniformly pay **₹750/- (Rupees Seven Hundred and Fifty only)** per application as Processing fee. The Processing fee will be refunded only to candidates who appear in the written test.
- There is a non-refundable Application Fee of **₹100/- (Rupees One Hundred only)** for Technician-B / Draughtsman-B / Cook / Fireman-A / Light Vehicle Driver-A / Heavy Vehicle Driver-A. However, initially all candidates have to uniformly pay **₹500/- (Rupees Five Hundred only)** per application as Processing fee. The Processing fee will be refunded only to candidates who appear in the written test.
- The Application fee will be collected only through Online mode vide SBI e-Payment gateway and the link for making the payment will appear on submission of the online application. The fee can be paid using any one of the following modes:
 - Internet Banking
 - Unified Payment Interface (UPI)
 - Debit Cards (Domestic)
- **Payment of Application Fee in any other form like cash remittance, cheque, draft, money order, IPO, etc. are not allowed (or) No other mode of payment will be accepted.**
- All Applicable service charges for payment of Application fee shall be borne by the Applicant.

7. Refund of Application Fee: The Processing fee will be refunded only to candidates who appear in the written test, as under:-

- Refund in full for candidates who are exempted from payment of Application Fee (women, SC/ST/ PwBD, Ex-Servicemen).
- After deducting the Application Fee in respect of all other candidates: ₹500/- (for Scientist / Engineer – SC / Technical Assistant / Scientific Assistant) and ₹400 (for Technician-B / Draughtsman-B / Cook / Fireman-A / Light Vehicle Driver-A / Heavy Vehicle Driver-A) will be refunded.
- By default, refund shall be made to the original payment method only. However, in case of any failure with the original payment method, refund shall be made to the bank account details provided by the candidate in the application. Hence, Candidates shall enter their Bank Account details correctly for receipt of refund of processing fee. **Please note that refund will not be considered if a candidate fails to appear for the Written Test/ Skill Test / Interview.**
- **ISTRAC** will not be held responsible for any issues arising in refund of the application fee as a result of incorrect entry of bank details by the applicant in the online application.
- **In case of submission of duplicate / multiple applications by other candidates including OBC and EWS, the application against which the 'application fee' has been received within the last date for payment of application fee only will be considered.**

8. Selection Process:

The qualification prescribed is the minimum requirement and possession of the same does not automatically make the candidate eligible to be called for Written test. There will be an initial screening, based on the academic performance and other parameters provided by the candidates / applicants in the on-line applications and only those screened-in candidates will be called for Written Test. **Candidates those who qualify based on the performance / parameters set by ISRO in the Written Test and taking into consideration of number of Vacancies notified, will have to appear for Skill Test / Interview.**

a) For the posts of Scientist Engineer – ‘SC’ (ME / M.Tech Based)

Pattern of Exam:

Category	Description	M.Tech requirements
Part-A Area / Discipline Specific Part	Duration	75 Minutes
	Total Marks	60 Marks (+1 & -1/3 pattern of marking)
	Types of Question	Multiple Choice Question (MCQ)
	No. of Question	60
	Pattern	40% of questions shall be based on BE / B.Tech syllabus and 60% of the question shall be based on M.Tech syllabus.
Part-B Aptitude / Ability Tests	Duration	30 minutes
	Total Marks	20 marks (negative marking is not applicable)
	Types of Question	Multiple Choice Questions (MCQ)
	No. of Question	Maximum 15
	Pattern	Aptitude / Ability Tests (Numerical Reasoning, Logical Reasoning, Diagrammatic Reasoning, abstract reasoning & deductive reasoning)
Part-C Descriptive Questions	Duration	30 minutes
	Total Marks	20 marks
	Types of Question	Technical question relevant to maintain specialization / discipline notified in the advertisement only.
	No. of Question	To be decided based on the toughness by the expert.
Total Marks		100 Marks

b) For the posts of Scientist Engineer – ‘SC’ (M.Sc Based)

Pattern of Exam:

Category	Description	M.Sc requirements
Part-A Area / Discipline Specific Part	Duration	90 Minutes
	Total Marks	80 Marks (+1 & -1/3 pattern of marking)
	Types of Question	Multiple Choice Question (MCQ)
	No. of Question	80
	Pattern	75% of questions shall be based on core specialization / discipline notified in the advertisement. 25% of the questions shall cover the allied area topics.
Part-B Aptitude / Ability Tests	Duration	30 minutes
	Total Marks	20 marks (negative marking is not applicable)
	Types of Question	Multiple Choice Questions (MCQ)
	No. of Question	Maximum 15
	Pattern	Aptitude / Ability Tests (Numerical Reasoning, Logical Reasoning, Diagrammatic Reasoning, abstract reasoning & deductive reasoning)
Total Marks		100 Marks

i) **Interview:** Based on performance in the Written Test, candidates will be short-listed for interview in 1:5 ratio with a minimum of 10 candidates.

ii) **Pass Criteria:**

Category	Written Test	Interview	Qualifying Criteria
M.Tech	50% each in Part A, B & C	50/100 marks	Aggregate 60%
M.Sc	50% each in Part A & B	50/100 marks	Aggregate 60%

(c) For the posts of Technician-B / Draughtsman-B / Technical Assistant / Scientific Assistant / Library Assistant

i) **Pattern of Exam:**

Category	Written Test	Skill Test
Technical Assistant, Scientific Assistant and Library Assistant	80 MCQs in 1.5 hrs (+1 & -0.33 marking)	(Qualifying nature): To be conducted for 100 marks
Technician-B and Draughtsman-B	80 MCQs in 1.5 hrs (+1 & -0.33 marking)	

ii) **Pass Criteria:**

Category	Written Test	Skill Test
Unreserved Candidates	32/80 marks	50/100 marks
Reserved Candidates (only if a post is reserved)	24/80 marks	40/100 marks

The syllabus for the written test is curriculum based. Based on the performance in the Written Test, candidates will be shortlisted for Skill Test in 1:5 ratio with a minimum of 10 candidates.

In case of a tie in Written Test scores, the academic scores of the notified qualification(s) shall be the tie breaker.

In respect of recruitment to the posts of **Technician-B** and **Draughtsman-B**, if there is a tie in Written Test scores and academic scores of notified qualification (NAC/NTC/ITI) in respect of two or more candidates, candidates possessing valid NAC score will have preference over other candidates who do not possess NAC score.

(d) For the posts of Heavy Vehicle Driver-A / Light Vehicle Driver-A

The Syllabus for Written Test for Heavy Vehicle Driver 'A' post and Light Vehicle Driver 'A' post is:

I. Part 'A' (50 questions) - Questions based on Motor Vehicles Act, 1988 as amended from time to time

- i. Various Sections of the Motor Vehicles Act, 1988 as amended from time to time
- ii. Licensing of Drivers of Motor Vehicles
- iii. Registration of Motor Vehicles
- iv. Control of Transport Vehicles
- v. Control of Traffic
- vi. Insurance of Motor Vehicles
- vii. Offence, Penalties and Procedure
- viii. Mandatory Signs
- ix. Accident Claims
- x. Accident Claims Tribunals

II. Part 'B' (15 questions) - Elementary English of 8th Standard Level

- i. Synonyms, Antonyms
- ii. Use of Correct Verbs
- iii. Choosing appropriate given words and phrases to fill-in the blanks in sentences

III. Part 'C' (15 questions) - Elementary Arithmetic of 10th Standard Level

- i. Addition, Subtraction, Multiplication, Division
- ii. Percentage, Ratio, Average

IV. Part 'D' (20 questions) - General Knowledge

- i. General Knowledge, Current Affairs
- ii. Who is Who
- iii. States and Capitals in India
- iv. Geography of India

2. The Written Test will comprise of 100 Multiple Choice Questions as described above with a duration of 120 minutes (2hours).
3. One fourth negative marking will apply for each wrong answer, i.e.; 1 mark will be awarded for each correct answer and 0.25 marks will be deducted for each wrong answer.
4. Applicants have to secure 50% marks in Part 'A' and 50% marks in Part 'B', 'C' and 'D' combined for passing the Written Test.
5. Passing marks will be relaxed by 25% for applicants belonging to reserved categories, wherever a post is reserved for the respective category.
6. Total marks obtained in all four parts of the Written Test will be reckoned for shortlisting for Skill Test.

In case of a tie in Written Test scores, the academic scores of the notified qualification(s) shall be the tie breaker.

The Skill Test will be purely of qualifying nature. The Skill Test will be conducted for 100 marks out of which the applicants have to secure 60 marks for qualifying.

No relaxation of marks is applicable in the Skill Test for any category of applicants.

The applicants who had qualified in the Written Test will be shortlisted for the Skill Test in 1:10 ratio.

(e) For the post of Cook:

The syllabus for the written test is curriculum based. In case of a tie in Written Test scores, the academic scores of the notified qualification(s) shall be the tie breaker. The Skill Test will be purely of qualifying nature. The Skill Test will be conducted for 100 marks out of which the applicants have to secure 60 marks for qualifying. No relaxation of marks is applicable in the Skill Test for any category of applicants. The applicants who had qualified in the Written Test will be shortlisted for the Skill Test in 1:5 ratio.

Pattern of Exam:

Post	Written Test	Skill Test
Cook	60 MCQs in 1.5 hrs (+1 & -0.33 marking)	(Qualifying nature): To be conducted for 100 marks

(f) For the post of Fireman-A:

The mode of Selection will be Written Test, Physical Efficiency Test (PET) and Detailed Medical Examination (DME). Initial Screening, based on the academic performance, PME certificate and other parameters given in the on-line application will be done and only those screened-in candidates will be called for Written Test. The Skill Test will be purely on 'go-no-go' basis and marks obtained in Skill Test will not be considered for selection. The final selection shall be based on the marks obtained in the Written Test. Empanelment shall be done in the order of marks obtained in the Written Test, from among the candidates who have qualified PET and DME. In the event of a tie in Written Test marks, the inter-se merit of candidates will be decided based on the academic scores of the essential qualification prescribed.

a. The applicants have to submit Preliminary Medical Examination [PME] Certificate along with the application in the given format (**Annexure-A**) issued by Registered Medical Practitioner, not below the rank of Assistant Civil Surgeon or equivalent (Allopathy) employed in Government Health Services, along with the application.

b. After scrutiny of applications, the eligible candidates will be called for Written Test.

c. Based on the marks obtained in Written Test, the candidates who are meeting the prescribed PME norms will be shortlisted to appear in PET, in a maximum of 1:50 ratio, to the category-wise number of vacancies. Candidates whose PME certificates are not in the prescribed format or incomplete shall be disqualified.

d. The candidates shall at first undergo Stage-1 Physical Efficiency Test (PET) and those who qualify Stage-1 PET shall undergo Stage-2 PET.

e. The PET events will be conducted purely on 'go-no-go' basis. The candidates who fail to qualify in any event of the PET will be disqualified, and will not be allowed to attend the balance events of PET.

f. From amongst the candidates who qualify in Stage 1 & 2 PET, requisite number of candidates will be short-listed in batches to undergo Detailed Medical Examination [DME]. Empanelment will be done in the order of marks scored in the Written Test, from among the candidates who qualify in DME.

g. The Selection Committee is empowered to short-list candidates in batches to appear in PET, based on the outcome of the PET and DME held for the previous batch, until sufficient number of qualified candidates become eligible for empanelment.

h. The shortlisted candidates shall participate in PET at his/her own risk and violation. No compensation, whatsoever, is payable for any injury, disability(temporary/permanent), death, etc., attributable wholly / partially / directly / indirectly, to the candidate's participation in the PET. The candidates are required to submit a declaration to this effect when reporting for PET. **(Annexure-B).**

i. Physical Fitness Standards for recruitment of Fireman, and the list of events & qualifying Criteria for PET are at **Annexure-C.**

Note: ISRO reserves the right to conduct the written test online / offline. The Written Test / Computer Based Test will be conducted in Bengaluru or different cities across India. Skill Test / Endurance Test / Interview will be conducted for the screened-in / shortlisted candidates in Bengaluru only.

9. General Conditions:

- i. Applications made through on-line will only be entertained. Physical applications will not be entertained.
- ii. The posts are temporary, but likely to continue indefinitely.
- iii. The number of vacancies indicated above is provisional and may vary depending on the actual requirements.
- iv. The appointees are liable to be posted in any of the Centre / Units of the Indian Space Research Organization / Department of Space situated anywhere in India, as and when required. For details of ISRO Centre / Units, please visit **www.isro.gov.in**
- v. **The appointees are liable to work in round the clock shifts.**
- vi. ISRO reserves the right either not to fill up all or any of the posts / vacancies, if so desires.
- vii. **Only Indian Nationals need to apply.**
- viii. **Candidates pursued Professional course through Open and Distance Learning (ODL) are not eligible to apply for recruitment to the post of Scientist/Engineer and Technical Assistant. Candidates, those who registered for pursuing studies leading to the award of AMIE from Institution of Engineers (India) after 31.05.2013 will not be considered for recruitment.**
- ix. If a candidate does not fulfill the eligibility / conditions given in the advertisement at the time of last date of receipt of application, his / her candidature will be cancelled summarily at any stage on scrutiny whenever the discrepancy is noticed i.e. before Written Test / Interview / Skill Test or during Written Test / Interview / Skill Test or after Written Test / Interview / Skill Test.
- x. Outstation candidates short listed for Interview / skill test after qualifying in the written test will be paid to and fro Second Class Sleeper Railway fare by the shortest distance from the address given in the on-line application to the place of Skill Test or non-A/c Bus fare or actual fare whichever is less on production of proof of journey, irrespective of the mode of journey performed by the candidate viz., Rail, Bus, Air, etc. If a candidate travels in a higher class of accommodation, by train, by bus or by Air, only second class train fare by the shortest distance excluding reservation / sleeper charges will be paid. **(The candidates who are allowed for Interview / Skill Test after the successful document verification will alone be paid eligible Travelling Allowance).**
- xi. Candidates belonging to SC/ST/OBC/EWS should submit a latest copy of Caste Certificate/Certificate and candidates who claim concession / relaxations being PwBD and other categories of candidates need to bring relevant certificates issued by the Competent Authority in the prescribed proforma applicable for reservation / concessions of jobs under the Government of India including all the certificates supporting for having acquired their equivalent educational qualification at the time of Skill Test / Interview.
- xii. Ex-servicemen have to submit a copy of the Discharge Certificate duly indicating the Ex-service status at the time of Skill Test. Ex-Servicemen have to also submit necessary equivalency certificate issued by the Competent Authorities whenever the qualification acquired by them is different from the posts advertised and applied for by them.

- xiii. If candidates with higher qualification and /or experience in addition to those prescribed as minimum to apply, they may be called for Written Test / Interview / Skill Test for the post for which they have applied, but the higher qualification and / or experience shall not give the candidate any edge over other candidates adequately qualified as per the advertisement. The selected candidates shall be offered only the advertised grade / post.
- xiv. All further communications to the candidate shall be sent to his / her registered e-mail ID only. The candidates are advised to check their e-mail (including spam/ junk folders) regularly and visit ISRO / URSC / ISTRAC websites from time to time. ISRO / URSC / ISTRAC will not be responsible for non-receipt of any intimation sent/provided as afore-said, and no representation on the matter will be entertained.
- xv. It may be noted that corrigendum, if any, related to any modifications to the Essential Qualification Requirements, No. of posts, etc., will be notified in ISRO / URSC / ISTRAC websites only and will not be notified/advertised in newspapers.

xvi. **Reservation for Economically Weaker Sections (EWSs):**

- Persons who are not covered under the scheme of reservation for SCs, STs and OBCs and whose family has gross annual income below Rs. 8.00 lakh (Rupees eight lakh only) are to be identified as EWSs for benefit of reservation. Income shall, also include from all sources i.e., salary, agriculture, business, profession, etc., for the financial year prior to the year of application. Also persons whose family owns or possesses any of the following assets shall be excluded from being identified as EWS, irrespective of the family income.
- I. 5 acres of agricultural land and above
 - II. Residential flat of 1000 sq. ft. and above
 - III. Residential plot of 100 sq. yards and above in notified municipalities.
 - IV. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.
- 1) The property held by a "Family" in different locations or different places/ cities would be clubbed while applying the land or property holding test to determine EWS status.
 - 2) The term "Family" for this purpose will include the person who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/ her spouse and children below the age of 18 years.

INCOME AND ASSET CERTIFICATE ISSUING AUTHORITY AND VERIFICATION OF CERTIFICATE:

- The benefit of reservation under EWS can be availed upon production of an Income and Asset Certificate issued by a Competent Authority. The Income and Asset Certificate issued by anyone of the following authorities in the prescribed format as given in **Annexure-D** shall only be accepted as proof of candidate's claim as 'belonging to EWS':
- District Magistrate / Additional District Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / 1st Class Stipendary Magistrate / Sub-Divisional Magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner
 - Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate
 - Revenue Officer not below the rank of Tehsildar and
 - Sub-Divisional Officer or the area where the candidate and / or his family normally resides.
- The Officer who issues the certificate would do the same after carefully verifying all relevant documents following due process as prescribed by the respective State / Union Territory.
- **The candidate belonging to EWS, at the time of Skill Test / Interview, should produce Income & Asset Certificate for the year 2022-2023 and valid for the Financial year 2023-2024 issued in the prescribed format by the Competent Authority.**
- The candidates applying against Economically weaker sections (EWSs) quota should submit Income and Asset Certificate issued by the Competent Authority in the format prescribed in DOPT OM No. 36039/1/2019-Estt (Res), dated 31.01.2019. In case of non-compliance of the conditions stipulated in the aforesaid OM, the claim for reserved status under EWS will not be entertained and candidature / application of such candidates, if fulfilling all the eligibility conditions for general (UR) category will be considered under general (UR) vacancies only.
- xvii. Applications will be received through on-line only and all further communications will be made to the applicants through e-mail / ISRO website only. Therefore, the applicants are advised to check their e-mail regularly and visit the ISRO website from time to time. ISRO will not be responsible for non-receipt of intimation regarding e-mail or / any communication due to technical or whatsoever reasons to the candidates.

- xviii. Candidates belonging to PwBD should produce the original Disability Certificate in the prescribed format as given in **Annexure-E & Annexure-F** at the time of Written Test (if opting for scribe/compensation time) and at the time of Interview for verification, clearly indicating the percentage of disability, issued by a Medical Board consisting of at least three (03) members out of which one shall be a specialist in the particular field for assessing disability, duly constituted by Central or a State Government.
- xix. The candidates who have passed out in the relevant examinations only are eligible to apply. Students awaiting for final result need not apply.
- xx. Any request for change of Written Test Centre or Skill Test Centre or e-mail id/mobile number for communication will **NOT** be entertained.
- xxi. **No interim correspondence will be entertained. Telephonic conversations are strictly not entertained. However, in case of any clarification, candidates may send their mail to rmt@ursc.gov.in / rmt@istrac.gov.in.**
- xxii. CANVASSING IN ANY FORM FOR SECURING EMPLOYMENT IN ISRO WILL RESULT IN DISQUALIFICATION OF THE CANDIDATURE OF THE APPLICANT.
- xxiii. **01.03.2024 (LAST DATE FOR RECEIPT OF ON-LINE APPLICATIONS)** will be the cut-off date for all purposes like computation of age, acquiring of qualification, experience etc.
- xxiv. It is for the candidate to ensure that he / she fulfills the eligibility criteria and comply with the requirements and adheres to the instructions contained in this advertisement as well as in the application form in all respects. Candidates are therefore, urged to carefully read the advertisement and fill in the on-line application form and submit the same as per the instructions given in this regard.
- xxv. Applications submitted without complete information, photo of the applicant, etc. will summarily be rejected.
- xxvi. If a clash with the timing of the examination for multiple posts in the same session is observed, Candidate is advised to choose one post for appearing in the examination.
- xxvii. HVD'A' - Candidates appointed as HVD 'A' are required to drive both Heavy and Light vehicles on need basis.
- xxviii. In case of any ambiguity / dispute arises on account of interpretation of Hindi version, contents enumerated in English version shall finally prevail.

PLEASE VISIT OUR WEBSITES AT www.isro.gov.in / www.ursc.gov.in / www.istrac.gov.in FOR LATEST UPDATES ON RECRUITMENT

Candidates are advised to visit only the official websites of ISRO / URSC / ISTRAC and beware of FAKE websites and social media content put up by unscrupulous elements/ touts.

LAST DATE FOR RECEIPT OF ON-LINE APPLICATIONS IS 01.03.2024

JOIN ISRO AND SHAPE-UP YOUR CAREER
SHARE YOUR KNOWLEDGE WITH TALENTED SCIENTIFIC AND TECHNICAL COMMUNITY
AND SUPPORT NATIONAL DEVELOPMENT

“Government strives to have a workforce which reflects gender balance and hence women candidates are encouraged to apply”

**INDIAN SPACE RESEARCH ORGANISATION
U R RAO SATELLITE CENTRE
BENGALURU**

**CERTIFICATION OF PRELIMINARY MEDICAL FITNESS FOR RECRUITMENT OF
FIRE SERVICE PERSONNEL**

[To be issued by a Government Medical officer not below the rank of Asst.Civil Surgeon or equivalent Allopathy]

DATE OF MEDICAL EXAMINATION:		
PLACE OF MEDICAL EXAMINATION:		
NAME OF THE CANDIDATE:		
AGE:	SEX : MALE/ FEMALE/ TRANSGENDER	
CATEGORY: GENERAL/SC/ST/GORKHAS & HILL TRIBES		
HEIGHT:CM	WEIGHT:.....Kg	BMI:KG/M2
WAIST:CM	HIP:CM	WAIST/HI RATIO:
CHEST		
INSPIRATION: (CM)	EXPIRATION: (CM)	EXPANSION: (CM)
PULSE RATE:	B.P:	RESPIRATORY RATE:

i) certified that I have Physically examined Shri/Smt/Kum son/daughter of having Aadhar Card No a candidate who has applied for the post of in ISRO Fire services on

ii) During the physical examination, I have taken into account the Physical Fitness Standards and criteria for disqualification mentioned overleaf and I hereby declare that Shri/Smt/Kum as Medically Fit to be considered for selection to the post ofit is also certified that the candidate is medically fit to undergo the physical efficiency Tests mentioned overleaf.

[Signature of Medical officer (Allopathy)]

Date:

Seal

Name :

Qualification :

Medical Council Reg No. :

Name of Medical Council :

Designation :

Official Address :

**INDIAN SPACE RESEARCH ORGANISATION
U R RAO SATELLITE CENTRE
BENGALURU**

**Declaration to be submitted by the Candidate at the time of reporting for PET
(Physical Efficiency Test)**

DECLARATION

I, Mr/Ms _____ a candidate applied for the post of _____

_____ (name of the post) hereby declare that

- I am attending Physical Efficiency Test (PET), as a part of selection process for ISRO Fire Service Recruitment at my own volition & risk.
- I shall not be entitled to claim any compensation whatsoever, payable for any injury, disability (temporary/permanent), death etc. attributable wholly/partially/directly/indirectly, to the participation in the Physical Efficiency Test (PET).

Signature of the candidate

Name

Registration No.

Countersigned

Signature of the parent/guardian

Name of the Parent/guardian

Address

Date

PHYSICAL FITNESS STANDARDS (FOR PRELIMINARY MEDICAL EXAMINATION) FOR RECRUITMENT TO ISRO FIRE SERVICE

Parameter	Men		Women & Transgender
	General category	Gorkhas, Hill Tribes, SC & ST	
Height (minimum)	165 cm	160 cm	155 cm
Weight (minimum)	50 kg BMI 18-28	46 kg BMI 18-28	43 kg BMI 16-28
Waist to Hip Ratio	≤1	≤1	≤1
Chest on Expiration(min.)	81 cm	76 cm	Not Applicable
Chest on Inspiration(min.)	86 cm	81 cm	Not Applicable
Chest Expansion(min.)	5 cm	5 cm	5 cm
Heart Sounds	Normal	Normal	Normal
Respiratory Systems	Normal	Normal	Normal
Neurological System	Normal	Normal	Normal
Musculo-skeletal system	No clinical evidence of disease	No clinical evidence of disease	No clinical evidence of disease

Criteria for Disqualifications in Preliminary Medical examination

Any of the following present in the candidate will be a disqualification:

- Knock knee, bow legs, flat foot, any physical deformity of spine or any limb, congenital or acquired.
- Blood pressure more than 140/90 mmHg with evidence of damage to target organs.

PHYSICAL EFFICIENCY TESTS FOR RECRUITMENT TO ISRO FIRE SERVICE

Event	Qualifying criteria for age up to 40 years		Qualifying criteria for age above 40 years	
	Men	Women & Transgender	Men	Women & Transgender
STAGE – I				
1500 m Run*	7 minutes	-	8 minutes	-
800m Run*	-	4 minutes	-	5 minutes
STAGE- II				
Rope climbing (by hands only)	5 metres from ground level	4.5 metres from ground level	4.5 metres from ground level	4.0 metres from ground level
Carrying a human dummy by fireman's lift, 60kg weight for men/ 50 kg weight for women & transgender	25 metres in 60 seconds	25 metres in 75 seconds	25 metres in 75 seconds	25 metres in 90 seconds
Long Jump (best of 3 attempts)	3.8 metres	3.5 metres	3.5 metres	3.2 metres
Running 100 metres*	15 seconds	17 seconds	17 seconds	19 seconds

*Shoes with spikes not allowed.

Government of
(Name & Address of the authority issuing the certificate)

INCOME & ASSET CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS

Certificate No:

Date:.....

VALID FOR THE YEAR.....

This is to certify that Shri/Smt./Kumari
.....son/daughter/wife of permanent
resident of Village/Street Post Office
..... District..... in the State/Union Territory
Pin Code..... whose photograph is attested below belongs to Economically Weaker Sections, since
the gross annual income* of his/her 'family' ** is below Rs.8 Lakh (Rupees Eight Lakh only) for the financial year
..... His/her family does not own or Possess any of the following assets***:

- I. 5 acres of agricultural land and above;
 - II. Residential flat of 1000 sq. ft. and above;
 - III. Residential plot of 100 sq. yards and above in notified municipalities;
 - IV. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.
2. Shri/Smt./Kumari belongs to the caste which is not recognized as a Scheduled Caste, Scheduled Tribe and Other Backward Classes (Central List).

Signature with seal of office

Name

Designation

(Any Officer as mentioned in para 5 of O.M No.36039/1/2019-Estt(Res) dated 31.01.2019 issued by Department of Personnel and Training, New Delhi may sign the Income and Asset Certificate)

**Recent passport
size attested
photograph of the
applicant**

*Note1: income covered all sources i.e. salary, agriculture, business, profession, etc.

**Note2: the term "Family" for this purpose include the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years.

***Note3: the property held by a "Family" in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.

Certificate regarding physical limitation in an examinee to write

This is to certify that, I have examined Mr/Ms/Mrs (name of the candidate with disability), a person with.....(nature and percentage of disability as mentioned in the certificate of disability), S/o/D/o....., a resident of(village/district/state) and to state that he/she has physical limitation which hampers his/her writing capabilities owing to his/her disability.

Signature

Chief Medical Officer/Civil Surgeon/Medical Superintendent of a Government health care institution

Name & Designation

Name of Government Hospital/Health Care Centre with Seal

Place:

Date:

Note:

Certificate should be given by a specialist of the relevant stream/disability (eg. visual impairment-ophthalmologist, locomotor disability-orthopaedic specialist/PMR).

Letter of Undertaking for using own Scribe

I.....,a candidate with(name of the disability) appearing for the (name of the examination) bearing Roll No., at (name of the centre) in the District (name of the State). My qualification is

I do hereby state that (name of the scribe) will provide the service of scribe /reader/lab assistant for the undersigned for taking the aforesaid examination.

I do hereby undertake that his qualification is In case, subsequently it is found that his qualification is not as declared by the undersigned and is beyond my qualification, I shall forfeit my right to the post and claims relating thereto.

(Signature of the candidate with Disability)

Place:

Date: