



भारत सरकार/Government of India  
अंतरिक्ष विभाग/Department of Space  
भारतीय अंतरिक्ष अनुसंधान संगठन/Indian Space Research Organisation  
**इसरो नोदन कॉम्प्लेक्स/ISRO PROPULSION COMPLEX**  
महेंद्रगिरि/Mahendragiri - 627 133



**Advertisement No.IPRC/RMT/2023/01 dated 26.03.2023**

ISRO Propulsion Complex (IPRC) located at Mahendragiri, Tirunelveli District, Tamil Nadu is a lead Unit of Indian Space Research Organisation (ISRO) in the area of Liquid and Cryogenic Propulsion for ISRO's Launch Vehicle and Spacecraft Programmes. IPRC is responsible for Research & Development of Propulsion Systems; Assembly, Integration and Testing of Engines, Stages for ISRO Launch Vehicles, Associated Control Systems, Sub-systems and Components of Launch Vehicles; High Altitude Testing of Upper Stage Engines and Space Craft Thrusters; Production and Supply of Propellants for ISRO's Launch Vehicles and Satellite Programmes. IPRC also carries out Research & Development (R&D) and Technology Development Programmes (TDP) towards continual improvement of its contribution to the ISRO Space Programme.

ISRO Propulsion Complex (IPRC) is inviting applications for various posts as detailed below.

**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.**

**1. VACANCY DETAILS**

Post Code	Name of the Post & Discipline	Vacancy Details						Functional Requirements	Essential Qualifications
		UR	SC	ST	OBC	EWS	Total		
013	Technical Assistant (Mechanical)	9	3	---	2	1	15	S, ST, W, BN, L, CRL, KC, CL, MF, RW, SE, H, C, PP, OA	First Class Diploma in Mechanical Engineering (or) Production Engineering
		Out of the above 1 vacancy is reserved for PwBD (D/HH)							
018	Technical Assistant (Electronics & Communication)	1	1	---	2	---	4	S, ST, W, BN, L, CRL, KC, CL, MF, RW, SE, H, C, PP, BA	First Class Diploma in Electronics Engineering (or) Electronics & Communication Engineering (or) Electronics & Telecommunication Engineering (or) Electronics & Instrumentation Engineering
001	Technical Assistant (Electrical)	1	---	---	---	---	1	S, ST, W, BN, L, CRL, KC, CL, MF, RW, SE, H, C, PP, BA, BL	First Class Diploma in Electrical Engineering (or) Electrical and Electronics Engineering

Post Code	Name of the Post & Discipline	Vacancy Details						Functional Requirements	Essential Qualifications
		UR	SC	ST	OBC	EWS	Total		
019	Technical Assistant (Computer Science)	---	1	---	---	---	1	S, ST, W, BN, L, CRL, KC, CL, MF, RW, SE, H, C, PP, OA	First Class Diploma in Computer Science <b>(or)</b> Computer Science & Engineering <b>(or)</b> Computer Technology
026	Technical Assistant (Civil)	---	---	---	2	1	3	S, ST, W, BN, L, CRL, KC, CL, MF, RW, SE, H, C, PP, BA, BL	First Class Diploma in Civil Engineering
003	Technician 'B' (Fitter)	6	4	---	9	1	20	S, ST, W, BN, L, CRL, KC, CL, MF, RW, SE, H, C, PP, BA, OL	<ul style="list-style-type: none"> <li>▪ Pass in SSLC/SSC/Matric/10th Std. <b>(and)</b></li> <li>▪ ITI in Fitter Trade from NCVT with NTC (or) NAC</li> </ul>
		Out of the above, 2 vacancies are reserved for Ex-SM							
015	Technician 'B' (Electronic Mechanic)	1	---	---	1	1	3	S, ST, W, BN, L, CRL, KC, CL, MF, RW, SE, H, C, PP, BA	<ul style="list-style-type: none"> <li>▪ Pass in SSLC/SSC/Matric/10th Std. <b>(and)</b></li> <li>▪ ITI in Electronic Mechanic <b>(or)</b> Instrument Mechanic Trade from NCVT with NTC (or) NAC</li> </ul>
		Out of the above, 1 vacancy is reserved for PwBD (B/LV)							
020	Technician 'B' (Welder)	1	1	---	1	---	3	S, ST, W, BN, L, CRL, KC, CL, MF, RW, SE, H, C, PP, JU, BA, BL	<ul style="list-style-type: none"> <li>▪ Pass in SSLC/SSC/Matric/10th Std. <b>(and)</b></li> <li>▪ ITI in Welder Trade from NCVT with NTC (or) NAC</li> </ul>
014	Technician 'B' (Refrigeration & AC)	---	1	---	---	---	1	S, ST, W, BN, L, CRL, KC, CL, MF, RW, SE, H, C, PP, JU, BA, BL	<ul style="list-style-type: none"> <li>▪ Pass in SSLC/SSC/Matric/10th Std. <b>(and)</b></li> <li>▪ ITI in Mechanic Refrigeration &amp; AC Trade from NCVT with NTC (or) NAC</li> </ul>
007	Technician 'B' (Electrician)	1	---	---	---	1	2	S, ST, W, BN, L, CRL, KC, CL, MF, RW, SE, H, C, PP, JU, BA, BL	<ul style="list-style-type: none"> <li>▪ Pass in SSLC/SSC/Matric/10th Std. <b>(and)</b></li> <li>▪ ITI in Electrician Trade from NCVT with NTC (or) NAC</li> </ul>
005	Technician 'B' (Plumber)	1	---	---	---	---	1	S, ST, W, BN, L, CRL, KC, CL, MF, RW, SE, H, C, PP, JU, BA, BL	<ul style="list-style-type: none"> <li>▪ Pass in SSLC/SSC/Matric/10th Std. <b>(and)</b></li> <li>▪ ITI in Plumber Trade from NCVT with NTC (or) NAC</li> </ul>
027	Draughtsman 'B' (Civil)	1	---	---	---	---	1	S, ST, W, BN, L, CRL, KC, CL, MF, RW, SE, H, C, PP, JU, BA, BL	<ul style="list-style-type: none"> <li>▪ Pass in SSLC/SSC/Matric/10th Std. <b>(and)</b></li> <li>▪ ITI in Draughtsman (Civil) Trade from NCVT with NTC (or) NAC</li> </ul>
		The above vacancy is reserved for PwBD (OD)							

Post Code	Name of the Post & Discipline	Vacancy Details					Functional Requirements	Essential Qualifications
		UR	SC	OBC	EWS	Total		
010	Heavy Vehicle Driver 'A'	2	1	2	---	5	S, ST, W, BN, L, CRL, KC, CL, MF, RW, SE, H, C, PP, JU, BA, BL, DRV	<ul style="list-style-type: none"> <li>▪ Pass in SSLC/SSC/Matric/10th Std.</li> <li>▪ Must possess valid HVD license</li> <li>▪ Must possess Public Service Badge</li> <li>▪ Applicants belonging to State(s)/Union Territory(ies) where Public Service Badge is not mandatory should meet this requirement within 3 months of joining the post since Public Service Badge is mandatory in Tamil Nadu State</li> <li>▪ 5 years experience out of which 3 years as HVD (should be acquired after obtaining valid HVD license)</li> <li>▪ Any other requirement of the Motor Vehicle Act of Tamil Nadu State should be met within 3 months from the date of joining the post</li> </ul>
		Out of the above 3 vacancies are reserved for Ex-SM						
030	Light Vehicle Driver 'A'	1	1	---	---	2	S, ST, W, BN, L, CRL, KC, CL, MF, RW, SE, H, C, PP, JU, BA, BL, DRV	<ul style="list-style-type: none"> <li>▪ Pass in SSLC/SSC/Matric/10th Std.</li> <li>▪ Must possess valid LVD license</li> <li>▪ Must possess Public Service Badge</li> <li>▪ Applicants belonging to State(s)/Union Territory(ies) where Public Service Badge is not mandatory should meet this requirement within 3 months of joining the post since Public Service Badge is mandatory in Tamil Nadu State</li> <li>▪ 3 years experience as LVD (should be acquired after obtaining valid LVD license)</li> <li>▪ Any other requirement of the Motor Vehicle Act of Tamil Nadu State should be met within 3 months from the date of joining the post</li> </ul>
		Out of the above 1 vacancy is reserved for Ex-SM						
008	Fireman 'A'	1	---	---	---	1	S, ST, W, BN, L, CRL, KC, CL, MF, RW, SE, H, C, PP, JU, BA, BL	<ul style="list-style-type: none"> <li>▪ Pass in SSLC/SSC/Matric/10th Std. (and)</li> <li>▪ Should satisfy the prescribed Physical Fitness Standards</li> <li>▪ Should upload Preliminary Medical Examination Certificate (Annexure A) alongwith online application</li> </ul>

#### Abbreviations Used

<b>UR</b> : Unreserved	<b>SC</b> : Scheduled Caste	<b>ST</b> : Scheduled Tribe
<b>OBC</b> : Other Backward Classes	<b>EWS</b> : Economically Weaker Section	<b>PWBD</b> : Persons with Benchmark Disabilities
<b>D/HH</b> : Deaf or Hard of Hearing	<b>OD</b> : Orthopedically disabled	<b>B/LV</b> : Blind or Low Vision
<b>Ex-SM</b> : Ex-Serviceman	<b>S</b> : Sitting	<b>ST</b> : Standing
<b>W</b> : Walking	<b>BN</b> : Bending	<b>L</b> : Lifting
<b>CRL</b> : Crawling	<b>KC</b> : Kneeling & Crouching	<b>CL</b> : Climbing
<b>MF</b> : Manipulation by Fingers	<b>RW</b> : Reading & Writing	<b>SE</b> : Seeing
<b>H</b> : Hearing	<b>C</b> : Communication	<b>PP</b> : Pulling & Pushing
<b>JU</b> : Jumping	<b>BA</b> : Both Arms	<b>BL</b> : Both Legs
<b>OA</b> : One Arm	<b>OL</b> : One Leg	<b>DRV</b> : Driving of Vehicles

## 2. **IMPORTANT CONDITIONS**

1. Only Indian Nationals are eligible to apply.
2. The posts are of temporary nature, but likely to continue indefinitely.
3. **Those who possess the prescribed qualifications/experience as on the closing date of Online application, i.e. 24.04.2023 only shall apply.**
4. Further selection process will be carried out on the basis of the information entered by the applicants in the Online Application. Hence, any mismatch found in future at any stage of the recruitment process will summarily reject the candidature of the applicant.
5. The essential qualifications for the above posts should have been acquired from a recognized State Board/University.
6. Those who possess the exact qualifications prescribed above shall apply and no equivalent courses will be considered eligible.
7. **The following conditions are applicable with respect to Experience prescribed for the posts of Heavy Vehicle Driver 'A' [Post Code:010] and Light Vehicle Driver 'A' [Post Code:030]:**
  - i. Experience should have been acquired after obtaining license.
  - ii. Experience Certificate should only be from Government/Semi-Government agencies/Registered Companies/Societies/Trusts, etc.
  - iii. Experience Certificate from individuals and Part Time Experience will not be accepted.
8. The applicants for the post of **Fireman 'A' post [Post Code: 008]** should **mandatorily** submit Preliminary Medical Examination (PME) Certificate (as prescribed in Annexure A) during the Skill Test. Scanned copy of the PME Certificate should also be uploaded in the online application.
  - i. **The PME Certificate should be issued by Registered Medical Practitioner not below the rank of Assistant Surgeon (Allopathy) employed in Government Health Services.**
  - ii. The PME Certificate will be valid for a period of 06 months.
  - iii. **Those applicants who had uploaded the PME Certificate and meeting the prescribed Physical Fitness Standards only will be called for the Skill Test.**
  - iv. **Applications of those applicants who had not uploaded the PME Certificate or those who are not meeting the prescribed Physical Fitness Standards will be summarily rejected.**
9. **i. Physical Fitness Standards for Fireman 'A' post [Post Code: 008]**

Parameter	Men		Women & Transgender
	General Category	Gorkhas, Hill Tribes, SC & ST	
Height (minimum)	165 cm	160 cm	155 cm
Weight (minimum)	50 kg	46 kg	43 kg
Body Mass Index	18-28		
Waist to Hip Ratio	≤ 1		
Chest on Expiration (minimum)	81 cm	76 cm	Not Applicable
Chest on Inspiration (minimum)	86 cm	81 cm	Not Applicable
Chest Expansion (minimum)	5 cm		
Distant Vision	6/6 without glasses or any other aid in each eye		
Near Vision***	Normal		
Field of Vision	Full		
Hearing	Normal (By Tuning fork Tests)		
Psychiatry	No known psychiatric illness		
Heart Sounds	Normal		
ECG	Normal		

Parameter	Men		Women & Transgender
	General Category	Gorkhas, Hill Tribes, SC & ST	
Respiratory Systems	Normal		
Neurological System	Normal		
Musculo-Skeletal System	No clinical evidence of disease		

\*\*\* Presbyopia correction is allowed in case of applicants above 40 years of age.

**ii. Presence of any one of the following will be disqualification**

- a. Knock knee, bow legs, flat foot, any physical deformity of Spine or any limb, congenital or acquired
  - b. Night blindness
  - c. Colour blindness
  - d. Squint or any other morbid condition of the eyes, or of the eyelids of either eye liable to the risk of aggravation or recurrence.
  - e. Monocular vision
  - f. Glaucoma
  - g. Implanted pacemaker
  - h. Blood Pressure more than 140/90 mmHg with evidence of damage to target organs
  - i. Anaemia (Haemoglobin < 10 gm %)
  - j. Random Blood Sugar > 180 mg/dl
  - k. Organomegaly by Clinical examination
  - l. Hernia
  - m. Hydrocele
  - n. Haemorrhoids
  - o. Any chronic illness likely to worsen over a period of time
  - p. Varicose veins
  - q. Ischemic Heart Disease (IHD) and any other heart diseases
  - r. Seizure Disorders (EEG if required)
  - s. Bilateral Nystagmus and Positive Romberg Sign
  - t. Serious Infectious diseases that are likely to be communicable to others: Lepromatous Leprosy, Active Tuberculosis with sputum positive for Tubercle Bacilli
  - u. Malignancy: Any Carcinoma, Multiple Myeloma and Blood dyscrasias.
  - v. Any other major operation by virtue of which his/her physical fitness to work in fire service has been impaired
  - w. Thyrotoxicosis and pituitary disorders
  - x. Diabetes with micro vascular / macro vascular complications
  - y. Bronchial Asthma and Chronic Obstructive Pulmonary Disease (COPD)
10. Applicants claiming PwBD status have to submit Disability Certificate during the Skill Test, clearly indicating the percentage of disability, issued by 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. However, scanned copy of the Disability Certificate shall be uploaded with the online application.
11. Applicants who are employed under Central/State Government, Public Sector Undertakings, Autonomous Bodies, Private Organisations under direct control of Central/State Government etc. have to submit **"No Objection Certificate"** from the employer concerned, at the time of Skill Test or as and when called for. An applicant who may gain/change employment after applying for the post, is required to inform the employer the particulars of his/her application and shall mandatorily submit NOC at the time of Skill Test. **Any applicant, who fails to submit NOC in original at the time of Skill Test, shall not be permitted to appear in the Skill Test and Travelling Allowance will not be paid.**

**However, such applicants should apply for the post only under intimation to and with the prior permission of the employer. Scanned copy of the letter of permission provided by the present employer should also be uploaded with the online application.**

12. The applicants are advised to furnish their e-Mail ID **CORRECTLY and COMPULSORILY** upon ONLINE registration since all further communications will be sent **through e-Mail only.**
13. Please note that the qualifications prescribed are the minimum requirement and the same does not automatically make the applicants eligible for the selection.
14. Based on the quantum of On-line applications received, IPRC may adopt method of conducting initial screening by fixing a higher cut-off percentage of marks scored in the prescribed educational qualification for shortlisting applicants for further selection process.
15. Please note that the various conditions mentioned herewith in this notification such as eligibility criteria, selection method, reservation, relaxation etc. are subject to revision in accordance with Government of India/DOS/ISRO orders issued from time to time.

### **3. AGE LIMIT (AS ON 24.04.2023)**

The minimum age for applying the above posts is 18 years.

The maximum age limit prescribed for the post of **Fireman 'A' [Post Code 008]** is **25 years** and maximum age limit prescribed for **All Other Posts** is **35 years** as on 24.04.2023.

Age relaxation is applicable for applicants belonging to SC / ST category (5 years) and OBC category (3 years) **if post(s) is/are reserved for the categories.** Serving Government Employees; Ex-Servicemen; Persons with Benchmark Disabilities; Widows; Divorced women and women judicially separated from their husbands and who are not remarried; Meritorious Sportspersons are eligible for upper age relaxation as per Government of India orders.

### **4. PERQUISITES**

The pay entitlements for each post are as follows:

<b>Post Code(s)</b>	<b>Name of the Post</b>	<b>Pay Scale</b>	<b>Initial Minimum Monthly Basic Pay</b>
013, 018, 001, 019, 026	Technical Assistant	Level 7 (Rs.44,900/- – Rs.1,42,400/-)	Rs.44,900/-
003, 015, 020, 014, 007, 031, 005, 027	Technician 'B'/ Draughtsman 'B'	Level 3 (Rs.21,700/- – Rs.69,100/-)	Rs.21,700/-
008, 010, 030	Fireman 'A'/ Heavy Vehicle Driver 'A'/ Light Vehicle Driver 'A'	Level 2 (Rs.19,900/- – Rs.63,200/-)	Rs.19,900/-

In addition to the above, other allowances viz. Dearness Allowance at the prescribed rates in force will be paid alongwith House Rent Allowance [HRA] and Transport Allowance at the prescribed rates in force at the place of posting will be paid for those who are not availing Departmental Housing and Transport facility, respectively. The employees will be governed by the National Pension System. Other attractive benefits such as Medical Facility (Contributory Health Service Scheme) for self and dependents, Subsidized Canteen, Transport facility in lieu of Transport Allowance, limited Departmental Housing facility in lieu of HRA, Leave Travel Concession, House Building Advance for construction of house are also provided as per extant Government orders. IPRC also has a well-stocked Library that provides an excellent opportunity for professional development.

## 5. MODE OF SELECTION

Post Code(s)	Name of the Post	Mode of Selection
013, 018, 001, 019, 026, 003, 015, 020, 014, 007, 031, 005, 027	Technical Assistant/ Technician 'B'/ Draughtsman 'B'	Written Test + Skill Test (Curriculum based)
010, 030	Heavy Vehicle Driver 'A'/ Light Vehicle Driver 'A'	Written Test + Skill Test (Driving Test)
008	Fireman 'A'	Written Test + Skill Test (Physical Efficiency Test + Medical Examination)

- Note:**
1. The final selection will be based on the scores obtained in the Written Test.
  2. The Written Test will be held by means of online Computer Based Test (CBT) across various cities mentioned in Annexure B. The applicants have to make their choice of city for CBT while submission of online application. **It may be noted that the choice once made cannot be changed later under any circumstance.**
  3. The Skill test will be conducted purely on 'go-no-go' basis and marks obtained in the Skill Test shall not be considered for final selection.
  4. In case of a tie in Written Test scores, the academic scores of the prescribed qualification shall be the tie breaker.
  5. The above mode of selection may change as per Govt. of India/DOS/ISRO orders from time to time.

## 6. SYLLABUS FOR WRITTEN TEST

- 6.1.**
1. The Syllabus for Written Test for **Technical Assistant, Technician 'B'** and **Draughtsman 'B'** posts having post codes **013, 018, 001, 019, 026, 003, 015, 020, 014, 007, 031, 005 and 027** is purely based on the Curriculum (Academic Syllabus) of the prescribed Educational Qualification.
  2. The Written Test will comprise of 80 Multiple Choice Questions with a duration of 90 minutes (1½ hours).
  3. One third negative marking will apply for each wrong answer, i.e.; 1 mark will be awarded for each correct answer and 0.33 marks will be deducted for each wrong answer.
  4. Applicant has to secure 32 marks out of 80 marks for passing the Written Test.
  5. Passing marks for applicants belonging to reserved categories in Technician 'B' and Draughtsman 'B' posts will be 24 marks out of 80 marks, wherever a post is reserved for the respective category.
- 6.2.**
1. The Syllabus for Written Test for **Fireman 'A' post [Post Code: 008]** is:
    - i. Basic chemistry with reference to flammable liquids and gases
    - ii. LPG properties
    - iii. Relation between Pressure, volume and temperature
    - iv. Areas of triangle, rectangle and parallelogram
    - v. Volumes of cylinders, cones, sphere and cuboid
    - vi. Properties of Water, CO<sub>2</sub>, O<sub>2</sub>, H<sub>2</sub>, Inert gases
    - vii. Basic concept in the use of electricity and its hazards
    - viii. Simple Arithmetic (of Class X standard)
    - ix. Basic English
    - x. General Knowledge and Current Affairs
  2. The Written Test will comprise of 100 Multiple Choice Questions with a duration of 120 minutes (2 hours).
  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. Applicant has to secure 50% marks for passing the Written Test.

6.3. 1. The Syllabus for Written Test for **Heavy Vehicle Driver 'A' post [Post Code: 010]** and **Light Vehicle Driver 'A' post [Post Code: 030]** 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 8<sup>th</sup> 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 10<sup>th</sup> 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 in India

2. The Written Test will comprise of 100 Multiple Choice Questions as described above with a duration of 120 minutes (2 hours).
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 has 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.

## **7. SYLLABUS FOR SKILL TEST**

7.1. 1. The Syllabus for Skill Test for **Technical Assistant, Technician B** and **Draughtsman B** posts having post codes **013, 018, 001, 019, 026, 003, 015, 020, 014, 007, 031, 005 and 027** is purely based on the Curriculum (Academic Syllabus) of the prescribed Educational Qualification.

2. 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 50 marks for qualifying.
3. Passing marks for applicants belonging to reserved categories in Technician B and Draughtsman B posts will be 40 marks out of 100 marks, wherever a post is reserved for the respective category.
4. The applicants who had qualified in the Written Test will be shortlisted for the Skill Test in 1:5 ratio with a minimum of 10 applicants for a post.



- 7.2. 1. The Skill Test for **Heavy Vehicle Driver 'A' post [Post Code: 010]** and **Light Vehicle Driver 'A' post [Post Code: 030]** will be driving test.
2. 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.
3. No relaxation of marks is applicable in the Skill Test for any category of applicants.
4. The applicants who had qualified in the Written Test will be shortlisted for the Skill Test in 1:10 ratio.

- 7.3. 1. The Skill Test (Physical Efficiency Test) for **Fireman 'A' post [Post Code: 008]** will be as follows.
2. The applicants who had qualified in the Written Test and meeting the prescribed Preliminary Medical Examination (PME) norms will be shortlisted for the Skill Test in 1:50 ratio.
3. The Skill Test will be purely of qualifying nature.
4. The shortlisted applicants shall participate in the PET at his/her own risk and volition. No compensation, whatsoever, is payable for any injury, disability (temporary/permanent), death, etc., attributable wholly/partially/directly/indirectly, to the applicant's participation in the PET. A suitable declaration to this effect should be submitted by the applicants shortlisted for the Skill Test while attending the Skill Test.
5. The Physical Efficiency Test will be conducted in two stages. Those applicants who qualify in Stage 1 PET shall be allowed to undergo Stage 2 PET.
6. Those applicants who qualify in Stage 2 PET shall be allowed to undergo Detailed Medical Examination.
7. Qualifying in all the events in PET is mandatory and if any applicant gets disqualified in any of the event he/she will not be allowed to proceed for further events.
8. Those applicants who qualify in Detailed Medical Examination subsequent to PET shall be considered for empanelment in the order of Written Test marks.
9. List of events and Qualifying Criteria for Physical Efficiency Test

Sl. No.	Events	Qualification Criteria for applicants of age			
		Age upto 40 years		Age above 40 years	
		Male	Female & Transgender	Male	Female & Transgender
<b><u>STAGE 1</u></b>					
1.	1500 metres Run	7 minutes	---	8 minutes	---
	800 metres Run	---	4 minutes	---	5 minutes
<b><u>STAGE 2</u></b>					
1.	Rope climbing (using only hands)	5 metres from ground level	4.5 metres from ground level	4.5 metres from ground level	4 metres from ground level
2.	Carrying a human dummy by Fireman's lift***	90 metres in 60 seconds	90 metres in 75 seconds	90 metres in 75 seconds	90 metres in 90 seconds
3.	Long Jump	3.8 metres	3.5 metres	3.5 metres	3.2 metres
4.	100 metres Run (Shoes with spikes not allowed)	15 seconds	16.5 seconds	16.5 seconds	18 seconds

\*\*\* The weight of human dummy will be 64 kg for Men and 50 kg for Women/ Transgender

10. 3 attempts will be allowed in Long Jump event alone [only 1 attempt will be provided in all other events]. **"BEST OF 3 ATTEMPTS"** will be considered for qualifying in the Long Jump event. The applicants who attain the qualifying standard in an attempt may not be required to perform the balance attempts.

## 8. **HOW TO APPLY**

- i. Applications will be received **ONLINE ONLY**.
- ii. Applicants may visit **Careers** page of **IPRC Website ([www.iprc.gov.in](http://www.iprc.gov.in))** from **27.03.2023, 10:00 Hrs** until **24.04.2023, 16:00 Hrs** for submitting online application.
- iii. The applicants registered under National Career Services (NCS) portal and fulfilling the eligibility conditions may visit Careers page of IPRC website and follow the application procedure.
- iv. Other forms of applications viz. Physical Applications/e-Mails/Submission of Biodata/Resume/CV etc. will not be entertained.
- v. **All further communications to eligible applicants regarding online Computer Based Test/Skill Test will be sent through e-Mail only.** Therefore, the applicants are advised to furnish their e-Mail ID **CORRECTLY and COMPULSORILY** upon ONLINE registration.
- vi. **Uploading of Recent Photograph and Signature of the applicant**
  - Photograph should be taken in a formal dressing with light shaded background.
  - The full face and eyes of the applicants should be clear in the photograph.
  - Applicants should not be wearing head gears (caps or hats) or eye shades (sunglasses) or similar accessories in the uploaded photograph.
  - Those who normally wear spectacles should ensure that their eyes are clearly visible in the photograph without any reflections.
  - The file format of the photograph shall be .jpg/.jpeg with maximum file size of 50KB.
  - Signature shall be made with blue ink pen in white paper.
  - The file format of the Signature shall be .jpg/.jpeg with maximum file size of 50KB.
  - **The filename of the above images should not contain any blank spaces or special characters or numbers.**
  - **Applications with inappropriate/obscene images or casual photographs or self taken images (selfie) will be rejected.**
  - **Applications in which applicants' photograph/signature is not clear will be rejected.**
  - **Applicant should ensure that only virus free image is uploaded. In case, any malware is detected in the uploaded photo, the application will be rejected.**
- vii. **Uploading of Certificates/Testimonials**
  - Applicant should upload scanned copies of the following certificates/testimonials combined in a **single PDF file not exceeding 10 MB size.**

SI No	Name of the Post & Post Code	Certificates to be uploaded
01	Technical Assistant [013, 018, 001, 019, 026]	<ol style="list-style-type: none"><li>1. Certificate and Marksheet in respect of SSLC/SSC/Matriculation/X Standard</li><li>2. Certificate and Marksheet in respect of HSC/XII Standard (if applicable)</li><li>3. Certificate and Marksheets in respect of Diploma Qualification</li><li>4. Aadhaar Card (PAN Card or Voters ID or Driving License in the absence of Aadhaar)</li><li>5. Caste/Community/Income&amp;Asset Certificate for applicants belonging to SC/ST/OBC/EWS category (if applicable)</li><li>6. Disability Certificate for applicants belonging to PwBD category (if applicable)</li><li>7. Discharge Certificate for applicants belonging to Ex-Serviceman category (if applicable)</li><li>8. Permission of present employer for applying for the post (if employed)</li><li>9. Bank Passbook front page (for refund purpose)</li></ol>

SI No	Name of the Post & Post Code	Certificates to be uploaded
02	Technician 'B'/ Draughtsman 'B' [003, 015, 020, 014, 007, 005, 027]	<ol style="list-style-type: none"> <li>1. Certificate and Marksheet in respect of SSLC/SSC/Matriculation/X Standard</li> <li>2. Certificate and Marksheet in respect of HSC/XII Standard (if applicable)</li> <li>3. Certificate and Marksheets in respect of ITI Qualification</li> <li>4. Aadhaar Card (PAN Card or Voters ID or Driving License in the absence of Aadhaar)</li> <li>5. Caste/Community/Income&amp;Asset Certificate for applicants belonging to SC/ST/OBC/EWS category (if applicable)</li> <li>6. Disability Certificate for applicants belonging to PwBD category (if applicable)</li> <li>7. Discharge Certificate for applicants belonging to Ex-Serviceman category (if applicable)</li> <li>8. Permission of present employer for applying for the post (if employed)</li> <li>9. Bank Passbook front page (for refund purpose)</li> </ol>
03	Heavy Vehicle Driver 'A' [010]/ Light Vehicle Driver 'A' [030]	<ol style="list-style-type: none"> <li>1. Certificate and Marksheet in respect of SSLC/SSC/Matriculation/X Standard</li> <li>2. Certificate and Marksheet in respect of HSC/XII Standard (if applicable)</li> <li>3. Aadhaar Card (PAN Card or Voters ID or Driving License in the absence of Aadhaar)</li> <li>4. Driving License</li> <li>5. Public Service Badge</li> <li>6. Caste/Community/Income&amp;Asset Certificate for applicants belonging to SC/ST/OBC/EWS category (if applicable)</li> <li>7. Discharge Certificate for applicants belonging to Ex-Serviceman category (if applicable)</li> <li>8. Certificates supporting Previous Experience</li> <li>9. Permission of present employer for applying for the post (if employed)</li> <li>10. Bank Passbook front page (for refund purpose)</li> </ol>
04	Fireman 'A' [008]	<ol style="list-style-type: none"> <li>1. Certificate and Marksheet in respect of SSLC/SSC/Matriculation/X Standard</li> <li>2. Certificate and Marksheet in respect of HSC/XII Standard (if applicable)</li> <li>3. Aadhaar Card (PAN Card or Voters ID or Driving License in the absence of Aadhaar)</li> <li>4. Caste/Community/Income&amp;Asset Certificate for applicants belonging to SC/ST/OBC/EWS category (if applicable)</li> <li>5. Discharge Certificate for applicants belonging to Ex-Serviceman category (if applicable)</li> <li>6. Permission of present employer for applying for the post (if employed)</li> <li>7. Bank Passbook front page (for refund purpose)</li> <li>8. Physical Medical Examination (PME) Certificate</li> </ol>

- The format of the file shall be .pdf with maximum file size of 10 MB.
- The scanning should be done in such as way that the contents should be clear.
- **The filename of the above pdf files should not contain any blank spaces or special characters or numbers.**
- **Applications with file containing inappropriate/obscene contents will be rejected.**
- **Applications in which the contents are not clear will be rejected.**
- **Applicant should ensure that only virus free file is uploaded. In case, any malware is detected in the uploaded file, the application will be rejected.**

- viii. **IT MAY BE CLEARLY NOTED THAT ONLINE APPLICATION ONCE SUBMITTED CANNOT BE EDITED LATER. HENCE, APPLICANTS ARE ADVISED TO VERIFY WHETHER, ALL THE DETAILS ENTERED IN THE APPLICATION ARE CORRECT, BEFORE FINAL SUBMISSION OF THE APPLICATION.**
- ix. 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, applicants **should avoid** submission of multiple applications for the same post.
- x. On submission of Online Application, an **APPLICATION FORM** will be generated containing all the details entered in the online application. The applicant may download and preserve the same for future references. The APPLICATION FORM can be downloaded later also through the link provided in the advertisement page.
- xi. The applicant **NEED NOT** send printout of the APPLICATION FORM or any other documents to IPRC.

#### 9. **CHOICE OF CITY FOR ONLINE COMPUTER BASED TEST**

- i. The online Computer Based Test (CBT) will be held across various cities mentioned in **Annexure B**. The applicants have to make their choice of city for CBT while submission of online application. **It may be noted that the choice once made cannot be changed later under any circumstance.**
- ii. **IPRC reserves the right to change/cancel any of the CBT test centre and reallocate the applicants to another CBT test centre owing to unforeseen/ administrative reasons.**

#### 10. **APPLICATION FEE**

- i. The Application Fee prescribed for each posts is described below.

Post Code(s)	Name of the Post	Application Fee
013, 018, 001, 019, 026	Technical Assistant	Rs.750/-
003, 015, 020, 014, 007, 031, 005, 027, 008, 030, 010	Technician 'B'/Draughtsman 'B'/Fireman 'A'/ Light Vehicle Driver 'A'/Heavy Vehicle Driver 'A'	Rs.500/-

- ii. All applicants have to pay the Application Fee.
- iii. The application fee is being 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
  - Debit Cards (Domestic)
  - Credit Cards (Domestic)
  - Pre Paid Cards (Domestic)
  - Unified Payment Interface
  - Wallets
- iv. **Payment of Application Fee in any other form like cash remittance, cheque, draft, money order, IPO, etc. are not allowed.**
- v. Application fee can be paid immediately after submitting online application by clicking the **"MAKE PAYMENT"** button or later on any day before the last date for submission of online application, i.e. 24.04.2023 using the link provided in the advertisement page. [Applicants making online payment may kindly note that IPRC shall not be responsible for pending transactions or transaction failures. Applicants may contact their Banks and ensure successful payment of application fee. Ensuring a 'successful payment' from "Payment Status" link in ISRO's website is mandatory for the applicants].

- vi. Do not click REFRESH or BACK button during entire payment process else the session will be aborted.
- vii. Please follow the instructions of the payment gateway for making successful payment.
- viii. Applicants can check Payment status **after 24 hrs of their payment successful** and Print Receipt by visiting "Payment Status" link available in advertisement page. In case of pending transactions or transaction failures applicants are advised to contact their Banks and ensure successful payment of application fee.

**11. REFUND OF APPLICATION FEE**

- i. Refund in the following given rates will be granted **only to** such applicants **who appear in the online Computer Based Test (CBT)**.

Post Code(s)	Name of the Post	Refund Amount	
		Applicants belonging to Fee Exempted Categories**	Other Applicants
013, 018, 001, 019, 026	Technical Assistant	Rs.750/-	Rs.500/-
003, 015, 020, 014, 007, 031, 005, 027, 008, 030, 010	Technician 'B'/ Draughtsman 'B'/ Fireman 'A'/ Light Vehicle Driver 'A'/ Heavy Vehicle Driver 'A'	Rs.500/-	Rs.400/-

**\*\* Applicants belonging to SC, ST, Ex-serviceman, Persons with Benchmark Disabilities categories and Women applicants belong to Fee exempted categories.**

- ii. Refund of application fee will not be done in any other scenarios and no such requests will be entertained.
- iii. The applicants shall **correctly furnish Bank details** for the purpose of Refund of application fee viz. **Name of Account Holder, Account No., Name of Bank, Name of Branch and IFSC Code**. Scanned copy of the front page of the bank passbook for the furnished account should also be included in the PDF file uploaded by the applicant containing certificates/ testimonials prescribed at Point No.8 (vii) above.
- iv. IPRC 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.

**12. DOCUMENTS TO BE SUBMITTED DURING SKILL TEST**

- a. The applicants **NEED NOT SEND/SUBMIT ANY DOCUMENTS/CERTIFICATES/ APPLICATION FORM PRINTOUT** to IPRC directly/through post after submission of Online Application.
- b. However, the applicants shall be liable to produce the originals of all documents uploaded in the online application portal listed in Point No.8 (vii) above during the Skill Test or whenever required by IPRC.
- c. Applicants who are currently employed under Central Government/State Government/Public Sector Undertaking/Quasi-Government/Autonomous Bodies should mandatorily produce '**No Objection Certificate**' from the present employer during Skill Test.
- d. **Those who fail to produce the above documentary evidences during Skill Test will not be allowed to attend the Skill Test and Travelling Allowance will not be paid.**

**13. GENERAL CONDITIONS**

- i. Rounding off of marks is not permitted during selection process.
- ii. Initially the place of posting will be in IPRC, Mahendragiri, Tirunelveli District, Tamil Nadu. However, the applicants are liable to be posted in any of the Centres or Units of ISRO or Department of Space situated anywhere in India as and when required.
- iii. For details of ISRO Centres/Units, please visit [http://www.isro.gov.in/isro\\_centres.html](http://www.isro.gov.in/isro_centres.html).
- iv. Applicants called for and attending the Skill Test will be reimbursed to and fro second-class train fare by the shortest route from the city indicated in the online application to the place of Skill Test (change of address and city for this purpose will not be entertained).
- v. Selected applicants may have to report for duty immediately on completion of Character & Antecedents Verification and being found medically fit by a Medical Officer not less than the rank of Civil Surgeon/designated Medical Board.
- vi. **IPRC reserves the right not to fill-up any of the posts, if it so decides.**
- vii. Those intending to apply for more than one post should submit separate applications for each post and payment of application fee should be made separately.
- viii. **GOVERNMENT STRIVES TO HAVE A WORKFORCE WHICH REFLECTS GENDER BALANCE. HENCE, WOMEN APPLICANTS ARE ENCOURAGED TO APPLY.**
- ix. **CANVASSING in ANY FORM will be a DISQUALIFICATION.**
- x. In case of any ambiguity/dispute arises on account of interpretation of Hindi version of this notification, instructions detailed in the English version shall be final.
- xi. No interim correspondence will be entertained. **Telephonic conversations are strictly not entertained.**
- xii. In case of any clarification, applicants may refer to the FAQs provided in the advertisement page and if the doubt still persists, the query shall be addressed to [career@iprc.gov.in](mailto:career@iprc.gov.in).
- xiii. **Queries about information already available in the Advertisement/FAQs and frivolous queries will not be replied to.**
- xiv. Applicants should periodically visit Careers page of IPRC website for updates.

**14. IMPORTANT DATES TO REMEMBER**

Opening Date of Online Registration	:	March 27, 2023   10.00 Hrs
Closing Date of Online Registration	:	April 24, 2023   16.00 Hrs

**JOIN IPRC/ISRO AND EXCEL IN YOUR CAREER.  
TOGETHER WE CAN ENDEAVOR IN HEIGHTENING THE INDIAN SPACE  
PROGRAMME AND TOWARDS NATIONAL DEVELOPMENT.**

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