



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/2016/01 dated 05.08.2016**

ISRO Propulsion Complex (IPRC) located at Mahendragiri, Tirunelveli District, Tamil Nadu is a lead Unit in the area of Liquid and Cryogenic Propulsion for ISRO's Launch Vehicle and Spacecraft Programmes. IPRC is responsible for Research & Development of Earth Storable/Cryogenic & Semi Cryogenic Propulsion Systems; Assembly, Integration and Testing of Engines, Stages for PSLV, GSLV and GSLV MKIII 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 Cryogenic Propellants for ISRO's Cryogenic Rocket Programmes; Supply of Storable Liquid 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 the following posts:

Code No.	Discipline	No. of Vacancy (ies)	Essential Qualification	Mode of Selection***
<b>Technical Assistant (Pay Band ₹9300-34800/- + Grade Pay ₹4600/-)</b>				
013	Mechanical	04 (UR - 02, OBC - 01, SC - 01)	First Class Diploma in Mechanical Engineering	Written Test + Skill Test (Curriculum based)
018	Electronics	04 (UR - 02, OBC - 01, SC - 01)	First Class Diploma in Electronics Engineering	
019	Computer Science	01 (UR - 01)	First Class Diploma in Computer Science Engineering	
<b>Technician 'B' (Pay Band ₹5200-20200/- + Grade Pay ₹2000/-)</b>				
003	Fitter	03 (UR - 02, OBC - 01)	SSLC/SSC pass ITI in Fitter Trade NCVT with NTC/NAC	Written Test + Skill Test (Curriculum based)
020	Welder	01 (OBC - 01)	SSLC/SSC pass ITI in Welder Trade NCVT with NTC/NAC	
015	Electronics	02 (UR - 01, SC - 01)	SSLC/SSC pass ITI in Electronic Mechanic Trade NCVT with NTC/NAC	
<b>Medical Officer 'SC' (Pay Band ₹15600-39100/- + Grade Pay ₹5400/- + NPA @ 25% of Basic pay)</b>				
017	Medical Officer 'SC'	01	MBBS from a recognised University registered with Medical Council of India (candidates possessing grades below II class need not apply) 2 Years Experience in a reputed hospital Permanent registration from Medical Council of India.	Interview
<b>Fireman 'A' (Pay Band ₹5200-20200/- + Grade Pay ₹1900/-)</b>				
008	Fireman 'A'	05 (UR - 03, OBC-02)	SSLC/SSC pass Should satisfy the prescribed Physical Fitness/Endurance Test Standards	Written Test + Skill Test
<b>Driver-cum-Operator 'A' (Pay Band ₹5200-20200/- + Grade Pay ₹2000/-)</b>				
016	Driver-cum-Operator 'A'	01 (SC-01)	SSLC/SSC pass with valid HVD license 3 years experience as HVD (should have been acquired after obtaining license) Should satisfy the prescribed Physical Fitness/Endurance Test Standards	Written Test + Skill Test

[ UR - Un-reserved, OBC - Other Backward Class, SC - Scheduled Caste ]

\*\*\* Please note that the qualification prescribed is the minimum requirement and the same does not automatically make candidates eligible for Written Test/Interview. However, based on the On-line applications received, initial screening will be conducted for shortlisting the candidates for further processing. The Centre may adopt the method of conducting initial screening by fixing a higher cut-off percentage of marks scored in the essential qualification. It may also be noted that the above mode of selection may change as per Govt. of India/DOS orders from time to time.

### **MODE OF SELECTION**

The final selection will be done amongst qualified candidates, purely based on the scores obtained by them in the Written Test. From amongst candidates who qualify in the Skill test, with minimum 60% marks, empanelment shall be done in the order of marks obtained in the written test. Skill test, wherever prescribed will be purely on 'go-no-go' basis and marks obtained in the skill test shall not be considered for selection. In case of a tie in written test scores, the academic scores of the notified qualification shall be the tie breaker.

### **AGE LIMIT (as on 17.08.2016)**

Post Code	Age Limit (as on 17.08.2016)	Age Relaxation
013, 018, 019 003, 020, 015	35 years	Age relaxation is applicable for SC/ST candidates (5 years) and OBC candidates (3 years) <b>for posts reserved for them</b> . Ex-Servicemen and Persons with Disabilities (PWD) are eligible for upper age relaxation as per Government of India Rules.
008, 016	25 years	
017	35 years	Ex-Servicemen and Persons with Disabilities (PWD) are eligible for upper age relaxation as per Government of India Rules.

### **APPLICATION FEE**

There will be a **non-refundable** Application Fee as given below:

Post Code	Fee
013, 018, 019, 017	₹250/- (Rupees Two Hundred and Fifty only)
003, 020, 015, 008, 016	₹100/- (Rupees One Hundred only)

Payment of Application Fee shall be made by remittance through any branch of State Bank of India by a challan which will be provided on On-line application. **Payment of Application Fee in any other form like cash, cheque, draft, money order, IPO, etc. are not allowed.**

**Women candidates; Scheduled Castes (SC)/ Scheduled Tribes (ST); Ex-serviceman [EX] and Persons with Disabilities (PWD) candidates are exempted from payment of Application Fee.**

### **HOW TO APPLY**

- i. Applications will be received **ON-LINE ONLY**. Physical applications will not be entertained.
- ii. For applying **ON-LINE** click on the **Name of the Post** for which application is to be submitted. Fill in all the requisite information correctly. After filling the information, there will be an opportunity to verify your credentials. If any corrections have to be made, click **PREV STEP** button and make necessary corrections. After verifying and ensuring that the information entered are correct, click **SUBMIT**, after which no modifications could be made.

- iii. The applicants should furnish their **e-Mail ID CORRECTLY and COMPULSORILY** upon ON-LINE registration. All further intimations to eligible candidates for Test/Interview will be sent through **e-Mail only**.
- iv. After confirmation, your **ONLINE REGISTRATION NUMBER** will be displayed on the screen. Carefully note down and preserve this **ONLINE REGISTRATION NUMBER** for future references.
- v. A **Personalised Fee Payment Challan**, in triplicate, containing the Name of the candidate, Registration Number, Receipt Account Number, Advertisement No. and Post Code; and **Application Acknowledgement Form** will be automatically generated while registering ON-LINE application.
- vi. The candidate has to download **Personalised Fee Payment Challan** and **Application Acknowledgement Form** from the link given in the Advertisement page by providing necessary details such as Registration No. and Date of Birth.
- vii. The candidates may visit the nearest branch of State Bank of India (SBI) for remittance of application fee on any working day between 05.08.2016 and 17.08.2016. Upon remittance, one copy [Bank Copy] of the Challan form will be retained by the Bank and remaining parts [Applicant Copy] and [ISRO Copy] will be given to the candidate.
- viii. The confirmation copy should be duly signed and a recent passport size photograph should be duly affixed and self attested in the space provided along with [ISRO Copy] of the fee payment Challan should be mandatorily sent by **ORDINARY POST** (no Speed-Post or Registered-Post shall be sent) to;

**THE ADMINISTRATIVE OFFICER  
RECRUITMENT SECTION,  
ISRO PROPULSION COMPLEX (IPRC),  
MAHENDRAGIRI POST,  
TIRUNELVELI DISTRICT, TAMIL NADU – 627 133.**

- ix. Applicants who are currently employed under Central/State Govt./Public Sector Undertaking/Autonomous Organisation should send the confirmation copy generated after registering the ON-LINE application **Through Proper Channel**. **If they anticipate any delay in forwarding their applications, they should send an advance copy of the print-out to the address mentioned above so as to reach before the due date.** However, such candidates will be allowed to attend the test/interview only on production of **No Objection Certificate** from their employer.
- x. The Name and full Address of the candidate should be written neatly and legibly on the left-hand bottom side of the postal cover comprising the above documents. The cover shall be super-scribed "APPLICATION FOR THE POST OF \_\_\_\_\_ <name of the post> \_\_\_\_\_"
- xi. The above documents should reach within seven days of ON-LINE registration or in any case not later than **26.08.2016 16.00 Hrs failing which the application registered ON-LINE will not be considered.**
- xii. **The applicant need not send any other documents such as copies of certificates/mark lists in proof of educational qualification, work experience, age etc.**
- xiii. On-line application will be accepted until **17.08.2016, 16:00 Hrs.**

**DOCUMENTS TO BE SENT BY CANDIDATES TO RECRUITMENT SECTION, IPRC**

Candidates belonging to	Documents to be Sent
Women candidates; Scheduled Castes (SC)/ Scheduled Tribes (ST); Ex-serviceman [EX] and Persons with Disabilities (PWD) candidates	Confirmation Copy [duly signed and a recent passport size photograph duly affixed and self attested in the space provided]
Other Backward Classes (OBC) and General candidates	Confirmation Copy [duly signed and a recent passport size photograph duly affixed and self attested in the space provided] [ISRO Copy] of the fee payment Challan

## **PRESCRIBED TEST STANDARDS FOR POST CODES 008 & 016**

### **Syllabus for Written Test**

- Basic chemistry with reference to flammable liquids and gases
- LPG properties
- Relation between
  - Pressure, volume and temperature
  - Areas of triangle, rectangle and parallelogram
  - Volumes of cylinders, cones, sphere and cuboid
- Properties of Water, CO<sub>2</sub>, O<sub>2</sub>, H<sub>2</sub>, Inert gases
- Basic concept in the use of electricity and its hazards
- Simple Arithmetic (of Class X standard), Basic English, General Knowledge and Current Affairs

### **Physical Fitness Standards**

01. No deformity (inter-alia, bow legs, knock knees or flat foot shall be a disqualification)
02. Height - 165 cm (minimum)
03. Weight - 50 kg (minimum)
04. Chest - 81 cm (minimum)  
Chest on expansion - 86 cm (minimum)
05. Distant Vision - 6/6 without glasses or any other aid
06. Near Vision - Normal, but presbyopic correction for persons above 40 years
07. Night blindness is a disqualification
08. Colour blindness is a disqualification
09. Each eye must have full field of vision
10. Squint or any other morbid condition of the eyes, or of the eyelids of either eye liable to the risk of aggravation or recurrence, shall be deemed to be a disqualification.

### **Syllabus for Practical Test**

- Putting out general fire with available material like water, sand etc.
- Finding volumes, areas of given samples
- Action in case of electrical fire
- Carrying injured person

### **Physical Endurance Standards**

SI No	Events	Qualification Criteria
01.	100 metres run	13 sec
02.	High Jump	5 ft (152.40 cm)
03.	Long Jump	17 ft (5.19 m)
04.	Putting the shot of 7.27 kg (16 lbs)	24 ft (7.32 m)
05.	Throwing the Cricket ball	225 ft (68.58 m)
06.	Rope climbing (only hands)	14 ft (4.27 m)
07.	Pull-ups	10 Nos.
08.	1500 metres run	5 min 15 sec

**Out of the above 8 events, candidates should select and qualify in atleast five. For qualifying in each event, minimum Two Star rating is essential.**

### **GENERAL CONDITIONS**

- a. Only Indian Nationals are eligible to apply.
- b. The posts are temporary, but likely to continue indefinitely.
- c. Rounding off of marks not permitted.
- d. Those who possess the required qualification as on the last date of application only need to apply. Further selection process will be carried out on the basis of the information entered by the candidates in the On-line Application. Hence, any mismatch found in future at any stage of the recruitment process will summarily reject the candidature of the candidate.
- e. The essential qualifications for the above posts should have been acquired from a recognized State Board/University.
- f. Candidates will have to produce original documents in proof of the details such as qualifications, work experience, age, caste etc. furnished in their application including No-Objection certificate from current employer, in case candidate is employed, at the time of Written Test/Skill Test for verification. **Those who fail to produce the said documents will not be allowed to attend the Written Test/Skill Test.**
- g. Initially the place of posting will be in IPRC, but the incumbents 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.
- h. For the above posts, the Organization has a progressive HRD policy and provides an excellent growth potential through its Merit Promotion Scheme where the employees are reviewed and promoted to next grade on merit after a prescribed residency period without reference to vacancies.
- i. Attractive benefits such as Medical (CHSS - Contributory Health Service Scheme) for self and dependents, Subsidized Canteen, Transport in lieu of Transport Allowance, Quarters in lieu of House Rent Allowance and other social security measures are provided to ISRO employees in addition to the facilities available to other Central Government employees such as House Building Advance, Leave Travel Concession, National Pension Scheme etc. The Unit also has a well-stocked Library that provides an excellent opportunity for professional development.
- j. The Unit reserves the right not to fill-up any of the posts, if it so decides.
- k. Those intending to apply for more than one post should send separate applications for each post.
- l. **GOVERNMENT STRIVES TO HAVE A WORKFORCE WHICH REFLECTS GENDER BALANCE. HENCE, WOMEN CANDIDATES ARE ENCOURAGED TO APPLY.**
- m. CANVASSING in ANY FORM will be a DISQUALIFICATION.
- n. No interim correspondence will be entertained. Any urgent queries or grievances shall be addressed to [career@iprc.gov.in](mailto:career@iprc.gov.in).

**IMPORTANT DATES TO REMEMBER**

Opening Date of On-line Registration	:	August 05, 2016 10.00 Hrs
Closing Date of On-line Registration	:	August 17, 2016 16.00 Hrs
Last Date of Remittance of Fee	:	August 17, 2016 (bank working hours apply)
Last Date of sending Confirmation Copy and [ISRO Copy] of Fee Challan	:	August 26, 2016 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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