



Government of India, Department of Space  
 Indian Institute of Space Science and Technology  
 [Declared as Deemed to be University under Sec.3 of the UGC Act 1956]  
 Valiamala PO, Thiruvananthapuram -695 547, Kerala

**Application for Research / Project Staff (Online Application only)**

Indian Institute of Space Science and Technology (IIST) invites application for the following Research / Project Staff positions to work in the different Research Projects:

Sl. No.	Category No.	Qualification / Skill	Project Title	No. of Positions
<b>Junior Research Fellow (JRF)</b>				
1	JRF-08/2018	<p>Master degree in Remote Sensing / Remote Sensing &amp; GIS / Geo-informatics or related areas with GATE / UGC-CSIR-NET JRF / Lectureship / KSCSTE fellowship.            Desirable:- Exposure in programming, willing to work in the forests of mangrove wetlands.</p> <p style="text-align: center;"><u>Syllabus for written test</u></p>	<p>Monitoring the health of mangroves of Maharashtra state using near real time satellite remote sensing data.            (Externally Funded Project)</p>	1
2	JRF-09/2018	<p>Master degree in Physics / Astrophysics /Astronomy / Space Sciences or BS-MS in Physics or related areas or B.Tech in Physical Sciences with GATE in Physics / JEST score in Physics or UGC-CSIR NET in Physics.</p>	<p>Study of radio counterparts of Gamma Ray Bursts and Gravitational Wave triggers.            (SERB-Extra Mural Research Fund)</p>	1
<b>Senior Project Fellow (SPF)</b>				
3	SPF-12/2018	<p>ME/M.Tech or equivalent in Electronics or related areas.            Desirable:- Knowledge in Instrumentation / Circuit.</p>	<p>Design and Development of High Performance H2 Sensor.</p>	1
4	SPF-13/2018	<p>ME/M.Tech or equivalent in Structural Engineering, Applied Mechanics or related areas with B.Tech in Civil, Mechanical, Production, Aerospace, Aircraft engineering streams.            Desirable:- Knowledge in structural mechanics</p>	<p>Structural Reliability of thin cylindrical and spherical shells used for Aerospace Structure.</p>	1

Junior Project Fellow (JPF)				
5	JPF-10/2018	BE/B.Tech or equivalent in Electrical / Electronics / Electronics & Communication Engineering or related areas. Experience in executing hardware projects involving Arduino boards or Raspberry pi to read sensors like IMU, camera and drive motors; mixed signal design, PCB design, power electronics etc., is preferred.	Development of experimental rover and investigation of mobility and approaches for local and global motion planning on uneven terrain.	1

**Age limit:** 35 years as on 31.08.2018 (Age relaxation as per Government of India rules).

**Remuneration per month (Consolidated):**

Category Code	Remuneration
JRF-08 & 09/2018	Rs. 25,000/- + HRA
SPF-12 & 13/2018	Rs. 22,000/-
JPF-10/2018	Rs. 20,000/-

**General Conditions/ Instructions:**

- 1) Only Indian Nationals need apply.
- 2) All degrees mentioned above should be in FIRST CLASS. Candidates should possess the required qualification as on the last date for receipt of application.
- 3) Candidates are advised to upload the relevant mark sheets and the Degree / PG certificate at the time of registering the online application.
- 4) The tenure of the position is for a period of One year or co-terminus with the project whichever is earlier. The tenure is extendable on performance and need basis subject to availability of funds. For JPF-10/2018 the tenure is **SIX** months only.
- 5) The Institute reserves the right to terminate the appointment at any time before completion of the tenure / project, if it so decides.
- 6) Application received online only will be considered for processing under any circumstances.
- 7) The applicants will not be allowed to make any changes in the profile registration once submitted. Hence utmost care should be taken by the candidates while filling the profile.
- 8) Facility for **online submission** of application will be **available from 10.08.2018 (1600hrs onwards) to 31.08.2018 (upto1700hrs)**.
- 9) A 'No Objection Certificate' from the employer concerned is required in respect of those applicants who are employed under Central/State Government/Public Sector Undertakings/ Autonomous Bodies.
- 10) Only short listed candidates will be called for written test/interview, as the case may be, based on merit.
- 11) Candidates shortlisted for written test / interview will be intimated through e-mail id mentioned in their online application.

- 12) Shortlisted candidates belonging to SC/ST/OBC/PWD should produce copies of the relevant certificates issued by the Competent Authority to that effect.
- 13) Outstation candidates called for interview will be paid 'to and fro' Second class Railway Fare by the shortest route including reservation / sleeper charges on production of proof of journey such as Railway Tickets / Bus Tickets, etc. If the candidates travel in higher class of accommodation than the one prescribed, only Second class rail fare excluding the reservation charges / sleeper charges will be paid. The applicants are advised to make their own arrangements for their stay at Thiruvananthapuram, at their cost.
- 14) No interim correspondence will be entertained.
- 15) Canvassing in any form will be a disqualification.
- 16) Government strives to have a work force which reflects gender balance and women candidates are encouraged to apply.
- 17) Candidates who are selected for the positions have to join IIST by the specified date.
- 18) Project Fellows are not entitled for hostel facility at IIST.
- 19) Candidates are advised to refer the IIST website <https://www.iist.ac.in/career/3> for any updates.

**Advt. No. IIST/Admn/RMT/11(a)/2018 dated 09.08.2018**