

भारत सरकार/ Government of India  
अंतरिक्ष विभाग/ Department of Space  
भारतीय राष्ट्रीय अंतरिक्ष संवर्धन एवं प्राधिकरण केंद्र  
Indian National Space Promotion and Authorization Centre  
अहमदाबाद Ahmedabad – 380058

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No. IN-SPACe: 01:2023

July 03, 2023

**विषय/Sub:** Filling up of posts of Deputy Directors & Assistant Directors in the Indian National Space Promotion and Authorisation Centre (IN-SPACe), on Deputation basis - reg.

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It is proposed to fill up the following posts in the Directorates of the Indian National Space Promotion and Authorisation Centre (IN-SPACe) on Deputation basis from the eligible Central Government Employees:

Post No.	Name of the Post	Pay Level in the Pay Matrix	Entity/ Directorate	Area of Specialisation & No. of Posts	Place of operation of post
1	Deputy Director	13A/13	Technical	<ul style="list-style-type: none"><li>Launch Vehicle – 01</li><li>Earth Observation Applications – 01</li></ul>	<b>Ahmedabad</b>
2.	Assistant Director	12/11		<ul style="list-style-type: none"><li>Launch Vehicle – 01</li><li>Earth Observation Applications – 02</li></ul>	
3.	Deputy Director	13	Programme Management & Authorization	<ul style="list-style-type: none"><li>Earth Observation Applications – 01</li></ul>	
4.	Deputy Director/ Assistant Director	13/12/11		<ul style="list-style-type: none"><li>Spectrum Management - 01</li></ul>	

2. The terms and conditions of deputation will be broadly as contained in the DoP&T OM No. 6/8/2009-Estt. (Pay II) dated the 17.06.2010, as amended from time-to-time.

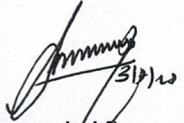
3. The eligibility criteria and general terms and conditions are at **Annexure - A**. The job Description, Expertise, Educational Qualifications/Experience required for the above-mentioned posts are as at **Annexure – B**.

4. In this connection, it is requested that the above requirement may kindly be circulated in the your Department/Ministry/Centre/Unit and applications may be called for, from the eligible and willing employees in the enclosed Proforma (**Annexure - C**). The applications along with bio-data, attested copies of Annual Performance Appraisal Reports for the last five years and Vigilance Clearance Certificate may kindly be forwarded to the below mentioned address within 30 days from the date of publication of the Advertisement in **Employment News i.e. on or before 07.08.2023**. Incomplete/late applications will not be considered and will be rejected summarily.

Assistant Director (P&GA)  
IN-SPACE Headquarters  
Department of Space  
Bopal-Chilaj Road  
Bopal  
Ahmedabad  
Gujarat - 380058

5. Applications received after the due date, applications received without requisite documents etc. are liable to be summarily rejected.

6. IN-SPACE reserves the right to increase/decrease the number of vacancies as per the need. IN-SPACE reserves the right to cancel the process of recruitment at any stage for the above post(s) without assigning any reason therefor.

  
(Suresh K)  
Sr.Head, P&GA

To

All Ministries/Departments of Government of India, with a request to widely circulate amongst the staff/Subordinate Offices

Following will broadly be the terms and conditions and eligibility criteria of deputation to IN-SPACE:

- **Age Limit:**

Maximum age limit for deputation shall not exceed 56 years as on the date of receipt of application.

- **Tenure of Deputation:**

The period of deputation shall be 5 years which is extendable up to 7 years as per the extant orders on the subject. No further extension beyond the seventh year shall be considered.

- **Eligibility:**

For posts of Deputy Director (L-13A/13) and Assistant Director (L-12/11) in each of the Directorates, the eligibility will be of persons holding analogous level posts as well as possessing the essential educational qualification with minimum 65% or 6.84 CGPA from a recognized University, expertise and experience as mentioned in Annexure – B.

- **Pay:**

Those holding analogous posts will be eligible for deputation allowance and will continue to draw the basic pay of the post held in the parent Department/Ministry/Centre/Unit.

- **Allowances:**

- (i) **Deputation Allowance:**

The deputation allowance shall be in accordance with the provisions contained in the DOP&T OM No. 6/8/2009-Estt. (Pay II) dated the 17.06.2010, as amended from time-to-time.

Following allowances will be regulated as per Government of India Orders:

- HRA/Transport Allowance
- Joining Time and Joining Time pay
- Travelling Allowance and Transfer TA
- Children Education Allowance

(ii) **Dearness Allowance:** The employee will be entitled to dearness allowance at the rates prevailing in Government of India.

(iii) **Performance Related Incentive Scheme (PRIS):**

Will be eligible for Performance Related Incentive Scheme (PRIS) subject to fulfilment conditions like minimum attendance, APAR gradings, etc. as per the extant orders on the subject:

1. PRIS – Organisational Incentive
2. PRIS – Individual Incentive
3. PRIS – Group Incentive to be evolved by IN-SPACE

(iv) **Professional Update Allowance (PUA):**

The Officer will be eligible for Professional Update Allowance as per the prevailing rules on the subject

- **LTC:** Will be in accordance with Government of India Orders

- **Medical Facilities:**

During the period of deputation, the officer and his/her dependent family members will be entitled to Contributory Health Service Scheme (CHSS) of Department of Space (DOS).

- **Leave and Pension Contribution:**

During the period of deputation, the Officer will continue to be governed by the Leave Rules and Pension Rules of Government of India as applicable to him/her before such deputation to IN-SPACE.

- **Extra-ordinary pension/Gratuity:**

This will be regulated in accordance with the Ministry of Finance (Department of Space) OM No. F. 19 (23)-E. V(A)/64 dated 02.08.1965 as amended from time to time.

- **Residential Accommodation:**

The Officer will be entitled to residential accommodation according to the rules of Department of Space (DOS).

- **Central Government Group Insurance Scheme:**

The Officer will continue to be a member of CGEGIS, 1980.

- **Promotion during the Deputation:**

Those holding the posts of Scientist/Engineers will be considered for promotion as per their eligibility in their parent Centre/Unit. However, in the event of them being recommended for promotion, they will be granted only proforma promotion in the IN-SPACE.

- **Premature reversion to parent Department/Ministry/Centre/Unit:**

When the Officer is appointed on deputation basis, his/her services are placed at the disposal of the parent Department/Ministry/Centre/Unit at the end of the tenure only. Requests for premature repatriation (except in the case of promotion in the parent cadre) will not be entertained before completion of a minimum period of 3 years. For premature repatriation, after completion of 3 years on very genuine grounds, a notice of not less than 3 months should be given.

- **Miscellaneous:**

On all matters that are not mentioned explicitly, the employee will be governed by the rules/regulations/orders of DOS/Government of India as amended from time to time.

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The Job Description, Expertise, Educational Qualification/ Experience required for the posts for various Entities/ Directorates at IN-SPACE

Technical Directorate

Post No. 1: Deputy Director (Technical Directorate) – Launch Vehicle – 1 position

**Essential Qualification & Experience**

**Educational Qualification:** Bachelors/Masters/Doctoral degree in Engineering /Technology

**Disciplines:**

- ✓ Electrical and Electronics/Aerospace/Mechanical or equivalent

**Experience:**

- ✓ Technical/ operational/ project management expertise as senior/ middle level (Level 13A/ 13) Scientist/Engineer in Launch Vehicle Systems engineering.

OR

- ✓ Experience in an interdisciplinary project management or execution role on rocket stages and/or launch systems, Assembly, integration and testing of launch vehicle systems, avionics, or equivalent work.

OR

- ✓ Experience in launch operations including range safety, handling ground support equipment at umbilical/service tower and/or TTC systems.

**Desirable:**

- ✓ Multi-disciplinary knowledge & approach for problem solving.
- ✓ Excellent communication, report writing and documentation skills.
- ✓ Project Management skills

**Job Description**

Evaluation of proposals from the NGEs; coordination with DOS/ISRO Centres & other Govt. Departments /Ministries; mentoring enabling &, supervising space launch vehicle systems being developed by NGEs.

**Post No. 1: Deputy Director (Technical Directorate) – Earth Observation Applications – 1 position**

**Essential Qualification & Experience**

**Educational Qualification: Masters/Doctoral degree in Science or Engineering /Technology**

**Disciplines:**

- ✓ Physics/ Agriculture / Geology / Soil Science, Civil Engineering, Remote Sensing & GIS/ Remote Sensing & Photogrammetry/ Geoinformatics or equivalent

**Experience:**

- ✓ Technical/ operational/ project management expertise as senior/ middle level (Level 13A/ 13) Scientist/Engineer in Space Applications Area.

OR

- ✓ Practical Experience in the field of Satellite/ aerial based earth observation/ remote sensing applications, handling of Earth Observation imagery/data, GIS analysis and workflow execution in the natural resources mapping /monitoring and management.

OR

- ✓ Working experience in remote sensing applications projects of national importance or flagship projects, quality evaluation and delivery etc. with proven track record.

**Desirable:**

- ✓ Ability to translate user needs to solutions, Ability to apply expertise in multiple domains (Water resources, Forestry, Agriculture, geology, climate sciences etc).
- ✓ Excellent communication and report writing skills.
- ✓ Project Management skills

**Job Description**

Evaluation of proposals from the NGEs; coordination with DOS/ISRO Centres & other Govt. Departments/Ministries; mentoring enabling &, supervising space-based applications being developed by NGEs.

**Post No. 2: Assistant Director (Technical Directorate) – Launch Vehicle – 1  
position**

**Essential Qualification & Experience**

**Educational Qualification: Bachelor's/ Master degree in Science  
/Engineering//Technology**

**Discipline**

- ✓ Electrical and Electronics/Aerospace/Mechanical or equivalent

**Experience:**

- ✓ Technical and operational expertise in launch vehicle systems, range operations, safety and/or launch vehicle TT&C systems in the level 12/11.  
OR
- ✓ Experience in launch operations including range safety, handling ground support equipment at umbilical/service tower and/or TTC systems.  
OR
- ✓ Exceptional comprehension of first principles in the following engineering disciplines; mechanical, structural dynamics, materials, electrical, Communications, mechatronics, thermodynamics, fluid dynamics, orbital mechanics, controls, propulsion etc.

**Desirable:**

- ✓ Multidisciplinary knowledge of launch vehicle systems.
- ✓ Should have worked in a team and accomplished at least one project in launch vehicle system.
- ✓ Skills in scientific/technical writing, problem solving.

**Job Description**

Enabling &, supervising launch vehicle systems being developed by NGEs through effective coordination with DOS/ISRO Centres & other Govt. Departments/Ministries.



**Post No. 2: Assistant Director (Technical Directorate) – Earth Observation  
Applications – 2 positions**

**Essential Qualification & Experience**

**Educational Qualification: Bachelor's/ Master degree in Science  
/Engineering//Technology**

**Discipline**

- ✓ Physics/ Agriculture / Geology / Soil Science, Civil Engineering, Remote Sensing & GIS/ Remote Sensing & Photogrammetry/ Geoinformatics or equivalent

**Experience:**

- ✓ Technical and operational expertise in Space Applications Area in the level 12/11.

OR

- ✓ Working experience in the field of Satellite/ aerial based earth observation/ remote sensing applications, handling of Earth Observation imagery/data, making user specific products, GIS analysis, GIS workflow execution in the areas of geospatial applications in the natural resources mapping and monitoring, analysis / generation of products for earth and climate sciences etc.

**Desirable:**

- ✓ Multi-disciplinary knowledge & approach for problem solving.
- ✓ Use tools to join together different GIS datasets and create new information or investigate patterns and create insights
- ✓ Skills in scientific/technical writing, problem solving.

**Job Description**

Enabling & supervising space-based applications being developed by NGEs through effective coordination with DOS/ISRO Centres & other Govt. Departments/Ministries.

## Programme Management and Authorisation Directorate

### **Post No. 3: Deputy Director (PMA) – Earth Observation Applications – 1 position**

#### **Essential Qualification & Experience**

**Educational Qualification:** MSc. / M. Tech / PhD or Equivalent in Physics/ Remote Sensing / GIS / Remote Sensing & GIS / Geoinformatics / Geomatics / Geospatial Technology / Spatial Information Technology or other allied disciplines etc.

#### **Experience:**

Technical/ operational/ project management expertise as senior or middle level (7<sup>th</sup> Pay commission Level 13 and equivalent) Scientist/Engineer in Space Applications Area.

Should have excellent communication & writing skills – project reports, proposals, other documents.

**Desirable Working experience** in the field of Satellite/ aerial based earth observation/ remote sensing applications, handling of Earth Observation imagery/data, making user specific products, GIS, etc. in the areas of forestry/ Geoscience/ oceanography/ agriculture/ geospatial applications, etc. End to end project management.

#### **Work Functions:**

- a) Enabling, supervising & authorizing space related activities by Non-Government Entities (NGEs)
- b) Interface with NGEs applicants.
- c) Assessment and evaluation of proposals from NGEs.
- d) Manage and supervise the activities of NGEs and ensure the timely clearance of applications/ proposals.
- e) Act as a nodal point at IN-SPACE for coordinating with DoS and other government departments and ministries.
- f) Preparing reports and documentation on domain activity.

**Post No. 4: Deputy Director / Assistant Director (PMA) – Spectrum Management –  
1 position**

**Essential Educational Qualification:** B.E. / B. Tech in Electronics and Communication, Electrical, Aerospace, Computer Science, Information Technology (IT) or other allied disciplines OR M.Sc. in Electronics, IT or equivalent.

**Desirable Educational Qualification:** M. Tech / M.E./ PhD. communications systems/ Micro-waves/ RF/ Satellite communication or equivalent from recognized university.

**Experience:** Technical/ operational/ project management expertise as senior or middle level (7<sup>th</sup> Pay commission Level 13 for Dy. Director and Level 11/Level 12 for Assistant Director) in the area of satellite communication, payload, satellite, ground stations, RF systems etc.

Should have excellent communication & technical-writing skills, generation of project reports and documentation etc.

**Desirable work experience** in system engineering of the satellites/payloads/ earth stations; RF and antenna systems; RF Link design and analysis; earth station/ VSATs operations and installations; understanding of ITU radio regulations, coordination activity, Spectrum Management, LEO/MEO constellation communication, terrestrial system technologies such as 5G, 6G, unlicensed Wi-Fi & backhaul link etc.

**Work Functions:**

- a) Assessment of orbit-spectrum coordination requirements to establish and operate space asset by non – government entities (NGEs).
- b) Coordination with other ministries including Wireless Planning and Coordination (WPC) wing of the DoT for the optimum utilization, protection and enabling the acquisition of the additional orbit spectrum resources by the NGE.
- c) Enabling the International Telecommunication Union (ITU) filling by NGEs in coordination with WPC/DoT.
- d) Ensure compliance to International and National regulations in respect of space spectrum usage by NGE.
- e) Ensure interference free operations and compatibility with Indian ITU fillings and other countries for GSO and NGSO systems while evaluating proposal from the NGEs.
- f) Develop methodologies and mechanisms for assessing and evaluating the proposals from NGEs.
- g) Providing innovative ideas for space start-ups on space communication aspects viz. Spectrum licensing, in-orbit or ground RF interference, frequency coordination etc.
- h) Active participation and contributions in the national and international ITU meetings on spectrum related policy matters.
- i) Supporting NGEs in registering their space objects as Indian Space Object.

**अनुबंध/ANNEXURE - C**

**प्रपत्र/PROFORMA**



1. Post applied for :
2. Name and Address (in block letters) (including:  
Email-id /Mobile no./Tel.no.)
3. Date of Birth (in Christian Era) :
4. Date of retirement :
5. Educational qualifications and experience :
6. Details of employment, in chronological order :  
Enclose a separate sheet duly authenticated by  
your signature, if the space below is insufficient

Office/ Institution	Post Held	From	To	Pay in pay matrix and level	Nature of duties (in details)

7. Additional information, if any, which you would like to mention in support of your suitability for the post.

This among other things may provide information with regard to:

- (a) Additional academic qualifications :
- (b) Professional training and :
- (c) Work experience over and above prescribed :

8. Whether belongs to SC/ST :
9. Remarks :

The candidates may indicate information with regard to (i) Research publications and reports and special projects (ii) Awards Scholarship/ Official Appreciation (iii) Affiliation with the professional bodies/ institutions/ societies and (iv) Any other information.

**हस्ताक्षर/Signature of the Candidate**

**स्थान/Place:**  
**दिनांक/Date:**