



GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
INDIAN SPACE RESEARCH ORGANISATION
INDIAN INSTITUTE OF REMOTE SENSING
DEHRADUN - 248001

Advertisement No. IIRS/P&GA/Estt./02

Indian institute of Remote Sensing (IIRS), a Unit of Indian Space Research organization (ISRO), is a premier institute for capacity building and research in the field of **remote sensing and geoinformatics**. The institute has a multi-disciplinary and problem oriented agenda on developing land-ocean-atmosphere applications and understanding Earth's surface and subsurface processes using primarily the space-based technologies. The research programmes are intricately linked to overall goal of ISRO and promote research excellence in satellite remote sensing and system studies.

IIRS INVITES APPLICATIONS FOR THE POSTS OF SCIENTISTS/ENGINEERS "SD" AND "SC"

Post No. 1	Scientist/Engineer-SD (Atmospheric Sciences)
Essential Qualification	Ph.D. in Atmospheric Science/Meteorology
Desirable Qualification	Knowledge in computer programming, image processing and GIS with first class academic records and publications in peer reviewed journals.
Job Description	Required to work in a multidisciplinary team and will be engaged in education/training/ research and field investigation related to Study of atmospheric dynamics using satellite data, meso-scale models to understand atmospheric phenomena OR Study of synoptic weather events, satellite meteorology and climate models.
Post No. 2	Scientist/Engineer-SD (Engineering Geology/ Geotechnical Engineering)
Essential Qualification	Ph.D. in Geology/ Applied Geology/ Geosciences/ Geotechnical Engineering
Desirable Qualification	Research experience in the Field and Laboratory Investigation (Engineering geology/ Rock mechanics), Remote Sensing, Geostatistics, Computer Programming with first class academic records and publications in peer reviewed journals.
Job Description	Required to work in a multidisciplinary team and will be engaged in education/training/ research and field investigation related to Engineering geology, Rock and soil parameter characterization, Slope stability assessment and modeling and Hydro-electric project evaluation
Post No. 3	Scientist/Engineer-SD (Ecology)
Essential Qualification	Ph.D. in Forestry/Ecology/Environmental Science
Desirable Qualification	Knowledge/experience in structural and functional analysis of ecosystems, landscape ecology and programming will be given preference. Degree/Diploma in applications of remote sensing and GIS in forest/natural resources monitoring and modelling with first class academic records and publications in peer reviewed journals
Job Description	Required to work in a multidisciplinary team and will be engaged in education/training/ research and field investigation related to quantitative

	forest resource analysis, ecological modeling and landscape ecology.
Post No. 4	Scientist/Engineer-SD (Urban Planning)
Essential Qualification	Ph.D in Urban and Regional Planning with B.E./B.Tech. in Civil Engineering or Architecture
Desirable Qualification	Degree / Diploma in Remote Sensing & GIS in human settlement analysis and regional planning with first class academic records and publications in peer reviewed journals.
Job Description	Required to work in a multidisciplinary team and will be engaged in education/training/ research and field investigation related to Urban & Regional planning using remote sensing data, Urban disaster & its implication on socio-economy and solid waste management
Post No. 5	Scientist/Engineer-SC (Geophysics)
Essential Qualification	M.Sc./M.Tech./M. Sc. (Tech.) (Geophysics) with B.Sc. (Geology and two subjects from Physics/ Mathematics/ Chemistry)
Desirable Qualification	Research experience in Field Investigation (Geophysical survey), Remote Sensing, Computer Programming, DGPS survey, Seismology with good first class academic record.
Job Description	Required to work in a multidisciplinary team and will be engaged in education/training/ research and field investigation related to Remote Sensing and GIS, Seismology, DGPS survey, Mineral exploration, oil/ground water exploration and Geodynamics
Post No. 6	Scientist/Engineer-SC (Hydrological modeling)
Essential Qualification	M.Tech. in Hydrology/ Water Resources with B. Tech. in Civil or Agricultural engineering.
Desirable Qualification	Research experience in climate change studies and hydrological modeling along with sufficient experience in computer programming with first class academic record.
Job Description	Required to work in a multidisciplinary team and will be engaged in education/training/ research and field investigation related to hydrological processes and modeling, Impact of climate change on hydrology and GCM/RCM Downscaling.
Post No. 7	Scientist/Engineer – SC (Geoinformatics)
Essential Qualification	M.Sc. / M.Tech. in Geoinformatics/ Geomatics
Desirable Qualification	B.Tech in Computer Science/Electronics & communication engineering. Experience in research in frontier areas of geoinformatics and knowledge in computer programming.
Job Description	Required to work in a multidisciplinary team and will be engaged in education/training and high end research in advanced areas of geoinformatics and related disciplines.

Candidates for Post No. (s) 5, 6 & 7 possessing M.Tech. should be in first class with an aggregate minimum of 60% marks of CGPA/CPI grading of 6.5 on a 10 scale along with B.E/B.Tech./B.Sc. (Engg)/M.Sc. in first class with aggregate of 65% (Average of all semesters) or CGPA/CPI grading of 6.5 on a 10 scale. Candidate for Post No.(s). 1 to 4 who have submitted their Ph.D. thesis may also apply along with the documentary proof of submission of their Ph.D.

Government strives to have a workforce which reflect gender balance and women candidates are encouraged to apply.

Pay & Allowances:

1.	Scientist/Engineer - SC	Rs 15600-39100 (PB-3) + Grade Pay: Rs 5400/- p.m
2..	Scientist/Engineer - SD	Rs 15600-39100 (PB-3) + Grade Pay: Rs 6600/- p.m

In addition, other allowances as per Govt. rules will be admissible.

Total emoluments at Dehradun will be Rs 49,602 and Rs 40,508 for “SD” and “SC” respectively. Selected candidates will be entitled to have the ISRO CHSS Medical & limited housing facilities.

Age as on 01.03.2012:

(A) The age limit for the post of **Scientist/Engineer-SC** is **35 years** but relaxable for **5 years** in case of SC/ST candidates and **3 years** in case of OBC candidates.

(B) There is no age limit for the post of **Scientist/Engineer – SD**.

How to apply:

Applications will be received on-line only. The detailed advertisement and application format for online registration will be hosted on our web-site <http://www.iirs.gov.in> from **14.04.2012 to 29.05.2012** for registering the applications.

After registration, it is mandatory to send one printed copy of the duly signed On-line application form, color photographs, attested true copies of all the mark sheets, degree certificates, experience certificate, caste/tribe certificate etc. to the following address by **SPEED POSTS**. The form should reach the office ***on or before 04.06.2012*** failing which online application will be rejected outright.

ADMINISTRATIVE OFFICER (PERSONNEL), INDIAN INSTITUTE OF REMOTE SENSING (ISRO), 4, KALIDAS ROAD, DEHRADUN 248001, UTTARAKHAND.

Other conditions/instructions: Candidates belonging to OBC must submit a certificate specifically including the clause regarding exclusion from creamy layer and should be up-dated/valid at the time of submission of the application. Mere fulfillment of the qualitative requirements of the posts will not entail a candidate to be called for test/interview. A duly appointed screening committee will initially scrutinize the applications, evolve a criteria depending on the number of applications received vis-à-vis posts to be filled and make a shortlist of the candidates to be called for further test and/or interview. Those who are already in employment under the Central Government/ State Government/ Public Sector Undertaking/Autonomous Body or any organizations which is aided by the Government, should apply through proper channel. Only Indian National needs to apply. No interim correspondence will be entertained. IIRS reserves the right not to fill any or all the posts, if it desires so. Canvassing in any form will be a disqualification.