PUNJAB REMOTE SENSING CENTRE

(A Government of Punjab Enterprise)
PAU Campus, Ludhiana 141004 www.prsc.gov.in
(Advertisement No. 1/2019)

Applications are invited for the posts of Research Associate, Research Fellow, Jr. Research Fellow and Project Fellow on contractual basis for a period of six months likely to be extended based on candidate's performance review and Project Scheme/Centre's requirements. For further details visit website www.prsc.gov.in.

<div align="right">

Sd/-
Director

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Applications are invited from Indian young dynamic eligible candidate who has passion for innovation and work with contemporary technologies such as application of Space and Geospatial and development of ICT tools for the welfare of people of state. Selection by short listing of candidates and through Written/Practical and Skill Test purely on contractual basis for the posts of Research Associate, Research Fellow, Jr. Research Fellow, Project Fellow (as per detailed advertisement) for a period of six months or specified against item/post likely to be extended further based on candidate's satisfactory performance review and Project Scheme/Centres requirements. The selected candidates shall be posted at any locations (Ludhiana, Chandigarh, SAS Nagar (Mohali) and anywhere in Punjab) as per the requirements. The shortlisted candidate will be informed by email and mobile as given in the applications before test/selection date. However, PRSC cannot take any responsibility in case either of it may be non reachable or contactable for any reason. The candidates may choose to check with the office in this regard if he/she may not receive information. The recruitments are as under:-

Name of Post(s)	Number of post(s)	Qualifications	1. Date of submission of application by specified email or post 2. Date of Selection/Test
		AGRO-ECOSYSTEM AND CROP MODELLING DIVISION	
Research Associate (Geo-spatial Analyst) at a salary of Rs.30000/- per month including allowances	One (01)	**Essential:** Doctoral degree in the relevant subjects OR Master's degree or equivalent from recognized and reputed Institute/University with two years relevant experience as RF in the field of Remote Sensing & GIS applications **Relevant subjects:** Remote Sensing and GIS/GIST/Geo-informatics/Agronomy/Agrometeorolgy/Soil Science/ Forestry/ Environmental Sciences/Soil & Water Engineering /Geography/ Geosciences/Physics/Mathematics/Botany/Information Tech. Knowledge of RS and GIS is must in the form of expertise or educational qualifications *Desirable:* *i) Master's degree along with PG Diploma in Geospatial Technologies (such as RS, GIS, GPS etc.) from a recognized and well reputed institution shall be given weightage.* *ii) Candidates with experience in satellite data analysis, remote sensing applications in Agriculture will be given preference.* *iii) Good writing Skills, as evident from peer reviewed Research Papers, project reports etc. and Proficiency in GIS and Image Processing Software's (Like ArcGIS and ERDAS IMAGINE etc.)* *iv) 3 years or more experience*	1. 18.02.2019 2. 25.02.2019
Research Associate (Agriculture) at a salary of Rs.30000/- per month including allowances	One (01)	**Essential:** Doctoral degree in the relevant subjects OR Master's degree or equivalent from recognized and reputed Institute/University with two years relevant experience as RF in the field of Remote Sensing & GIS applications **Relevant subjects:** Remote Sensing and GIS/GIST/Geo-informatics/Agronomy/Agrometeorolgy/Soil Science/ Forestry/ Environmental Sciences/Soil & Water Engineering	1. 18.02.2019 2. 25.02.2019

		/Geography/ Geosciences/Physics/Mathematics/Botany/Information Tech.
		Knowledge of RS and GIS is must in the form of expertise or educational qualifications
		Desirable:
		   i) Master's degree along with PG Diploma in Geospatial Technologies (such as RS, GIS, GPS etc.) from a recognized and well reputed institution shall be given weightage.
		
		   ii) Candidates with experience in satellite data analysis, remote sensing applications in Agriculture will be given preference.
		   iii) Good writing Skills, as evident from peer reviewed Research Papers, project reports etc. and Proficiency in GIS and Image Processing Software's (Like ArcGIS and ERDAS IMAGINE etc.)
		   iv) 3 years or more experience	

Research Fellow (RF) (Digital Image Analysis) at a salary of Rs.27,000/- per month including allowances	One (01)	***Essential:*** Master's degree or equivalent in relevant subject with PG Diploma in RS & GIS or Masters Degree in relevant subject from recognized and reputed institution/university with 1 year experience as JRF in the field of applications of Remote Sensing & GIS **Relevant subjects:** Degree in Remote Sensing & GIS/Geo-informatics/ Agronomy/Agrometeorolgy/Soil Science/ Forestry / Environmental Sciences/Soil & Water Engg./ Geography/ Geosciences/Physics/Mathematics/Botany/Statistics/ Chemistry / Computer Sciences/Information Technology ***Desirable:*** • *Master's degree along with PG Diploma in Geospatial Technologies (such as RS, GIS, GPS etc.) from a recognized and well reputed institution shall be given weightage for the candidates of science & computer degree holders* • Candidates with working experience in Remote Sensing/GIS applications in Agriculture/Horticulture/ Environment/ Forestry/Ecology will be given preference • A proven record of writing projects reports research papers and Proficiency in Image Processing Software's (Like ERDAS IMAGINE, PCI-Geomatica, ENVI etc.) • 2 years or more experience	1. **18.02.2019** 2. **26.02.2019**
Research Fellow (RF) (Geo-statistical Analysis) at a salary of Rs.27,000/- per month including allowances	One (01)	***Essential:*** Master's degree or equivalent in relevant subject with PG Diploma in RS & GIS or Masters Degree in relevant subject from recognized and reputed institution/university with 1 year experience as JRF in the field of applications of Remote Sensing & GIS **Relevant subjects:** Degree in Remote Sensing & GIS/Geo-informatics/ Agronomy/Agrometeorolgy/Soil Science/ Forestry / Environmental Sciences/Soil & Water Engg./ Geography/ Geosciences / Physics / Mathematics / Botany/ Statistics/ Chemistry/Computer Sciences/Information Technology ***Desirable:*** *1. Master's degree along with PG Diploma in Geospatial*	1. **18.02.2019** 2. **26.02.2019**

		Technologies (such as RS, GIS, GPS etc.) from a recognized and well reputed institution shall be given weightage for the candidates of science & computer degree holders 2. Candidates with working experience in Spatial Mapping using Geo-statistical Tools. 3. A proven record of writing projects reports/research papers and Proficiency in GIS Software's (Like ArcGIS etc.) 4. 2 years or more experience		
Junior Research Fellow (JRF) (Remote Sensing & GIS) at a salary of Rs.25000/- per month including allowances	Six (06)	*Essential:* Master's degree or equivalent in relevant subjects *from a recognized and reputed institute/ University* **Relevant subjects:** Remote Sensing & GIS/Geoinformatics/ Geomatics/Physics/Botany/Forestry/Computer Sciences/ Agricultural Economics/Economics/Extension Education/ Information Technology/ Mathematics/ Statistics/ Geogrphy/ Environmental Sciences /Agricultural Sciences/ Earth Sciences with Graduation in Science or Engineering discipline strictly. Candidates having more experience and qualification in relevant field and meeting all criteria as prescribed against each post shall be given weightage. Knowledge of RS & GIS is must. **Desirable:** i. Fast Learner and team worker ii) Working Knowledge of geospatial technology and science Or Experience in developing Decision Support System using Geo-spatial technologies	1. **18.02.2019** 2. **27.02.2019**	
GEOLOGY, WATER RESOURCES AND GEOINFORMATICS DIVISION				
Jr. Research Fellow at a salary of Rs.25000/- per month including allowances	One (01)	**Essential:** Masters degree or equivalent in relevant subject from a recognised and reputed institution /university. **Relevant Subjects :** Earth Science / Geology/ Environmental Sciences / Geoinformatics / Geography / Civil Engineering/ Water Resources/Remote Sensing & GIS **Desirable:** Experience of working on water resources related studies. Preference will be given to the candidate with experience/training in Remote Sensing / GIS after obtaining qualifying degree from an organisation dealing with Geospatial Technologies	1. **18.02.2019** 2. **25.02.2019**	
Junior Research Fellow (Web Application Developer - Geoserver) at a salary of Rs.25,000/- per month including allowances	One (01)	**Qualifications** First Class B.E./B.Tech. degree in Computer Science or equivalent[#] with at least one year experience OR Master's degree in Computer Science/Computer Science & Engineering, Remote Sensing/GIS/Geomatics or equivalent[#] with at least 6 months experience in : • Working with PHP/ASP .NET/C#/HTML • Working with Web Mapping API (Leaflet, Mapbox, OpenLayers, Esri) and OpenGeo (GeoServer, PostGIS, QGIS) • Working with Geospatial data (SHP, KML, GeoJSON) as well as OGC standards (WMS, WFS) • Analyzing, designing, developing and implementing JavaScript based full stack solutions (Node.JS, Bootstrap, JQuery) [#]**Equivalent:** Qualifying degree other than mentioned above may be relaxed for candidates having at least 1	1. **18.02.2019** 2. **25.02.2019**	

		year experience in : • Working with Web Mapping API (Leaflet, Mapbox, OpenLayers, ESRI) and OpenGeo (GeoServer, PostGIS, QGIS) • Working with Geospatial data (SHP, KML, GeoJSON) as well as OGC standards (WMS, WFS) • Database experience such as PostgreSQL, MongoDB, MySQL	
Jr. Research Fellow (Arc GIS Web Developer) at a salary of Rs.25,000/- per month including allowances	One (01)	**Essential:** First Class B.E./B.Tech. (with one year experience) OR Master's in Information Technology (IT)/Electronics and Communication (EC)/Computer Science (CS)/ Computer Science & Engineering (CSE), Geoinformatics ***Skills:*** Arc GIS API for Javascript, Arc GIS for Server, Java script, HTML, CSS, Jquery. Experience in Web GIS Application Development. Exposure to Web GIS development using open source tools will be an added advantage.	1. 18.02.2019 2. 25.02.2019
Project Fellow at a salary of Rs.12,000/- per month including allowances	One (02)	**Essential Qualification**: Graduate in Geology/Geography with three months experience. The candidates with less than 3 months experience will be paid the fixed salary of Rs.10,000/- per month **OR** Master degree in Remote Sensing and GIS / Geoinformatics/Geography (Fixed salary of Rs.12,000/- per month) **_Desirable_**: **Good** Knowledge of GIS and related application software and tools. **Note**: Candidates with Postgraduate Diploma in Remote Sensing and GIS/Geoinformatics, in addition to Master's Degree, may be given weightage.	1. **18.02.2019** 2. **25.02.2019**
ADVANCED GEOSPATIAL APPLICATION GROUP (AGAG)			
Jr. Research Fellow at a salary of Rs.25000/- per month including allowances	One (01)	**Essential** First class Master's degree (or equivalent) in Remote Sensing and GIS/Geoinformatics/GIST (or related subject) **Desirable:** I. Fast Learner and team worker *II.* Good knowledge of spatial analysis using GIS and Imaging softwares.	1. 18.02.2019 2. 25.02.2019
Jr. Research Fellow at a salary of Rs.25000/- per month including allowances	One (01)	**Essential** First class Master's degree (or equivalent) in Remote Sensing and GIS/Geoinformatics/GIST/Earth Sciences/Agriculture/Engineering (or related subject) with good knowledge of hyperspectral remote sensing and statistical techniques as evident from thesis/publications **Desirable:** i) Fast Learner and team worker **ii)** Good knowledge of digital image processing and spatial analysis using GIS and Imaging softwares. ***Note:The selected JRF will be encouraged to register for PhD and will be working on hyperspectral/multispectral imagery***	1. 18.02.2019 2. 25.02.2019
Jr. Research Fellow at a salary of Rs.25000/- per month including allowances	One (01)	**Essential** First class Master's degree (or equivalent) in Remote Sensing and GIS/Geoinformatics/GIST/Earth Sciences/Agriculture/Engineering (or related subject)	1. 18.02.2019 2. 25.02.2019

		with good knowledge of microwave remote sensing and statistical techniques as evident from thesis/publications **Desirable:** i) Fast Learner and team worker **ii)** Good knowledge of digital image processing and spatial analysis using GIS and Imaging softwares. *Note:The selected JRF will be encouraged to register for PhD and will be working on microwave/multispectral imagery*	

NOTE : "Equivalent" means "Engineering/Technology Graduate" with one year experience in relevant field (Remote Sensing & GIS applications).

APPLICATION FORM

Prescribed application form, details of required certificates testimonials and supporting documents in response to qualifications and experience can be downloaded from our website www.prsc.gov.in. The filled in application forms along with one set of attested copies of degrees, certificates, one passport size photographs should reach to us by email/post as per specified against the post above. . It is mandatory for all candidates to deposit a non refundable fee **Rs.1200/- for Research Associate; Rs.1000/- for Research Fellow (RF), Rs.800/- for Jr. Research Fellow (JRF) and Rs.500/- for Project Fellow** by cash or Demand Draft (in favour of Director, Punjab Remote Sensing Centre payable at Ludhiana) must be deposited in the office of Punjab Remote Sensing Centre, PAU Campus Ludhiana-141004 on or before the date of test/Selection by 9.30 A.M. to be eligible for selection process starting at 10.00 AM. Candidates reporting after 10.00 AM shall not be considered for selection process.

Mode of submission of applications: By Post and official Email: contact@prsc.gov.in . PRSC is not responsible for any delays and late submission such applications will not be considered and summarily rejected.

Note: Candidates those who cannot produce original degrees (including Provisional Degree Certificate - PDC), Date of Birth, conversion factor of CGPA and Marksheets etc. will not be entertained.

Separate application form along with the non refundable fee as mentioned above is to be filled up in case candidate applies for more than one post.

Age limit: Not more than 37 years on the date of interview. Additional 5 years in case of SC/ST/BC/PHC with due supporting certificate and attested as per rules.

Candidate having more experience and qualifications in relevant field and meeting all criteria as prescribed against each post shall be given weightage.

Candidates are advised to visit our official website for any updates/information or change of selection dates in special circumstances as may be arising.

Canvassing in any form will lead to summarily rejection of candidature and blacklisting of candidates.

PRSC reserve the right to fill or partially fill or not to fill or may increase or decrease the number(s) of the above positions. In all cases decision of Director, PRSC is final and binding.

Director