

PUNJAB REMOTE SENSING CENTRE

(A Government of Punjab Enterprise)

PAU Campus, Ludhiana 141004 www.prsc.gov.in

(Advertisement No. 2/2018)

Applications are invited for the posts of Research Associate, Research Fellow, Jr. Research Fellow, Project Fellow and Technical Assistant 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.

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/Technical Assistant (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
LAND RESOURCE UTILITIES AND INFRASTRUCTURE (LRU&I) DIVISION			
Research Associate at a salary of Rs.30000/- per month	Two (02)	Essential Doctoral degree in the topics related to RS&GIS/Geoinformatics OR Master's degree in Remote Sensing/GIS/Geoinformatics OR Master's degree in relevant subject* with PG Diploma in RS & GIS from recognized and reputed institution/university *(Relevant Subjects: Urban Planning/Civil Engineering/Architecture/Geography/Earth Sciences Essential Experience: Two years relevant experience as RF in the field of Remote Sensing & GIS applications Desirable : <ul style="list-style-type: none"> • A proven record in writing project reports/scientific papers. • Proficiency in GIS and Image Processing Software's (like Arc GIS and ERDAS Imagine etc.) using Remote Sensing (Satellite, Aerial Photos, UAV Images etc.) for detailed Mapping and GIS data generation project • Excellent knowledge and trouble shooting of GIS/Autocad and related software & tools 	1. <u>03.05.2018</u> 2. <u>17.05.2018</u>
Jr. Research Fellow at a salary of Rs.25000/- per month	Two (02)	Essential Master's degree in Remote Sensing/GIS/Geoinformatics OR Master's degree in relevant subject or equivalent with PG Diploma in RS & GIS from recognized and reputed institution/university (Relevant Subjects: Urban Planning/Civil Engineering/Architecture/Geography/Earth Sciences Desirable: Good Knowledge of GIS/Autocad and related application software and tools	1. <u>03.05.2018</u> 2. <u>17.05.2018</u>
AGRO-ECOSYSTEM AND CROP MODELLING DIVISION			
Junior Research Fellow (JRF) [Inf. Technology] at a salary of Rs.25000/- per month	One (01)	Essential: Master degree or equivalent in Information Technology, Computer Science Engineering with Good Knowledge of agriculture based applications OR Masters in Agricultural Sciences with good knowledge of computer applications to develop and work for Remote Sensing and GIS based agricultural applications.	1. <u>03.05.2018</u> 2. <u>17.05.2018</u>

		<p>Desirable:</p> <ul style="list-style-type: none"> • Experience in open source GIS, Webportal/Geoportal Development, RDBMS for GIS support • Six Months to 1 year or more relevant experience 	
<p>Junior Research Fellow (JRF) [Socio-Economist] at a salary of Rs.25000/- per month</p>	Two (02)	<p>Essential: Master's degree or equivalent in RS&GIS/ Agricultural Economics/Agricultural Extension/ Social Sciences with Good Knowledge of agriculture based applications and computer applications to work for Remote Sensing and GIS based agricultural applications.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Experience in collecting & analysing socio economic data • Six Months to 1 year or more relevant experience 	<p>1. <u>03.05.2018</u></p> <p>2. <u>17.05.2018</u></p>
GEOLOGY, WATER RESOURCES AND GEOINFORMATICS DIVISION			
<p>Research Fellow (Web Developer - ASP.Net) at a salary of Rs.27,000/- per month</p>	Four (04)	<p>Qualifications: First Class B.E./B.Tech. with two year Web Application Development experience OR Master's in Information Technology (IT)/Electronics and Communication (EC)/ Computer Science (CS)/Computer Science & Engineering (CSE), with One year Web Application Development experience, after minimum educational qualifications as prescribed.</p> <p>Skills- ASP.Net, Web Form/MVC architecture C#, ADO.NET, HTML, CSS, JQuery, SQL Server 2012, Web Designer, Experience in Web Application Development. In addition to above, experience in PHP and MySQL may be given weightage.</p> <p>Desirable 2 year or more experience with due weightage</p>	<p>1. <u>03.05.2018</u></p> <p>2. <u>18.05.2018</u></p>
<p>Research Fellow (Web Server Administrator - GeoServer) at a salary of Rs.27,000/- per month</p>	One (01)	<p>Essential: First Class B.E./B.Tech. degree in Computer Science or equivalent[#] with at least two year experience OR Master's degree in Computer Science/Computer Science & Engineering, Remote Sensing/GIS/Geomatics[#] with at least 1 year experience in :</p> <ul style="list-style-type: none"> • 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) • Geospatial programming technologies including Python and Python based libraries such as Pandas, GeoPandas and GDAL • Analyzing, designing, developing and implementing JavaScript based full stack solutions (Node.JS, Bootstrap, JQuery) • Strong innovative and analytical ability with implementation experience as a results-oriented, collaborative self-starter who can contribute to a development team • Database experience such as PostgreSQL, MongoDB, MySQL • GIS data creation and management. • Testing experience with Functional Testing, Security, Integration Testing, System Acceptance Testing, and User Acceptance Testing phases • Must have good written and oral communication skills <p>[#]Equivalent: Qualifying degree other than mentioned above may be relaxed for candidates having at least 2 year experience in :</p> <ul style="list-style-type: none"> • Working with Web Mapping API (Leaflet, Mapbox, 	<p>1. <u>03.05.2018</u></p> <p>2. <u>18.05.2018</u></p>

		<p>OpenLayers, ESRI) and OpenGeo (GeoServer, PostGIS, QGIS)</p> <ul style="list-style-type: none"> Working with Geospatial data (SHP, KML, GeoJSON) as well as OGC standards (WMS, WFS) Database experience such as PostgreSQL, MongoDB, MySQL 	
<p>Junior Research Fellow (Web Application Developer - Geoserver) at a salary of Rs.25,000/- per month</p>	Two (02)	<p>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 :</p> <ul style="list-style-type: none"> 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) Geospatial programming technologies including Python and Python based libraries such as Pandas, GeoPandas and GDAL Analyzing, designing, developing and implementing JavaScript based full stack solutions (Node.JS, Bootstrap, JQuery) Strong innovative and analytical ability with implementation experience as a results-oriented, collaborative self-starter who can contribute to a development team Database experience such as PostgreSQL, MongoDB, MySQL GIS data creation and management. Testing experience with Functional Testing, Security, Integration Testing, System Acceptance Testing, and User Acceptance Testing phases Must have good written and oral communication skills <p>[#]Equivalent: Qualifying degree other than mentioned above may be relaxed for candidates having at least 1 year experience in :</p> <ul style="list-style-type: none"> 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 	<p>1. <u>03.05.2018</u></p> <p>2. <u>18.05.2018</u></p>
ADVANCED GEOSPATIAL APPLICATION GROUP (AGAG)			
<p>Project Fellow (at a salary of Rs.12000/- per month)</p>	One (01)	<p>Graduate/Post Graduate in Geography with Postgraduate Diploma in Remote Sensing and GIS</p> <p>OR</p> <p>Master degree in Remote Sensing and GIS/Geoinformatics</p>	<p>1. <u>03.05.2018</u></p> <p>2. <u>17.05.2018</u></p>
<p>Technical Assistant (Soil and Water) (at a salary of Rs.12000/- per month)</p>	One (01)	<p>1. Graduate with at least 50% marks</p> <p>2. One year experience in handling of soil and water samples for laboratory analysis</p> <p><i>Note: Candidate not having requisite experience will be paid Rs.10,000/- per month</i></p>	<p>1. <u>03.05.2018</u></p> <p>2. <u>17.05.2018</u></p>

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

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), Rs.500/- for Project Fellow and Technical Assistant** 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