



Haryana Space Applications Centre (HARSAC)

(Citizen Resources Information Department, Haryana)

CCS Haryana Agricultural University Campus

Hisar - 125 004

Tel. 01662-232632, 231045-47

Website: www.harsac.org E-mail: contact@harsac.org

APPLICATIONS INVITED

Applications are invited from the eligible candidates for various posts on contractual basis under different projects. Detail in this regard along with prescribed application form can be downloaded from HARSAC website (www.harsac.org). The application form duly complete in all respects along with the self-attested photo copies of testimonials / certificates may be submitted in the office of undersigned on or before **10.05.2022 upto 4:30PM**. The application fee amounting to Rs. 200/- in the form of Indian Postal Order or Demand Draft drawn in favor of Director, Haryana Space Applications Centre, Hisar may also be attached with each application form. The candidate may also deposit the application fee in saving bank account no. 10214722894 with State Bank of India, CCSHAU Branch, Hisar and attach its proof with the application form. The account is in the name of Director, Haryana Space Applications Centre, Hisar with IFSC code SBIN0001566. Incomplete application forms shall not be entertained. Names of eligible candidates will be displayed on HARSAC website in due course for attending the Written/Skill test. The appointment in the projects will be purely on contractual basis and co-terminus with the project. It will not confer any right on the incumbent to any claim, implicit or explicit, on any post.

Director, HARSAC



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APPLICATIONS INVITED

Applications are invited from eligible candidates on prescribed proforma (available on HARSAC's web site) for the following posts purely on contractual basis under various projects:-

Sr. No.	Name of Post	Number of posts	Period	Name of Project
1.	Geo-spatial Data Development Officer	01	One Year	"Digitization, Geo-referencing & superimposition of Layout Plans, Sajra Plans and development of GIS System for HSVP properties"
2.	Sr. Software Development Officer	02		
3.	Database Programmer / MIS Specialist	01		
4.	Mobile App Developer (android and IOS developer)	01		
5.	Software Developer	02		
6.	Software Tester	01		
7.	Research Associate (RA)-III : Artificial Intelligence / Machine Learning (AI /ML)	02		
8.	Research Associate (RA)-I Urban Planner	01		
9.	Research Associate (RA)-I Surveying Expert for GCP Collection / CORS	02		
10.	Project Fellow	22		
11.	Junior Project Assistant (Survey)	05		
12.	Junior Project Assistant	06		
13	Sr. GIS Developer	01	One Year	Rejuvenation of Ponds / Water Bodies in Haryana State
14	Sr. Developer	01		
15	Android Developer	01		
16	Sr. Software Developer(Application)	01	One Year	Creation of a GIS cell in Municipal

17.	Sr. Software Developer (Data)	01		Corporation, Faridabad (Phase-II)
18	Jr. Software Developer (Application)	01		
19	Jr. Software Developer (Data)	01		
20	Jr. Software Developer (Android)	01		
21	Jr. Software Developer (IOS)	01		
22	Project Fellow	05	1 Year	Establishment of HARSAC GIS Lab at District Level
23	Junior Project Assistant	01		
24	Project Fellow	01	Upto Dec. 2022	"Block / village level Yield assessment of Wheat and mustard crop using satellite and weather data
25	Junior Project Assistant	01	One Year	"Mapping of Mining areas of Haryana on Satellite and Geo-referenced Cadastral Maps and delineating its boundary based on pillars using DGPS technology"
26	Project Fellow	02	Upto 30.06.2022	"Space Based Information Support for Decentralized Planning – Update (SISDP-U)"
27	Project Assistant	01	Upto 30.09.2022	"Forecasting Agricultural output using Space Agrometeorology and land based observations (FASAL)
28	Team Lead (Image Processing)	01	One Year	"Drone Imaging & Information Services of Haryana Ltd."
29	GIS Technician (Image Processing)	05		
30.	Team Lead (Digitization / Feature Extraction)	02		
31	GIS Technician (Digitization / Feature Extraction)	10		
32	Project Fellow	01	UptoDec. 2022 (Likely to be extended)	Coordinated Horticulture Assessment and Management using Geo-Informatics (CHAMAN)

The desired qualifications for above said posts are given as under: -

"Digitization, Geo-referencing & superimposition of Layout Plans, Sajra Plans and development of GIS System for HSVP properties"					
Sr. No	Name of Post	Nos. of Post	Qualification	Period	Place of Work
1.	Geo-spatial Data Development Officer	01	<p>Essential Qualifications:</p> <p>Master degree in Computers / Geo-spatial technology from any University / Professional Institution recognized by Government.</p> <p>Minimum 5+ years of experience in the GIS database development / customization.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Experience with Geographic Information System (GIS) / web- mapping. • Familiar with ESRI ArcGIS software, CAD, Sound knowledge of spatial analytics and modeling. • Knowledge of Remote Sensing • Knowledge of data classification standards and open data standards • Experience with coding, spatial database development strong analytical and communication skills. 	One Year	Any wherein Haryana.
2.	Sr. Software Development Officer	01	<p>Essential Qualifications:</p> <p>Master degree in Computers / IT/ Geo-informatics from any University / Professional Institution recognized by Government.</p>	One Year	

			<p>Minimum 5+ years of experience.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Development of Web and REST APIs with Node Js and .net • Familiarity with the ASP.NET framework, and Express Js Node framework, SQL Server and design /architectural patterns. • Preferably good if experience in location, tracking mobile App and APIs & dashboards. • Good skills in bugs resolutions, DB Planning & Designing the architectures. • Should be following API Documentation process flows & data, speed optimization in gathering – posting the data from / to the server • Knowledge of ASP.NET, SQL Server, HTML, CSS, JavaScript and C#, Node Js, Postgre SQL, Prepare and maintain code for various.Net applications and resolve any defects in systems. 		
3.	Database Programmer / MIS Specialist	02	<p>Essential Qualifications:</p> <p>Master degree in Computers / IT/ Geo-informatics from any university / Professional Institution recognized by Government. Minimum 3+ years of experience.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Working experience on MS SQL Server / PostgreSQL Server. 	One Year	

			<ul style="list-style-type: none"> • Handling the Database /Enterprise Geo-database. • Creating Database /Enterprise Geo-database. • Providing database support in day to day operation. • Experience with Performance Tuning and Optimization (PTO), using native monitoring and troubleshooting tools • Experience with backup, restores and recovery models. • Knowledge of High Availability (HA) and Disaster Recovery (DR) options for SQL Server. • Experience working with Windows server, including Active Directory. • Excellent written and verbal communication. • Flexible, team player, "get-it-done" personality. • Ability to organize and plan work independently. • Ability to work in a rapidly changing environment. • Ability to multi-task and context-switch effectively between different activities and teams • MIS reports. 		
4.	Mobile App Developer (Android and IOS developer)	01	<p>Essential Qualifications:</p> <p>Master degree in Computers / IT / Geoinformatics from any university / Professional Institution recognized by Government.</p> <p>Minimum 3+ years of</p>	One Year	

			<p>experience.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Android and IOS development experience (6 months- 2years). • Strong knowledge of Android APIs and Frameworks. • A deep familiarity with Objective-C, Cocoa Touch and swift. • Experience working with IOS frameworks such as Core Data, Core Animation, Core Graphics and Core Text. • Additional skills in SQL, MySQL, PostgreSQL and other RDBMS. Comfortable with CSS, XHTML, XML, JavaScript, JQuery and Ajax. • Knowledge of Java Native Interface (preferred) • Sound knowledge on object-oriented programming Expertise in Git, MySQL, XML, JSON and Web Service. • Knowledge of Java Native Interface (preferred). • GIS programming background (preferred) • Able to write and debug cross-platform code for mobile database. • API written knowledge will be given added advantage. 		
5.	Software Developer	02	<p>Essential Qualifications:</p> <p>Master degree in</p>	One Year	

			<p>Computers / IT/ Geo-informatics from any university / Professional Institution recognized by Government. Minimum 2+years of experience.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Development of Web and REST APIs with Node Js and .net • Familiarity with the ASP.NET and Express Js Node framework, SQL Server and design /architectural patterns. • Preferably good if Experience in location, tracking mobile app apis& dashboards. • Knowledge of ASP.NET, SQL, Server, HTML, CSS, Java Script, and C#, Node Js, PostgreSQL Prepare. 		
6.	Software Tester	01	<p>Essential Qualifications:</p> <p>Master degree in Computers / IT/ Geo-informatics from any university / Professional Institution recognized by Government. Minimum 2+years of experience.</p> <p>Desirable :</p> <ul style="list-style-type: none"> • Reviewing software requirements and preparing test scenarios. • Executing tests on software usability. • Analyzing test results on database impacts, errors or bugs and usability. • Postman or other 	One Year	

			<p>API testing tools.</p> <ul style="list-style-type: none"> • Preparing reports on all aspects related to the software testing carried out and reporting to the design team. • Knowledge of JavaScript, HTML and CSS. • Develop testing best practices, and an emphasis on security best practices. • Written test scripts. 		
7.	Research Associate (RA)-III : Artificial Intelligence / Machine Learning (AI /ML)	02	<p>Essential Qualification: 3 years of research, teaching, design and development experience after 1st Class M.Sc. / MCA/ M.Tech. in Geoinformatics / Computer Science/Urban Planning / Artificial Intelligence / Machine Learning (AI/ML) technique.</p> <p>Or Doctorate or equivalent degree in relevant field.</p> <p>Two years experience after obtaining essential qualification.</p> <p>At least one research paper published in a peer reviewed journal.</p> <p>Desirable :</p> <p>Work experience relevant to Artificial Intelligence / Machine Learning (AI /ML) technique.</p>	One Year	
8.	Research Associate (RA)-I Urban Planner	01	<p>Essential qualification:</p> <p>Minimum 3 years of research, teaching, design and development experience after 1st class M.Sc./ MCA/ M.Tech in relevant field i.e. Geoinformatics / Computer Science / Urban Planning.</p> <p>OR</p>	One Year	

			<p>Doctorate or equivalent degree in the relevant field.</p> <p>At least one research paper published in a peer reviewed journal.</p> <p>Desirable : Work experience relevant to urban planning.</p>		
9.	Research Associate (RA)-I Surveying Expert for GCP Collection / CORS	02	<p>Essential Qualification:</p> <p>Minimum 3years of research, teaching, design and development experience after 1st class M.Sc./MCA/ M.Tech in relevant field i.e. Geo-informatics / Computer Science / Urban Planning/ Civil Engineering / with specialization in Geodesy / Geodetic Science.</p> <p>OR</p> <p>Doctorate or equivalent degree in relevant field</p> <p>At least one research paper published in a peer reviewed journal.</p> <p>Desirable : Work experience relevant to GCP Collection /CORS survey technique.</p>	One Year	
10.	Project Fellow	22	<p>1st Class Master's degree in Remote Sensing / GIS/ Geo-informatics.</p> <p>OR</p> <p>1st Class Master's degree in the relevant field i.e. Geography / Computer Science / Urban Planning / Civil Engineering with PG Diploma in Remote Sensing / GIS / Geo-informatics.</p>	One Year	
11	Junior Project Assistant	06	Geo-Informatics Assistant (GIA), ITI or ITI Diploma (COPA) with GIS		

12.	Junior Project Assistant (Survey)	05	experience.		
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“Rejuvenation of Ponds / Water Bodies in Haryana State”

Sr. No	Name of Post	Nos. of Post	Qualification	Period	Place of Work
13	Sr. GIS Developer	01	<p>Essential Qualifications:</p> <p>Master degree in Computers / Geospatial technology with experience in the GIS software development / customization. Minimum 3+ years of experience.</p> <p>Desirable:</p> <ul style="list-style-type: none"> •Work experience in GIS application development, remote sensing data application, and open source coding. 	One Year	HARSAC Node Gurugram / HARSAC, Hisar
14	Sr. Developer	01	<p>Essential Qualifications:</p> <p>Master degree in Computers with work experience in Software development.</p> <p>Minimum 3+years of experience.</p> <p>Desirable:</p> <ul style="list-style-type: none"> •Experience in JAVA script, Dotnet, C sharp, understanding of SQL server, Postgress SQL. Development of web-app. 		
15	Android Developer	01	<p>Essential Qualification</p> <p>Graduation in Computers with work experience in Android / IOS application development. Minimum 3+ years of experience.</p> <p>Desirable:</p> <ul style="list-style-type: none"> •Experience in the development of Android/ IOS applications and GIS applications. 		

Creation of a GIS Cell in Municipal Corporation, Faridabad (Phase-II)

Sr. No	Name of Post	Nos. of Post	Qualification	Period	Place of Work
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16	Sr. Software Developer (Application)	01	<p>Essential Qualification:</p> <p>Master degree in Computers / IT / Geoinformatics from any university / professional Institution recognized by Government. Minimum 3+ years of experience</p> <p>Desirable:</p> <ul style="list-style-type: none"> •Experience in the development of Android / IOS applications, and GIS applications. •Development of Web and REST APIs with Node Js and .net •Familiarity with the ASP.NET and Express JS Node framework, SQL Server and design / architectural patterns. •Preferably good if Experience in location, tracking mobile app apis& dashboards. •Good skills in bugs resolutions, DB Planning & Designing the architectures. •Should be following API Documentation process flows & data, speed optimizations in gathering-posting the data from/ to the server. •Knowledge of ASP.NET, SQL Server, HTML, CSS, JavaScript, and C#, Node Js, PostgreSQL Prepare. 	One Year	HARSAC Node Gurugram / HARSAC, Hisar
17	Sr. Software Developer (Data)	01	<p>Essential Qualification:</p> <p>Master degree in Computers /IT / Geoinformatics from any university / Professional Institution recognized by Government. Minimum 3+ years of experience</p> <p>Desirable:</p> <ul style="list-style-type: none"> •Development of Web and REST APIs with Node Js and .net 	One Year	HARSAC Node Gurugram / HARSAC, Hisar

			<ul style="list-style-type: none"> •Familiarity with the ASP.NET and Express JS Node framework, SQL Server and design / architectural patterns. •Preferably good if Experience in location, tracking mobile app apis& dashboards. •Good skills in bugs resolutions, DB Planning & Designing the architectures. •Should be following API Documentation process flows & data, speed optimizations in gathering-posting the data from / to the server. •Knowledge of ASP.NET, SQL Server, HTML, CSS, JavaScript, and C#, Node Js, PostgreSQL Prepare. 		
18	Jr. Software Developer (Application)	01	<p>Essential Qualification:</p> <p>Master degree in Computers / IT/ Geoinformatics from any university / Professional Institution recognized by Government. Minimum 1+ year of experience.</p> <p>Desirable:</p> <ul style="list-style-type: none"> •Android and IOS application experience (6 months – 2 years). •Strong knowledge of Android APIs and Frameworks. •A deep familiarity with Objective-C, Cocoa Touch and swift. •Experience working with iOS frameworks such as Core Data, Core Animation, Core Graphics and Core Text. •Additional skills in SQL, MySQL, PostgreSQL and other RDBMS. Comfortable with CSS, 	One Year	HARSAC Node Gurugram / HARSAC, Hisar

			<p>XHTML, XML, JavaScript, JQuery and Ajax.</p> <ul style="list-style-type: none"> •Knowledge of Java Native Interface (preferred). •Sound knowledge on object-oriented programming. Expertise in Git, MySQL, XML, JSON, and Web Service. •Knowledge of Java Native Interface (preferred). •GIS programming background (preferred). •Able to write and debug cross-platform code for mobile database. <p>•API written knowledge will be given added advantage.</p>		
19	Jr. Software Developer (Data)	01	<p>Essential Qualification:</p> <p>Masters degree in Computers / IT/ Geoinformatics from any university / Professional Institution recognized by Government. Minimum 1+ years of experience.</p> <p>Desirable:</p> <ul style="list-style-type: none"> •Android and IOS development experience (6months-2years). •Strong knowledge of Android APIs and Frameworks. •A deep familiarity with Objective-C, Cocoa Touch and swift. <ul style="list-style-type: none"> •Experience working with iOS frameworks such as Core Data, Core Animation, Core Graphics and Core Text. •Additional skills in SQL, MySQL, PostgreSQL and other RDBMS. <p>Comfortable with CSS, XHTML,XML, Java Script, JQuery and Ajax.</p> <ul style="list-style-type: none"> •Knowledge of Java 	One Year	

			<p>Native Interface (preferred).</p> <ul style="list-style-type: none"> •Sound knowledge on object-oriented programming. Expertise in Git, MySQL, XML, JSON, and Web Service. •Knowledge of Java Native Interface (preferred). •GIS programming background (preferred). •Able to write and debug cross-platform code for mobile data base. •API written knowledge will be given added advantage. 		
20	Jr. Software Developer (Android)	01	<p>Essential Qualification:</p> <p>Master degree in Computers / IT/ Geoinformatics from any university/ Professional Institution recognized by Government. Minimum 1+ years of experience.</p> <p>Desirable:</p> <ul style="list-style-type: none"> •Android development experience (6months-2 years). •Strong knowledge of Android APIs and Frameworks. •A deep familiarity with Objective-C, Cocoa Touch and swift. •Experience working with iOS frameworks such as Core Data, Core Animation, Core Graphics and Core Text. •Additional skills in SQL, MySQL, PostgreSQL and other RDBMS.Comfortable with CSS, XHTML, XML, JavaScript, JQuery and Ajax. •Knowledge of Java Native Interface (preferred). •Sound knowledge on object-oriented 	One Year	

			<p>programming. Expertise in Git, MySQL, XML, JSON, and Web Service.</p> <ul style="list-style-type: none"> •Knowledge of Java Native Interface (preferred). •GIS programming background (preferred). •Able to write and debug cross-platform code for mobile database. •API written knowledge will be given added advantage. 		
21	Jr. Software Developer (IOS)	01	<p>Essential Qualification:</p> <p>Master degree in Computers / IT/ Geo-informatics from any university/ Professional Institution recognized by Government. Minimum 1+ years of experience.</p> <p>Desirable:</p> <ul style="list-style-type: none"> •IOS development experience (6 months-2 years). •Strong knowledge of Android APIs and Frameworks. •A deep familiarity with Objective-C, Cocoa Touch and swift. •Experience working with iOS frameworks such as Core Data, Core Animation, Core Graphics and Core Text. •Additional skills in SQL, MySQL, Postgre SQL and other RDBMS. Comfortable with CSS, XHTML, XML, JavaScript, JQuery and Ajax. •Knowledge of Java Native Interface (preferred). •Sound knowledge on object-oriented programming. Expertise in Git, MySQL, XML, JSON, and Web Service. 	One Year	

			<ul style="list-style-type: none"> •Knowledge of Java Native Interface (preferred). •GIS programming background (preferred). •Able to write and debug cross-platform code for mobile database. •API written knowledge will be given added advantage. 		
"Establishment of HARSAC GIS Lab at District Level"					
22	Project Fellow	05	<p>Essential Qualification:</p> <p>1st class Master Degree in Agronomy / Energy Environmental Sciences/ Geography/ Meteorology / Soils with PG Diploma from a recognized institute / organization in RS /GIS/ Geo spatial technology / Geomatics.</p> <p style="text-align: center;">OR</p> <p>1st Class Master degree in RS /GIS / Geoinformatics / Geomatics / Geo spatial technology.</p>	One Year	Any district GIS Lab
23	Jr. Project Assistant	01	<p>Essential Qualification:</p> <p>One year diploma course in Geo-Informatics Assistant (GIA) from ITI</p>	One year	Any district GIS Lab
"Block / village level Yield assessment of Wheat and mustard crop using satellite and weather data"					
24	Project Fellow	01	<p>Essential Qualification:</p> <p>1st Class Master's Degree in Environmental Sciences / Geography /Agriculture with PG Diploma from a recognized institute / organization in RS/ GIS / Geospatial Technology / Geomatics.</p> <p style="text-align: center;">OR</p> <p>1st Class Master Degree in Remote Sensing / GIS / Geoinformatics/Geomatics / Geospatial Technology.</p>	Upto 31 st Dec. 2022	HARSAC, Hisar

"Mapping of Mining areas of Haryana on Satellite and Geo-referenced Cadastral Maps and delineating its boundary based on pillars using DGPS technology"					
25.	Junior Project Assistant	01	Essential Qualification: One year diploma course in Geo-Informatics Assistant (GIA) from ITI	One year	
"Space Based Information Support for Decentralized Planning – Update (SISDP-U)"					
26	Project Fellow	02	Essential Qualification: 1 st Class M.Tech / M.Sc. in Remote Sensing / GIS / Geoinformatics/ Geomatics from a recognized Institute.	Upto 30 th June 2022 Likely to be extended	HARSAC Hisar
"Forecasting Agricultural output using Space Agrometeorology and land based observations (FASAL)					
27	Project Assistant	01	Essential Qualification: Master Degree in Remote Sensing / GIS / Geoinformatics / Geomatics / Geospatial Technology.	Upto 30.09.2022 and likely to be extended	HARSAC, Hisar
"Drone Imaging & Information Services of Haryana Ltd."					
28	Team Lead (Image Processing)	01	Essential Qualification : Minimum 3 years of research, teaching, design and development experience after 1 st class M.Sc. / MCA / M.Tech. from a recognized university in Geo-informatics & Photogrammetry / Geospatial Sciences / Computer Science / Mathematics. OR Doctorate or equivalent degree from a recognized university in the relevant field.		

			<p>Two years' experience after obtaining essential qualification.</p> <p>And</p> <p>At least one research paper in Science Citation Indexed (SCI) Journal.</p> <p>Desirable :</p> <ul style="list-style-type: none"> • Knowledge of GPS / DGPS based instruments / CORS survey, data processing and handling of outputs. • Working experience on the latest technology of drone image processing on raw data to generate DSM, DTM, Contours, ortho-mosaic, 3D models for the different projects like land mapping etc. • Working knowledge of Pix4D, Correlator3D, Site Scan for ArcGIS, Agisoft Photo scan Pro, ERDAS Imagine, ENVI etc. • Data management of UAV data outputs in various formats. • Capability to resolve issues in processing of UAV data including point cloud classification. • QA /QC of data. 		
29.	GIS Technician (Image Processing)	05	<p>Essential Qualification:</p> <p>1st Class Master's degree from a recognized university in Remote Sensing / GIS / Geo-Informatics & Photogrammetry / Geo-spatial Sciences / Computer Science / Mathematics.</p> <p>AND</p> <p>The candidate have cleared NET tests- CSIR,</p>		

			<p>UGC, NET including Lectureship (Assistant Professorship) and GATE or should have cleared any National Level examination, such as DST / DBT / DOS / DAE / DRDO / ICAR / IISC etc.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Knowledge of GPS / DGPS based instruments / CORS survey, data processing and handling of outputs. • Working experience of 1 year on the latest technology of drone image processing on raw data to generate DSM and DTM and ortho-mosaic, 3D models. • Working knowledge of Pix4D, Correlator3D, Site Scan for ArcGIS, Agisoft Photo scan Pro, ERDAS Image, ENVI etc. 		
30	Team Lead (Digitization / Feature Extraction)	02	<p>Essential Qualification: Minimum 3 years of research, teaching, design and development experience after 1st class M.Sc./ MCA / M.Tech from a recognized university in relevant field of Geo-informatics & Photogrammetry / Geo-spatial Sciences/ Computer Sciences/ Mathematics.</p> <p>OR</p> <p>Doctorate or equivalent degree from a recognized university in relevant field.</p> <p>Two years' experience after obtaining essential qualification.</p> <p>At least one research paper in Science Citation Indexed (SCI) Journal.</p>		

			<p>Desirable:</p> <ul style="list-style-type: none"> • Should have more than one year of experience in UAV Image Interpretation and feature extraction. • Knowledge of GPS/ DGPS based instruments / CORS survey, data processing and handling of outputs • Knowledge and working experience on ARCGIS / QGIS etc. (latest technology / software) of automatic / manual feature extraction using Orthorectified Images generated from UAV. • Knowledge of attribute collection and field addition, merging of various attribute tables in ARCGIS and QGIS. • Knowledge of data model structure and layout of maps. • Reporting and maintenance of created data base. • QA/QC of data. 		
31	GIS Technician (Digitization / Feature Extraction)	10	<p>Essential Qualification:</p> <p>1st Class Master's degree from a recognized university in Remote Sensing/ GIS/ Geo-Informatics / Geospatial Sciences / Computer Science / Mathematics.</p> <p>AND</p> <p>The candidates have cleared NET tests- CSIR, UGC, NET including Lectureship (Assistant Professorship) and GATE or should have cleared any National Level examinations, such as DST / DBT / DOS / DAE / DRDO / ICAR / IISC etc.</p>		

			<p>Desirable: Should have more than one year of experience in UAV Image Interpretation and feature extraction.</p> <ul style="list-style-type: none"> • Knowledge of GPS / DGPS based instruments / CORS survey, data processing and handling of outputs. • Knowledge and working experience on ARCGIS/QGIS etc. (latest technology/software) of automatic / manual features extraction using Orthorectified images generated from UAV. • Knowledge of attribute collection and field addition, merging of various attribute tables in ARCGIS and QGIS. • Knowledge of data model structure and layout of maps. 		
Coordinated Horticulture Assessment and Management using geoinformatics (CHAMAN)					
32.	Project Fellow	01	<p>Essential Qualification: 1st Class Master's Degree in Soils/ Geography/Meteorologywith PG Diploma in RS / GIS / Geospatial Technology / Geomatics, from a recognized institute /organization.</p>	Upto 04 months (Likely to be extended)	HARSAC, Hisar

Detail of emoluments of IT Resources Persons:

Sr. No.	Name of Post	Emoluments (in Rs.)
1.	Geo-spatial Data Development Officer	90000
2.	Sr. Software Development Officer	90000
3.	Database Programmer / MIS Specialist	75600
4.	Mobile App Developer (android and IOS developer)	75600
5.	Software Developer	56700
6.	Software Tester	56700
7.	Sr. Software Developer (Application)	66,150

8.	Sr. Software Developer (Data)	66,150
9.	Jr. Software Developer (Application)	37,406
10.	Jr. Software Developer (Data)	37,406
11.	Jr. Software Developer (Android)	37,406
12.	Jr. Software Developer (IOS)	37,406
13.	Sr. GIS Developer	75,600
14.	Sr. Developer	66,150
15.	Android Developer	56,700
16.	Team Lead (Image Processing)	54000/-+HRA
17.	GIS Technician (Image Processing)	31000/-+HRA
18.	Team Lead (Digitization / Feature Extraction)	54000/-+HRA
19.	GIS Technician (Digitization / Feature Extraction)	31000/-+HRA
20.	Research Associate-III	40000/- + HRA 54000/-+HRA (Revised)*
21.	Research Associate-I	36000/-+HRA 47000/-+HRA (Revised)*
22.	Project Fellow	25000/- + HRA 31000/- + HRA (Revised)*
23.	Project Assistant	25000/-
24.	Junior Project Assistant	15000/-

1. Research Associate-III

*Revised salary of Rs. 54000/- + HRA shall be paid to the candidates who are having the above essential qualifications with at least One research paper published in Science Citation Indexed (SCI) journal in the relevant field.

2. Research Associate -I

*Revised salary of Rs. 47000/- + HRA shall be paid to the candidates who are having the above essential qualifications with at least One research paper published in Science Citation Indexed (SCI) journal in the relevant field.

3. Project Fellow:

Revised salary of Rs. 31000/- + HRA shall be paid to the Candidates having NET tests- CSIR, UGC NET including lectureship (Assistant Professorship) and GATE or should have cleared any National Level examinations, such as DST/DBT/DOS/DAE/DRDO/ICAR/IISC etc.

* **No. of posts may be decreased or increased as per the requirement of project.**

APPLICATION FORM

1) Post Applied for :

2) Name of the Project :

3) Name of the Candidate in full :

4) Date of Birth :

5) Name of Father/ Husband :

6) Contact Tel/Mobile No. :

7) E-mail Address :

8) Nationality :

9) Address for correspondence :

(in block letters)

10) Permanent Address :

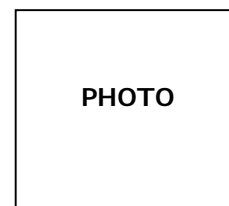
11) Whether SC/ST/OBC/General :

12) Educational/Professional Qualifications (Matriculation onwards):

Sr. No.	Examination Passed (Indicate name of degree)	University/ Board	Year of Passing	Division	Exact % of marks	Subjects Studied
1.	10 th class					
2.	12 th Class					
3.	Graduation					
4.	Master Degree					
5	Preferred Qualification (RS & GIS)					
6.	Higher Qualification, if any					

13) Relevant Experience (Only in GIS & RS) :

14) No. of Publications (Attach Xerox copies) :



15) If selected, minimum time required to join the post :

16) Application fee details: D. D./ I.P.O./ No. _____. Dated: _____

17) Any other information you wish to add :

18. **DECLARATION**

I affirm that the information given in this application is true and correct to the best of my knowledge and belief. I also fully understand that if at any stage it is discovered that an attempt has been made by me to willfully conceal or misrepresent the facts, my employment may be terminated along with any other legal action deemed fit under the law.

Signature of the candidate with date

List of enclosures (Self attested copies of all the certificates should be attached):

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

Note:

Application Form should be enclosed with Rs.200 (D.D. / I.P.O. in favor of Director, HARSAC payable at Hisar). Cash will not be accepted.