



## 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](http://www.harsac.org) E-mail: [contact@harsac.org](mailto:contact@harsac.org)

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### 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](http://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 **02.09.2022 upto 04:30PM**. 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. **Candidates those who had applied earlier for these posts, no need to apply again against these posts.**

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
01.	Mobile App Developer (Android and IOS developer)	01	One Year	"Digitization, Geo-referencing & superimposition of Layout Plans, Sajra Plans and development of GIS System for HSVP properties"
02.	Research Associate (RA)-III : Artificial Intelligence / Machine Learning (AI /ML)	02		
03.	Database Programmer / MIS Specialist	01		
04.	Software Tester	01		
05.	Sr. GIS Developer	01	One Year	Rejuvenation of Ponds / Water Bodies in Haryana State
06.	Sr. Developer	01		
07.	Android Developer	01		
08.	Sr. Software Developer (Application)	01	One Year	Creation of a GIS cell in Municipal Corporation, Faridabad (Phase-II)
09.	Sr. Software Developer (Data)	01		
10.	Jr. Software Developer (Application)	01		
11.	Jr. Software Developer (Data)	01		
12.	Jr. Software Developer (Android)	01		
13.	Jr. Software Developer (IOS)	01		

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

<b>“Digitization, Geo-referencing &amp; superimposition of Layout Plans, Sajra Plans and development of GIS System for HSVP properties”</b>					
<b>Sr. No</b>	<b>Name of Post</b>	<b>Nos. of Post</b>	<b>Qualification</b>	<b>Period</b>	<b>Place of Work</b>
1.	Mobile App Developer (Android and IOS developer)	01	<p><b>Essential Qualifications:</b></p> <p>Master degree in Computers/IT/Geo-informatics from any university/Professional Institution recognized by Government. Minimum 3+ years of experience.</p> <p><b>Desirable:</b></p> <ul style="list-style-type: none"> <li>• Android and IOS development experience (6 months- 2years).</li> <li>• Strong knowledge of Android APIs and Frameworks.</li> <li>• A deep familiarity with Objective-C, Cocoa Touch and swift.</li> <li>• Experience working with IOS frameworks such as Core Data, Core Animation, Core Graphics and Core Text.</li> <li>• Additional skills in SQL, MySQL, PostgreSQL and other RDBMS. Comfortable with CSS, XHTML, XML, JavaScript, JQuery and Ajax.</li> <li>• Knowledge of Java Native Interface (preferred)</li> <li>• Sound knowledge on object-oriented programming Expertise in Git, MySQL, XML, JSON and Web Service.</li> <li>• GIS programming background (preferred)</li> <li>• Able to write and debug cross-platform code for mobile database.</li> <li>• API written knowledge will be given added advantage.</li> </ul>	<b>One Year</b>	Any where in Haryana
2.	Research Associate (RA)-III : Artificial Intelligence / Machine Learning (AI /ML)	02	<p><b>Essential Qualification:</b></p> <p>3 years of research, teaching, design and development experience after 1<sup>st</sup> Class M.Sc. / MCA/ M.Tech. in Geo-informatics / Computer Science/Urban Planning / Artificial Intelligence / Machine Learning (AI/ML) technique.</p> <p style="text-align: center;">Or</p> <p>Doctorate or equivalent degree in relevant field.</p> <p>Two years experience after obtaining essential qualification.</p>	<b>One Year</b>	Any where in Haryana

			<p>At least one research paper published in a peer reviewed journal.</p> <p><b>Desirable :</b> Work experience relevant to Artificial Intelligence / Machine Learning (AI /ML) technique.</p>		
3.	Database Programmer / MIS Specialist	01	<p><b>Essential Qualifications:</b> Master degree in Computers / IT/ Geoinformatics from any university / Professional Institution recognized by Government. Minimum 3+ years of experience.</p> <p><b>Desirable:</b></p> <ul style="list-style-type: none"> <li>• Working experience on MS SQL Server / PostgreSQL Server.</li> <li>• Handling the Database /Enterprise Geo-database.</li> <li>• Creating Database /Enterprise Geo-database.</li> <li>• Providing database support in day to day operation.</li> <li>• Experience with Performance Tuning and Optimization (PTO), using native monitoring and troubleshooting tools</li> <li>• Experience with backup, restores and recovery models.</li> <li>• Knowledge of High Availability (HA) and Disaster Recovery (DR) options for SQL Server.</li> <li>• Experience working with Windows server, including Active Directory.</li> <li>• Excellent written and verbal communication.</li> <li>• Flexible, team player, "get-it-done" personality.</li> <li>• Ability to organize and plan work independently.</li> <li>• Ability to work in a rapidly changing environment.</li> <li>• Ability to multi-task and context-switch effectively between different activities and teams</li> <li>• MIS reports.</li> </ul>	<b>One Year</b>	Any where in Haryana
4.	Software Tester	01	<p><b>Essential Qualifications:</b> Master degree in Computers / IT/ Geoinformatics from any university / Professional Institution recognized by Government. Minimum 2+years of experience.</p> <p><b>Desirable :</b></p> <ul style="list-style-type: none"> <li>• Reviewing software requirements and preparing test scenarios.</li> <li>• Executing tests on software usability.</li> <li>• Analyzing test results on database</li> </ul>	<b>One Year</b>	Any where in Haryana

			<ul style="list-style-type: none"> <li>impacts, errors or bugs and usability.</li> <li>Postman or other API testing tools.</li> <li>Preparing reports on all aspects related to the software testing carried out and reporting to the design team.</li> <li>Knowledge of JavaScript, HTML and CSS.</li> <li>Develop testing best practices, and an emphasis on security best practices.</li> <li>Written test scripts.</li> </ul>		
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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
05.	Sr. GIS Developer	01	<p><b>Essential Qualifications:</b> Master degree in Computers / Geospatial technology with experience in the GIS software development / customization. Minimum 3+ years of experience.</p> <p><b>Desirable:</b> •Work experience in GIS application development, remote sensing data application, and open source coding.</p>	One Year	HARSAC Node Gurugram / HARSAC, Hisar
06.	Sr. Developer	01	<p><b>Essential Qualifications:</b> Master degree in Computers with work experience in Software development.  Minimum 3+years of experience.</p> <p><b>Desirable:</b> •Experience in JAVA script, Dot net, C sharp, understanding of SQL server, Postgress SQL. Development of web-app.</p>		HARSAC Node Gurugram / HARSAC, Hisar
07.	Android Developer	01	<p><b>Essential Qualification</b> Graduation in Computers with work experience in Android / IOS application development. Minimum 3+ years of experience.</p> <p><b>Desirable:</b> •Experience in the development of Android/ IOS applications and GIS applications.</p>		HARSAC Node Gurugram / HARSAC, Hisar

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

Sr. No	Name of Post	Nos. of Post	Qualification	Period	Place of Work
08.	Sr. Software Developer (Application)	01	<p><b>Essential Qualification:</b> Master degree in Computers / IT / Geo-informatics from any university /</p>	One Year	HARSAC Node Gurugram /

			<p>professional Institution recognized by Government. Minimum 3+ years of experience</p> <p><b>Desirable:</b></p> <ul style="list-style-type: none"> <li>•Experience in the development of Android / IOS applications, and GIS applications.</li> <li>•Development of Web and REST APIs with Node Js and .net</li> <li>•Familiarity with the ASP.NET and Express JS Node framework, SQL Server and design / architectural patterns.</li> <li>•Preferably good if Experience in location, tracking mobile app apis&amp; dashboards.</li> <li>•Good skills in bugs resolutions, DB Planning &amp; Designing the architectures.</li> <li>•Should be following API Documentation process flows &amp; data, speed optimizations in gathering-posting the data from/ to the server.</li> <li>•Knowledge of ASP.NET, SQL Server, HTML, CSS, JavaScript, and C#, Node Js, PostgreSQL Prepare.</li> </ul>		HARSAC, Hisar
09.	Sr. Software Developer (Data)	01	<p><b>Essential Qualification:</b> Master degree in Computers /IT / Geo-informatics from any university / Professional Institution recognized by Government. Minimum 3+ years of experience</p> <p><b>Desirable:</b></p> <ul style="list-style-type: none"> <li>•Development of Web and REST APIs with Node Js and .net</li> <li>•Familiarity with the ASP.NET and Express JS Node framework, SQL Server and design / architectural patterns.</li> <li>•Preferably good if Experience in location, tracking mobile app apis&amp; dashboards.</li> <li>•Good skills in bugs resolutions, DB Planning &amp; Designing the architectures.</li> <li>•Should be following API Documentation process flows &amp; data, speed optimizations in gathering-posting the data from / to the server.</li> <li>•Knowledge of ASP.NET, SQL Server, HTML, CSS, JavaScript, and C#, Node Js, PostgreSQL Prepare.</li> </ul>	One Year	HARSAC Node Gurugram / HARSAC, Hisar
10.	Jr. Software Developer (Application)	01	<p><b>Essential Qualification:</b> Master degree in Computers / IT/ Geo-informatics from any university / Professional Institution recognized by Government. Minimum 1+ year of experience.</p> <p><b>Desirable:</b></p> <ul style="list-style-type: none"> <li>•Android and IOS application experience</li> </ul>	One Year	HARSAC Node Gurugram / HARSAC, Hisar

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

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



			<p>programming. Expertise in Git, MySQL, XML, JSON, and Web Service.</p> <ul style="list-style-type: none"> <li>•GIS programming background (preferred).</li> <li>•Able to write and debug cross-platform code for mobile database.</li> <li>•API written knowledge will be given added advantage.</li> </ul>		
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**Detail of emoluments of IT Resources Persons:**

Sr. No.	Name of Post	Emoluments (in Rs.)
1.	Mobile App Developer (android and IOS developer)	75600/-
2.	Research Associate-III	40000/- + HRA 54000/-+HRA (Revised) *
3.	Database Programmer / MIS Specialist	75600/-
4.	Software Tester	56700/-
5.	Sr. GIS Developer	75,600/-
6.	Sr. Developer	66,150/-
7.	Android Developer	56,700/-
8.	Sr. Software Developer (Application)	66,150/-
9.	Sr. Software Developer (Data)	66,150/-
10.	Jr. Software Developer (Application)	37,406/-
11.	Jr. Software Developer (Data)	37,406/-
12.	Jr. Software Developer (Android)	37,406/-
13.	Jr. Software Developer (IOS)	37,406/-

**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.

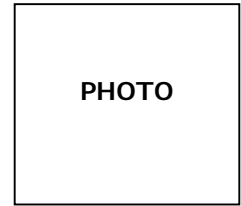
\* **No. of posts may be decreased or increased as per the requirement of project.**

**Note:**

**Candidates those who had applied earlier for these posts, no need to apply again against these posts.**

## 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 <sup>th</sup> class					
2.	12 <sup>th</sup> 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.