

SITUATION VACANT

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NIELIT Agartala on behalf of Directorate of Land Records & Settlement (DLRS), Revenue Department, Government of Tripura for National Geospatial Knowledge Based Land Survey of Urban Habitations (NAKSHA) Pilot project is looking for qualified, experienced and dynamic personnel for the various positions purely on contract basis with consolidated pay initially for a period of 1 (one) year. Online applications are invited from eligible and qualified Persons for the posts listed below:

Sl	Name of Post	No of Post	Qualification & Experience	Consolidated pay per month	Selection Process
1.	Expert (Land Administration)	01	Experience: Retired Civil Service Officers with a minimum of 7 years of experience in land administration- revenue/ registration/ consolidation/ survey having keen knowledge in Tripura Land Revenue & Land reforms Act-1960, Tripura Land Revenue & Land reforms Rules- 1961, Tripura Municipal Act-1994 and Rules made there under. Manager (Geospatial Technology)	Rs 1,20,000/- per month.	Interview- 100 marks
2.	Manager (Geospatial Technology)	01	Educational Qualifications: <input type="checkbox"/> Bachelor's degree in Engineering/Technology from a recognised University or Institute in a relevant field such as Civil Engineering, Computer Science, Geomatics Engineering, or related disciplines. <input type="checkbox"/> Certification in GIS/ Data analysis related courses with knowledge of Arc GIS/ QGIS, and other software related to GIS data processing and management is desirable. (iii) Programmer (MIS & GIS Developer) Experience: <input type="checkbox"/> At least 3 years of experience in managing and execution of GIS-related projects. <input type="checkbox"/> Proficiency in utilising GIS software such as ArcGIS, QGIS and other relevant tools for spatial data processing, mapping and database management.	Rs. 1,00,000/- per month.	Interview- 100 marks
3.	Programmer (MIS & GIS Developer)	01	Educational Qualifications: <input type="checkbox"/> Bachelor's degree in Engineering or Science, preferably in Computer Science or Information Technology. Experience: <input type="checkbox"/> Minimum of 3 years' experience in database administration, encompassing database design, implementation, optimisation and maintenance. <input type="checkbox"/> Proficiency in GIS-based software tool development, with a track record of designing and deploying solutions to meet project requirements.	Rs. 70,000/- per month	Written test (Objective type)- 50 marks Skill test-25 marks Interview- 25 marks
4.	GIS Technical Expert	01	Educational Qualifications: <input type="checkbox"/> Bachelor's degree in Engineering or Master's in Computer Applications/ Geo informatics or relevant fields. Experience: <input type="checkbox"/> A minimum of 3 years of experience in the development of GIS-based software tools is preferred. <input type="checkbox"/> Demonstrated proficiency in designing, developing and implementing GIS solutions to meet project requirements and objectives.	Rs. 70,000/- per month	Written test (Objective type)- 50 marks Skill test-25 marks Interview- 25 marks
5.	Remote Sensing Analyst	01	Educational Qualifications: <input type="checkbox"/> Bachelor's degree in Engineering or Master's in Computer Applications/ Geo informatics or relevant fields. Experience: <input type="checkbox"/> A minimum of 3 years of experience in the maintaining High Resolution Satellite Imageries and software tools like ERDAS Imagine, LPS, QGIS, ArcGIS is preferred. <input type="checkbox"/> Demonstrated proficiency in Orthorectification, mosaicking, analysis using satellite data to meet project requirements and objectives.	Rs. 70,000/- per month	Written test (Objective type)- 50 marks Skill test-25 marks Interview- 25 marks
6.	Data Entry Operator	01	Educational Qualifications: <input type="checkbox"/> Bachelor's degree in any stream Experience Required: <input type="checkbox"/> Minimum of 2 years of experience and proficient typing skills are preferred.	Rs. 30,000/- per month	Written test (Objective type)- 50 marks Skill test-25 marks Interview- 25 marks

Key responsibility area of posts to be filled are as follows:

1. Expert (Land Administration)

- ☐ Over-all In-charge of the program & shall ensure it's timely execution & completion. • Handle matters of land administration, revenue, and registration of states/ UTs, including maintaining accurate land records, resolving disputes, and ensuring compliance with legal requirements.
- ☐ Manage survey and re-survey works to accurately map land boundaries and ownership rights in urban as well as rural areas.
- ☐ Support in legal aspects and state specific requirements for NAKSHA pilot.

2. Manager (Geospatial Technology)

- ☐ Identify and define appropriate applications of the system and associated GIS products to meet programme objectives and stakeholder requirements.
- ☐ Utilise GIS software to create, update, and maintain maps based on collected survey data, ensuring accuracy and consistency in spatial representations.
- ☐ Plan and design analytic procedures and methodologies for performing GIS applications, optimising efficiency and effectiveness, in data analysis and interpretation.
- ☐ Conduct field training sessions related to GIS mapping and survey techniques, and track project progress to ensure adherence to timelines and quality standards.
- ☐ Ensure precision and reliability in spatial data collection.
- ☐ Digitise and geo-reference cadastral maps using High-Resolution Satellite Imagery (HRSI) to enhance the accuracy and accessibility of land records.
- ☐ Integrate textual and Spatial databases to facilitate comprehensive and interconnected data management and analysis.
- ☐ Create high-quality cartographic products for publication and presentation, adhering to cartographic principles and design standards.
- ☐ Conduct thorough data verification and quality control checks on maps, tables, and reports to ensure consistency, accuracy, and compliance with specifications.
- ☐ Supervise and ensure the proper use, care, and operation of GIS equipment.
- ☐ Manage GIS data effectively, including data storage, retrieval, manipulation, and analysis, utilizing image processing techniques and 3D mapping capabilities.
- ☐ Demonstrate working knowledge of GIS interoperability with various documents, spreadsheets, databases, and image formats to facilitate data exchange and integration.
- ☐ Support the implementation of the National Geospatial Policy and assist in framing standards for land parcel data management and dissemination.
- ☐ Respond to additional duties and responsibilities as assigned by senior officials.

3. Programmer (MIS & GIS Developer)

- ☐ Design, develop and implement IT solutions for NAKSHA, including defining use cases, preparing wireframes and leveraging open-source technologies to meet program requirements.
- ☐ Create and maintain Management Information Systems (MIS) and Geographic Information Systems (GIS) applications tailored to the needs of land records management.
- ☐ Assist in conducting User Acceptance Testing (UAT) of IT solutions, collaborating with end-users and stakeholders to identify issues, gather feedback and ensure that systems meet functional and usability requirements prior to deployment.
- ☐ Explore, evaluate and integrate open-source technologies and tools into the development process to optimise cost-effectiveness, interoperability and scalability of IT solutions within the programme.
- ☐ Document IT solutions, processes and procedures effectively, and provide training and support to end-users and stakeholders to facilitate smooth adoption and utilisation of developed applications.
- ☐ Respond to additional duties and responsibilities as assigned by senior officials.

4. GIS Technical Expert

- ☐ Utilize geo-informatics tools and techniques to understand and interpret trends in spatial data relevant to NAKSHA.
- ☐ Collaborate with stakeholders to identify and assess potential issues or challenges in GIS-related areas and develop effective solutions.
- ☐ Provide expertise and guidance on GIS-related matters to ensure compliance with standards and regulations, maintaining high-quality deliverables.
- ☐ Prepare reports and presentations on GIS trends, progress and solutions for stakeholders, ensuring accuracy and clarity in documentation.
- ☐ Respond to additional duties and responsibilities as assigned by senior officials
- ☐ Design, implement, and maintain GIS systems, platforms, and tools.
- ☐ Develop geo-spatial data collection methodologies and manage data integration.
- ☐ Utilize GIS Software to create and update maps based on the collected survey data
- ☐ Planning and designing the analytic procedures and methodologies for performing the applications
- ☐ Conduct field training related to GIS Mapping & Survey and also track the progress of the projects
- ☐ Survey/Resurvey of Land using DGPS/CORS Technology
- ☐ Digitization and Geo-referencing of Cadastral Maps

- ☐ Integration of Textual and Spatial Data base.
- ☐ Respond to additional duties and responsibilities as assigned by senior officials

5. Remote Sensing Analyst

- ☐ Collect remote sensing data from satellites, aerial surveys, drones, or other sources.
- ☐ Analyse and process raw satellite or aerial imagery using specialized software (e.g., ERDAS, ENVI, ArcGIS).
- ☐ Extract meaningful insights by interpreting imagery to identify land features, vegetation types, water bodies, or urban structures.
- ☐ Integrate remote sensing data with GIS tools for spatial analysis and mapping purposes.
- ☐ Develop and refine algorithms for automated classification, object detection, and change detection.
- ☐ Conduct time-series analysis to track environmental changes, land-use patterns, or disaster impacts.
- ☐ Support predictive modelling using remote sensing datasets to forecast trends or simulate scenarios.
- ☐ Work with land experts, urban planners, and policymakers to provide geospatial insights for decision-making.
- ☐ Prepare detailed reports, visualizations, and presentations to communicate findings to stakeholders.
- ☐ Ensure the accuracy and reliability of remote sensing data and analyses through rigorous quality checks.
- ☐ Train team members or stakeholders in remote sensing techniques and software usage.
- ☐ Stay updated on advancements in remote sensing technologies, sensors, and data processing techniques.
- ☐ Respond to additional duties and responsibilities as assigned by senior officials

6. Data Entry Operator

- ☐ Accurately input data into computer systems, databases, or spreadsheets from various sources such as paper documents, digital files, or audio recordings.
- ☐ Review and verify data for accuracy and completeness, correcting errors when necessary.
- ☐ Update and maintain - data in systems, ensuring that records are current and organized.
- ☐ Organize and manage both digital and physical files, ensuring easy retrieval when needed.
- ☐ Regularly back up data to prevent loss and ensure data security.
- ☐ Create and format reports, tables, or summaries as required by supervisors or departments.
- ☐ Ensure data handling adheres to organizational policies and data privacy regulations.
- ☐ Meet daily, weekly, or monthly data entry quotas and deadlines.
- ☐ Identify and flag inconsistencies or discrepancies in data sources.
- ☐ Collaborate with team members or supervisors to clarify unclear information or resolve data-related issues.
- ☐ Operate office equipment and software such as MS Office, word processors, spreadsheets, and data management systems.
- ☐ Maintain strict confidentiality of sensitive information while handling and processing data.
- ☐ Respond to additional duties and responsibilities as assigned by senior officials

General Terms & Conditions

1. Interested candidates can apply in link mentioned below with copies of certificates, and recent passport-size photograph.
Portal link: <https://recruitment.nielitagt.in>
Opening date of portal for receipt of Application: 11/09/2025 at 10:00 A.M.
Closing date of portal for receipt of Application: 01/10/2025 at 6:00 P.M.
2. The date of the written test, skill test & interview will be available on the NIELIT Agartala website.
3. The candidates should upload only relevant documents. It should be kept in view that uploading of irrelevant documents may lead to disqualification of the candidature/rejection of the application Form. Non-submission of the documents in the specified format may also lead to cancellation / rejection of the Application Form. No communication shall be entertained in this regard.
4. The Pay mentioned above is consolidated. The selected candidate will not receive any other financial benefits like Medical, HRA, and Transport, etc., apart from the consolidated pay.
5. The selection of the candidate for the appointment to the above-mentioned position will be based on the candidate's performance in the interview/ written and eligibility as per the prescribed criteria.
6. The offer of appointment for the selected candidate will be subject to verification of original certificates/testimonials at the time of the interview and completion of other formalities.
7. Candidates will not be entitled to claim any TA/DA for appearing in the Interview.