

No. KUDSIT/492/SO AD/2024

Technocity, Dated 28.10.2024

NOTIFICATION

Kerala University of Digital Sciences, Innovation and Technology invites applications from qualified Indian Citizens for appointment to the following posts (on a contract basis) for the School of Digital Sciences. Candidates shall apply online through the Recruitment Portal. The guidelines for submission of applications are available in the recruitment portal.

DETAILS OF POST, QUALIFICATION, EXPERIENCE ETC. REQUIRE.

I

Job Code	: SG/102024/492
Name of post	: Senior Geoscientist
Name of Project	: Various Projects (Geospatial)
No. of Vacancies	: 01 no.
Remuneration	: 60,000 – 70,000 INR
Age:	: Should not exceed 40 as of the last date for submission of application.
Job responsibilities:	<ul style="list-style-type: none"> • Lead and oversee spatial analysis projects, ensuring precision and efficacy throughout the process. • Apply advanced geoprocessing capabilities across diverse tools and platforms to analyze spatial data and generate actionable insights for stakeholders. • Take charge of image processing, particularly focusing on feature extraction from Satellite, UAV, and building spatial databases in GIS format to fulfill customer demands and organizational objectives. • Supervise and administer web mapping capabilities for collaborative projects and initiatives concerning data sharing. • Employ advanced GIS tools to integrate and visualize both static and dynamic data, utilizing their versatility and extensive functionalities across various projects.



	<ul style="list-style-type: none"> • Collaborate with cross-functional teams to integrate geospatial data and analysis seamlessly into larger initiatives, ensuring alignment with project objectives. • Ensure adherence to quality workflow processes and documentation standards, ensuring compliance and meeting project specifications. • Oversee the preparation of technical documentation, reports, and presentations, ensuring accuracy and relevance.
Essential Educational Qualification	B.E /B.Tech. /M.Sc. in Geoinformatics/Remote sensing and GIS/Data Analytics and GIS or equivalent with a minimum 60% from a recognized university.
Essential Experience	Minimum 8 years of experience in Geospatial technology Applications, Experience in technical execution of projects
Desirable Skills	<ul style="list-style-type: none"> • Theoretical and practical proficiency in Geospatial and Remote Sensing Concepts. • Strong knowledge in GIS and image processing software such as ESRI suites, QGIS, ERDAS, SNAP, Pix4D Mapper • Experience in GIS based flood modelling using HEC-RAS. • Working experience on Spatial Analyst Tools. • Working experience in UAV based mapping and analysis. • Experience in satellite image processing and analysis. • Expertise in field data collection, pre-processing, analysis and modelling of multiple GIS datasets. • Experienced in providing teaching assistance or training in GIS and Remote Sensing concepts and tools. • Excellent communication skills.
Nature of Appointment	On contract basis for 1 Year. However, the term may be extended further based on the performance and project requirements.

II

Job Code	: GA/102024/492
Name of post	: Geospatial Analyst
Name of Project	: Various Projects (Geospatial)
No. of Vacancies	: 01 no.
Remuneration	: 45,000 – 55,000 INR
Age:	: Should not exceed 35 as of the last date for submission of application.



Job responsibilities:	<ul style="list-style-type: none"> • Support spatial analysis projects under supervision, focusing on accuracy and efficiency throughout the process. • Utilize basic geoprocessing capabilities across various tools and platforms to analyze spatial data and assist in deriving insights for stakeholders. • Assist in image processing tasks, including feature extraction from Satellite, UAV, and building spatial databases in GIS format to support customer needs and business objectives. • Assist in managing web mapping capabilities for collaborative projects and data sharing initiatives. • Use GIS tools to integrate and visualize both static and dynamic data, contributing to various projects under guidance. • Collaborate with interdisciplinary teams to integrate geospatial data and analysis into larger projects, aligning with project objectives. • Learn and adhere to quality workflow processes and documentation standards, ensuring compliance with project specifications. • Assist in the preparation of technical documentation, reports, and presentations under supervision.
Essential Educational Qualification	B.E /B.Tech. /M.Sc. in Geoinformatics/Remote sensing and GIS/Data Analytics and GIS or equivalent with a minimum 60% from a recognized university.
Essential Experience	Minimum 2 years of experience in Geospatial technology Applications, Experience in technical execution of projects
Desirable Skills	<ul style="list-style-type: none"> • Theoretical and practical proficiency in Geospatial and Remote Sensing Concepts. • Strong knowledge in GIS and image processing software such as ESRI suites, QGIS, ERDAS, SNAP, ODK Build • Working experience on Spatial Analyst Tools. • Working experience in UAV based mapping and analysis. • Experience in satellite image processing and analysis. • Expertise in field data collection, pre-processing, analysis and modelling of multiple GIS datasets. • Experienced in providing teaching assistance or training in GIS and Remote Sensing concepts and tools. • Excellent communication skills.
Nature of Appointment	On contract basis for 1 Year. However, the term may be extended further based on the performance and project requirements.



Job Code	: JGA/102024/492
Name of Post	: Junior Geospatial Analyst
Name of Project	: Various Projects (Geospatial)
No. of Vacancies	: 02 no.
Remuneration	: 35,000 – 45,000 INR
Age:	: Should not exceed 35 as of the last date for submission of application.
Job responsibilities:	<ul style="list-style-type: none"> • Assist in developing and maintaining Python-based scripts and applications tailored for geospatial data analysis, manipulation, and visualization. • Participate in researching, designing, and contributing to the implementation of Machine Learning / Deep Learning algorithms and models for pattern recognition, feature extraction, supporting predictive modeling, etc. • Support the integration of deep learning techniques with GIS platforms to extract valuable insights from satellite imagery and other geospatial data sources. • Utilize a combination of proprietary and open-source tools to conduct geospatial analysis, create datasets, and manage data effectively. • Utilize cloud-based platforms for accessing, processing, and performing analysis on large-scale geospatial datasets. • Offer basic technical support and GIS training sessions on proprietary and open-source tools, workflows, and fundamental practices. • Familiarize with integrating and utilizing the Open Data Cube to conduct analyses on earth-observation data.
Essential Educational Qualification	B.Tech. (IT)/B.Tech. (CS)/ MCA/M.Sc. Computer Science specialization in Geospatial analytics/Remote Sensing/Earth science/ Geoinformatics / or equivalent.
Essential Experience	Minimum 6 months of experience in GIS based Software / Python / Deep learning / Google Earth Engine.
	<ul style="list-style-type: none"> • Proficiency in Python programming language • Working knowledge of geospatial machine learning / deep



Desirable Skills	<p>learning concepts.</p> <ul style="list-style-type: none"> • Hands-on experience in QGIS, ArcGIS, GeoServer etc. • Expertise in working with cloud-based platforms (preferably GEE). • Ability to develop geoprocessing models and tools using Python • Strong understanding of spatial data management and spatial databases (preferably PostGIS) • Good communication skill
Nature of Appointment	On contract basis for 1 Year. However, the term may be extended further based on the performance and project requirements.

Age relaxation for submission of application: 5 years for candidates belonging to SC/ ST and 3 years for OBC candidates.

Mode of Selection: The selection will be based on a test and/or Interview

Venue of Test/Interview: The test /Interview will be conducted in Thiruvananthapuram district only.

Job Location: For all posts will be at Thiruvananthapuram

General Instructions

1. Scanned copy of the documents to prove age, qualifications, experience, etc. should be uploaded along with online application and originals to be produced as and when called for. Applications without attaching the above documents shall be summarily rejected. No further chance will be given for submitting the same.
2. Candidates should ensure that the particulars furnished by him/her are correct in all respects. Anything not specifically claimed in the application against the appropriate field will not be considered at a later stage. No deviation whatsoever from the filled in data will be entertained. In case it is detected at any stage of the recruitment that a candidate does not fulfill the eligibility norms and /or that he/she furnished any incorrect/false information or has suppressed any material fact, his/her candidature will stand cancelled. If suppression of material facts or furnishing of any incorrect/false information is detected even after appointment, his/her service is liable to be terminated.
3. Applications submitted without fulfilling the eligibility and other norms mentioned in this Notification as well as the instructions published in the Recruitment Portal of the University will be summarily rejected.
4. In case any discrepancy / ambiguity in the process of selection, the decision of the University shall be final and binding.
5. Applications submitted without fulfilling the eligibility and other norms mentioned in this notification as well as the instructions published in the recruitment portal of



the University will be summarily rejected.

6. Canvassing in any form will entail the cancellation of candidature.

How to Apply:

1. Applications shall be submitted online latest on **08/11/2024**. The application form is available at <https://www.duk.ac.in/careers>.
2. The applications received after the last date fixed or the incomplete applications or the applications without filling the relevant field will be summarily rejected.
3. No interim queries after the submission of the application will be entertained. The candidates will be intimated the schedule of the Test/ Interview through their registered email only.
4. The candidates are advised to check their registered e-mails regularly after the last date fixed for the submission of the application.
5. The University has the right to cancel the advertisement or entire selection process at any stage without assigning reason thereof and the decision of the University shall be final.

Registrar

* This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.

