

RADHANATH SIKDAR INSTITUTE OF GEOSPATIAL SCIENCE & TECHNOLOGY

A Geospatial Centre of Excellence

presents

SCHOOL GIS

LFT'S BE A PART OF THE SKILL INDIA MOVEMENT

Unlocking the Power of Geospatial Technology in School Education System



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Contact Us 9049043832

REGISTER NOW





Welcome to the World of Geospatia

GIS, or Geographic Information Systems, is a powerful technology that allows us to capture, store, analyze, and visualize spatial and geographic data. It enables us to understand patterns, relationships, and trends in data that are related to a specific location on Earth. GIS is used in a wide range of applications, including urban planning, environmental management, natural resource management, disaster management, public health, transportation, and more.



NEW DELHI

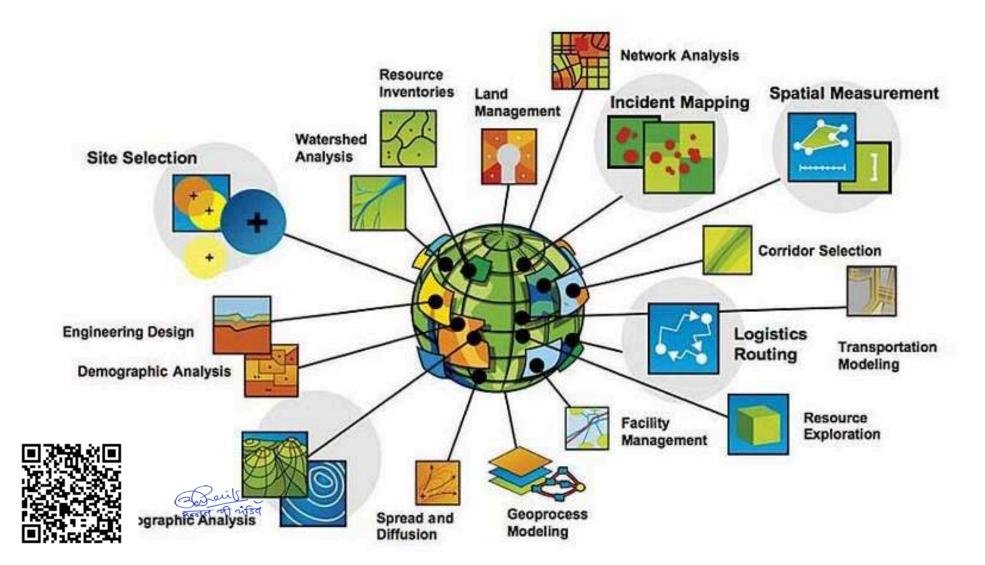
















JOB OPPORTUNITIES

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GIS and Remote Sensing experts can get hired at different levels in positions

- GIS MAPPING TECHNICIAN
- GIS DATA SPECIALIST
- GIS SCIENTIST
- GIS BUSINESS ANALYST

- GIS SOFTWARE ENGINEER
- GIS ENGINEER
- GIS PROGRAMMER
- GIS CONSULTANT









GIS (Geographic Information System) technology has become increasingly important tool in various industries, including urban planning, environmental management, and logistics. With its ability to analyze and visualize spatial data, GIS has revolutionized the way we view and understand the world around us. Recognizing the significance of GIS skills the modern workforce, it is required to start implementing GIS training programs, providing students with a valuable skillset that can pave the way for exciting career opportunities. The National Geospatial Policy also highlights the need for capacity building in the geospatial sector. By providing GIS skill development training at schools, we are laying the foundation for a skilled and competent geospatial workforce in the country. Students who receive GIS training will have a head start in pursuing careers in this field, contributing to the growth of the geospatial industry and its related sectors. This, in turn, aligns with the policy's ives of promoting innovation, entrepreneurship, and job creation in ospatial sector.

NATIONAL GEOSPATIAL POLICY & SCHOOL GIS

The implementation of GIS skill development training at schools aligns perfectly with the objectives outlined in the National Geospatial Policy. This policy emphasizes the importance of geospatial knowledge and technology in driving sustainable development, improving governance, and enhancing decision-making processes. By introducing GIS training at schools, students are exposed to spatial thinking from a young age. They learn to understand and analyze the world around them in terms of spatial relationships, patterns, and processes. This spatial literacy enables students to better comprehend complex issues and find innovative solutions to spatial problems. Moreover, it fosters a sense of responsibility towards nable development and





OBJECTIVES

- To promote digital literacy and geospatial skills among students.
- To encourage project-based learning and research using GIS technology
- Access to a user-friendly GIS platform tailored for school use.
- Curated datasets and educational resources for various subjects.
- Both Offline & Online tutorials and training materials for students and teachers.
- Support for project development and competitions.

BENEFITS

- Enhances spatial thinking and problemsolving skills.
- Makes learning more engaging and interactive.
- Prepares students for future careers in geospatial technology and related fields.
- Fosters a deeper understanding of global issues and their local impacts.



Role of RSIGST in SCHOOL GIS

TRAINING AND CAPACITY BUILDING

RSIGST will provide training sessions for teachers to familiarize them with GIS concepts, software tools, and how to integrate GIS into their teaching practices.

CURRICULUM

RSIGST will develop curriculum guidelines and to the school level. This includes creating lesson plans, exercises, and assessments that align

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PROJECT DEVELOPMENT

RSIGST will support schools in developing GIS projects for students, providing guidance on project design, data collection, analysis, and presentation.



MONITORING & EVALUATION

RSIGST will monitor the progress of the School GIS program through regular assessments and feedback from schools, teachers, and students.



NETWORKING & COLLABORATION

RSIGST will facilitate networking and collaboration among schools implementing GIS training. Also RSIGST will help the school to build networks with the relevant Govt.and Industry bodies like NATMO, ISRO etc.



training materials tailored

standards.



RECOGNITION & AWARDS

I.RSIGST will recognize and award schools, teachers, and students for their achievements and contributions to the School GIS program. This will help motivate participants and promote the program's success.





RSIGST SCHOOLGIS ADVANTAGES FOR SCHOOLS

- Business Development
- Promotion of Capacity Building
- Networking

hancing Digital Education

REG. No. - L-158449/2024

HOW TO JOIN

Sign a simple MOU to Join RSIGST School GIS initiative

TARGET CLASSES

- Class-IX & X
- Class-XI & XII

CONTACT US

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 - iigstkolkata@gmail.com 🌘
- 87/210, Raja S.C. Mallik Rd, Kolkata-47 💡





Radhanath Sikdar Institute of Geospatial Science & Technology (RSIGST)

Formerly International Institute of Geospatial Science & Technology (IIGST)

Radhanath Sikdar Institute of Geospatial Science & Technology (RSIGST), a Geospatial Centre of **Excellence of SAIARD** Trust, has been working since 2019 as a non-profit R&D organization, with a motto to promote research, advocacy, education, and innovative ideas for the application geospatial science and emerging technologies through publication, capacity building & outreach programs, collaborations and partnerships for sustainable and cognitive development of greater South Asia region.



RSIGST STATISTICS

RECOGNITIONS









100+ Training Programs

Internships



80+ Pilot Projects



15+ Running Courses



15K+

Participants

40+ Placements



07+
Publications

OUR CLINETS



















For More Details WWW.RSIGST.IN







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दिनांक/Dated:23/12/2024

1.	पंजीकरण संख्या/Registration Number	
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कृति प्रकाशित है या अप्रकाशित Whether the work is published or unpublished भारत सरकार,8Inte

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Years and countries of subsequent publications, if any, and names addresses and nationalities of the publishers

कृति में प्रतिलिप्यधिकार सहित विभिन्न अधिकारों के स्वामियों के नाम, पते और : राष्ट्रीयताएं और समनुदेशन और अनुज्ञप्तियों के विवरण के साथ प्रत्येक के

अधिकार का विस्तार, यदि कोई हो।
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14. यदि कृति एक 'कलात्मक कृति' है जो किसी भी माल या सेवाओं के संबंध में उपयोग की जाती है या उपयोग किए जाने में सक्षम है, तो आवेदन में प्रतिलिप्यधिकार अधिनियम, 1957 की धारा 45 की उप—धारा (i) के प्रावधान व अनुसार व्यापार चिह्न रजिस्ट्रार से प्रमाणन शामिल होना चाहिए। If the work is an 'Artistic work' which is used or capable of being used in relation to any goods or services, the application should include a certification from the Registrar of Trade Marks in terms of the provision to Sub-Section (i) of Section 45 of the Copyright Act, 1957.

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यदि कृति एक 'कलात्मक कृति' है, जो डिजाइन अधिनियम 2000 के तहत प्रक डिजाइन के रूप में पंजीकृत होने में सक्षम है, तो क्या यह औद्योगिक प्रक्रिया के माध्यम से किसी वस्तु पर प्रयुक्त की गई है और यदि हाँ, तो इसे कितनी बार पुनरुत्पादित किया गया है?

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आवेदन की तिथि/Date of Application:

L-158449/2024

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LITERARY/ DRAMATIC WORK SCHOOL GIS

SCHOOL GIS: A GEOSPATIAL SKILL DEVELOPEMENT PROGRAM OF RSIGST

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