

#### Rajasthan Geographical Association (RGA)







# National Conference

## Viksit Bharat@2047

Geospatial Technology and Emerging Trends in Geography for a Sustainable Future A Multidisciplinary Approach March, 10 - 12, 2025



**Book Post** 

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Organized by:

Department of Geography
S.S. Jain Subodh P.G. College
(Autonomous)

(Affiliated to University of Rajasthan, Jaipur)

Re-accredited in 4th cycle awarded with A++ Grade (3.60 CGPA-Highest in Northern India) by NAAC-UGC
Awarded with 81st Rank in "India Rankings 2024 : College" by NIRF-Ministry of Education, Government of India
Awarded status of "College of Excellence" by UGC

College with "STAR STATUS" recognized by DBT, Govt. of India, New Delhi
UGC recognized Mentor to NAAC accreditation aspiring colleges
Declared as Model College by the Government of Rajasthan

#### INVITATION

The Rajasthan Geographical Association (RGA) is Proud to announce its **50th (Golden Jubilee) National Geography Conference** hosted by the Department of Geography, S.S. Jain Subodh P.G. College, Jaipur, from March 10 - 12, 2025.

"Viksit Bharat @2047: Geospatial Technology and Emerging Trends in Geography for a Sustainable Future" A Multi-Disciplinary Approach

We cordially invite:

All members of the Geography Fraternity, Lifetime members of RGA, Researchers from allied disciplines to participate in this esteemed conference.

#### Exchange innovative ideas.

- Present innovative research papers.
- Engage in discussions on sustainable solutions.
- Discuss sustainable solutions for the future.
- Exchange ideas with experts.

#### **Key Highlights**

- Three-day-long academic program.
- Lectures by national and international experts.
- Sessions on the latest technologies and research trends in Geography.

Join us in shaping a sustainable future through Geography.

#### **ABOUTTHE COLLEGE**

"Subodh Shiksha Samiti" Jaipur, was established in 1918 by Shri Shwetambar Sthanakvasi Jain Samaj with the aim of promoting education. The Samiti founded S.S. Jain Subodh P.G. College in 1954, recognizing the importance of higher education for societal development. As a non-profit institution, the college completed a remarkable journey of over 70 years.

This college is widely recognized as one of the best college affiliated with the University of Rajasthan. The college campus boasts a lush green and state-of-the-art infrastructure and functions as a multi-faculty institution that integrates curricular and co-curricular activities, aiming to be a model of excellence. The College was ranked 81st in the NIRF rankings in India this year 2024. It is the only academic institution in Rajasthan that has consistently maintained its NIRF ranking for last six consecutive years. Recently, the college received the award for the "Best Private Autonomous College in Rajasthan" and was ranked 7th in India for its extraordinary contribution to the local community for 2024.

The college is accredited by UGC-NAAC with an **A++ grade and a CGPA of 3.60** in its fourth cycle of accreditation in November 2024. It has been awarded "Star Status" by the DBT, Government of India, New Delhi, and "**College of Excellence**" status by the UGC. Additionally, it holds the title of "**Model College**" from the Government of Rajasthan.

The college has consistently ranked among the top 100 colleges in India in national academic surveys conducted by reputed magazines such as India Today, Outlook, The Week, Education World, and Open Magazine. It has also achieved the first rank for MCA course under Rajasthan Technical University, Kota. Remarkably, the college scored 961 out of 1000 on the Quality Index, the highest score ever achieved by any institution in Rajasthan.

#### **ABOUT JAIPUR**

Jaipur, popularly known as the "Pink City," is the capital of Rajasthan. It is India's first planned city, designed based on the principles of Vastu Shastra and Shilpa Shastra. Jaipur was founded on November 18, 1727, by Maharaja Sawai Jai Singh II and is known for its rich historical and royal culture, art and traditions. It is a significant part of the "Golden Triangle" (Delhi-Agra-Jaipur) in Indian tourism. As per the 2011 Census, Jaipur is the 10th largest city in India.

Some of the places worth visiting here are Amer Fort, City Palace, Hawa Mahal, Jal Mahal, Sisodia Garden, and Chandra Mahal, which is an excellent example of Rajput architecture. The city is also home to several majestic forts like Jaigarh, Nahargarh, and Moti Dungri. Jantar-Mantar, a UNESCO World Heritage Site, and Albert Hall Museum are significant landmarks. Additionally, the beautiful Govind DevJi Temple, Birla Mandir, and Ganesh Mandir are among the must-visit religious sites in Jaipur.

The vibrant bazaars of Jaipur, are renowned for meenakari jewellry, bandhej and other local fabrics, jaipuri juttis, and Jaipuri quilts, making them a treasure trove for shoppers. This enchanting city, with its royal charm and cultural heritage, takes visitors on a journey back to an era of grandeur.

In March, Jaipur experiences pleasant and mildly cool weather. The average daytime temperature is around 30°C, while nighttime temperatures drop to 16°C, making it an ideal time for tourism.

#### **ABOUT RGA**

The Rajasthan Geographical Association is the oldest state-level Geographical Association in India. It was formed in 1965 during the first academic conference of Rajasthan Geographers, organized by the Department of Geography, M.L.V. Government College, Bhilwara, which later became the permanent headquarters of the association. The association was registered in 1971 under the Rajasthan Societies Act, 1958.

Its monogram was designed and adopted with three keywords: **Maru, Meru, and Mal**, representing desert, mountain, and plateau, respectively. These not only summarize the Geography of Rajasthan but also reflect the cultural patterns associated with the three major types of natural landscapes of the state.

Despite financial constraints, the association regularly holds its annual conference in various colleges and universities across the state of Rajasthan. The proceedings of these conferences are also published, albeit intermittently.

The mouthpiece of the association, The Annals of the Association of Rajasthan Geographers, later renamed Annals of Rajasthan Geographical Association, is published annually.

#### **ABOUTTHE CONFERENCE**

India aims to become a developed nation by 2047, aligning with its centenary of independence. Geospatial technology and emerging trends in Geography are pivotal to achieving this vision. Geospatial technology, which includes Geographic Information Systems (GIS), Remote Sensing, and Global Positioning Systems (GPS), enables precise mapping, monitoring, and analysis of natural and human-made resources. This technology supports sustainable development by addressing challenges like urban planning, disaster management, climate change, and resource management.

Emerging trends in Geography, such as digital cartography, spatial data analytics, and artificial intelligence (AI) in geospatial applications, offer new dimensions to understanding spatial patterns and relationships. By integrating these tools, policymakers can devise strategies for smart cities, efficient transport systems, renewable energy projects, and agriculture.

A multidisciplinary approach is essential for leveraging geospatial technology effectively. Collaboration among geographers, environmental scientists, data analysts, and technologists ensures comprehensive solutions for complex problems. For instance, climate adaptation measures require integrating weather data with land use patterns to develop region-specific strategies. Similarly, disaster resilience depends on real-time geospatial data for quick decision-making.

The role of government initiatives, like the National Geospatial Policy 2022, and private sector investments in geospatial startups, highlight the importance of fostering innovation and partnerships. Promoting skill development and awareness among the youth is also crucial for building a workforce ready to tackle future challenges.

Through the integration of geospatial technology, emerging trends, and multidisciplinary collaboration, India can pave the way for sustainable development, ensuring prosperity for all by 2047.

#### **FOCALTHEME**

"Viksit Bharat@2047: Geospatial Technology and Emerging Trends in Geography for a Sustainable Future" - A Multi-Disciplinary Approach

#### Sub-Themes

- 1. Geospatial Technology and Smart Cities:
  - Applications in urban planning and infrastructure development.
  - Smart city solutions for sustainable living.
- 2. Disaster Management and Climate Resilience:
  - Role of GIS and remote sensing in disaster risk reduction.
  - Monitoring and mitigating the impacts of climate change.
- 3. Natural Resource Management:
  - Sustainable utilization of water, land, and energy resources.
  - Mapping biodiversity and ecosystems for conservation.
- 4. Digital India and Geospatial Governance:
  - Role of geospatial technology in e-governance and public services.
  - Integration of geospatial data for policy-making.
- 5. Agriculture and Rural Development:
  - Precision farming using Geospatial technology.
  - Monitoring agricultural productivity and climate adaptation.
- 6. Geospatial Technology in Education and Research:
  - Innovative teaching methods using GIS and remote sensing.
  - Multidisciplinary research in Geography and related fields.
- 7. Transport and Communication Networks:
  - Geospatial innovations in traffic management and logistics.
  - Role of technology in creating sustainable transport systems.
- 8. Energy Transition and Sustainability:
  - Mapping renewable energy resources.
  - Geospatial tools for energy efficiency and carbon footprint analysis.
- 9. Cultural and Heritage Mapping:
  - Role of GIS in preserving cultural heritage sites.
  - Mapping intangible cultural assets for tourism and development.
- 10. Achieving Sustainable Development Goals (SDGs):
  - Geospatial contributions to monitoring and achieving SDGs.
  - Addressing socio-economic disparities through spatial analysis.



For Registration



**Guideline for Poster Presentation** 

#### **OBJECTIVES OF THE CONFERENCE**

- 1. Understanding the Role of Geospatial Technology:
  - Exploring the critical role of geospatial technologies such as GIS, Remote Sensing, and GPS in building a developed India by 2047.
- 2. Promoting Sustainable Urban Development:
  - Addressing urban challenges and promoting sustainable urban growth through the application of geospatial technologies for smart cities.
- 3. Addressing the Impacts of Climate Change:
  - Utilizing geospatial data and technologies to measure, monitor, and mitigate the
    effects of climate change.
- 4. Contribution of Geospatial Technology in Disaster Management:
  - Leveraging geospatial technologies for disaster preparedness, response, and risk reduction in natural disasters like earthquakes, floods, and storms.
- 5. Enhancing Agricultural Productivity with Geospatial Technology:
  - Improving agricultural productivity and efficiency through precision farming, weather monitoring, and geospatial technologies.
- 6. Utilizing Geospatial Data in Policy Making:
  - Enhancing government policy-making and implementation through the use of geospatial data and spatial analysis.
- 7. Natural Resource Management:
  - Using geospatial technologies for the sustainable management and conservation of natural resources such as water, forests, and minerals.
- 8. Identifying and Addressing Social Inequalities:
  - Analyzing and addressing socio-economic disparities using geospatial technologies for more inclusive development.
- 9. Innovations in Education and Research through Geospatial Technology:
  - Promoting innovations in education and research by integrating geospatial technology into academic curriculums and research methodologies.
- 10. Geospatial Contribution to Achieving Sustainable Development Goals (SDGs):
  - Using geospatial technologies to track, monitor, and contribute towards the achievement of the United Nations Sustainable Development Goals (SDGs).

These objectives aim to guide discussions and drive efforts towards a sustainable, geospatially-empowered, and developed India by 2047.

#### **CALL FOR ABSTRACTS/PAPERS**

Abstracts/Full papers are invited from the academicians, professionals and research scholars. Soft Copies of abstracts not extending 200 words/full paper 2000-2500 words (including table, charts and references) on the above mentioned themes/sub themes will be accepted till 2nd March, 2025 respectively and should be emailed to <code>gtetgsfsubodh@gmail.com</code>. Last date for registration will be 3rd March, 2025. The author will be intimated about the acceptance of abstract by email.

Language: English (Font-Times New Roman, Size-12, Spacing-1.5) and Hindi (Font-KrutiDev 10, Size-14, Spacing-1.5)

Awards: Best Paper Presentation, Young Geographer, Best Poster Presentation.

#### **REGISTRATION FEE**

Category	Up to 2nd Mar. '25	Up to9th Mar. '25	On Spot
Faculty Member/Academician	2500/-	2700/-	3000/-
Research Scholar	1500/-	1700/-	2000/-
Student	1000/-	1200/-	1500/-

Note: Persons requiring accommodation are requested to inform by 2nd march 2025.

The registration fee may be remitted by cash at college office, by **NEFT** or by **D.D.** in favour of **Principal**, **S.S. Jain Subodh P.G. College** 

Delegates must submit their registration form and abstract by mail on gtetgsfsubodh@gmail.com.

#### **ACCOUNT DETAILS**

Principal, S.S. Jain Subodh P. G. College

Punjab National Bank

Current A/C No.: **06722191030218**IFSC Code : **PUNB0067210** 

#### **IMPORTANT DATES**

Abstract submission upto: March 02, 2025
Acceptance of abstracts: March 05, 2025

Contact
Dr. B.P. Sharma 9413966982
Dr. Diwakar Pradhan 9414079082
Dr. Nirmala Lalwani 9772134908
Email: gtetgsfsubodh@gmail.com

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**Department of Geography** 

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Full Name	
DesignationCollege/University/Institution	
Mobile Email Title of the Paper	
Applying for Young Geographer Award Whether Life Member of RGA If yes, Life Membership No Postal Address	Yes[] No[] Yes[] No[] Yes[] No[]
Category of the Delegates : Academicians / F Registration Fee: Rs. 2500/- DD/UTR No Cash Online Transaction Details On Spot (Charges Applicable)  Arrival in Jaipur	1500/- 1000/- Dated
Requirement of Accommodation (Yes/No) .  Date March, 2025 Time  Mode of Travel  Flight/Train Name	AM/PM
Date	Signature of Delegate

Note: The delegate in need of accommodation must write/email to the convener along with the proof of registration fee before March 02, 2025 to enable the organizers to make arrangements. Accommodation will be provided on sharing basis. On the spot request for accommodation may create inconvenience both for the participants and organizers. Hence no request for accommodation on the spot or after March 02, 2025, will be entertained by the organizers.