



The Deccan Geographical Society of India (DGSi)



**XVIII International Conference
On**

**Urbanisation and Climate Change:
Strategies for Sustainable Cities through Geospatial Technologies**

(5th – 7th March, 2024)

Organized By

**Department of Geography, University College of Science,
Osmania University, Hyderabad, Telangana, India- 500007**

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About Hyderabad

Hyderabad, located in southern India, is the capital of Telangana. With a rich historical heritage dating back to its founding in 1591, Hyderabad is a city of contrasts, blending its ancient traditions with modernity. Often referred to as the "City of Pearls" for its historical role in the pearl and diamond trade, Hyderabad is celebrated for its vibrant culture and distinctive cuisine, notably the world-famous Hyderabadi Biryani. In recent years, it has evolved into a prominent Information Technology (IT) and technology hub, with HITEC City at its core, fostering rapid economic growth and attracting professionals from around the world. The city's landscape is adorned with iconic landmarks like the Charminar and Golconda Fort, while its thriving sectors encompass IT, pharmaceuticals, biotechnology, manufacturing, and the film industry. Hyderabad's transportation network, including the Hyderabad Metro, is well-developed, making it a major economic and cultural centre in India. Tourism is another significant aspect of Hyderabad, drawing visitors to explore its historical sites and experience cultural festivals. The city's linguistic diversity includes Telugu, Urdu, and English, fostering an inclusive atmosphere. Hyderabad's dynamic blend of tradition and progress has solidified its position as a prominent cultural, economic, and technological hub in India, offering a fascinating environment for both residents and visitors.



About Osmania University



Osmania University, located in Hyderabad, India, is a venerable institution with a storied history dating back to its founding in 1918 by the Seventh Nizam of Hyderabad, Mir Osman Ali Khan. This esteemed university has played a pivotal role in shaping the educational and cultural landscape of India. It offers a wide spectrum of undergraduate, postgraduate, and doctoral programs across various academic disciplines. The university's expansive and picturesque campus is adorned with iconic structures, including the Arts College building, and serves as a hub for academic excellence and research innovation. Osmania University's commitment to research and holistic development is evident through its vibrant cultural and extracurricular activities, fostering a diverse and inclusive learning environment. Diversity thrives within Osmania University, attracting students from diverse backgrounds, regions, and nations. Its alumni network includes influential figures in politics, literature, science, and entertainment who

have made substantial contributions to society. The institution's emphasis on global collaborations and community engagement underscores its commitment to broader societal impact. Osmania University, with its rich history and unwavering dedication to academic excellence, continues to be a prominent beacon of learning, research, and cultural enrichment in India's educational landscape.

About Geography Department

The Department of Geography is one of the oldest and also the largest in South India. It was established in 1942. It offers M.Sc. Geography, M.Sc. Geoinformatics, Post-Graduate Diploma in Geographical Cartography and Ph.D. programs. The Department had assistance from UGC (SAP and ASIST) and DST (FIST Phase I and II). The Department has been conferred with the status of Centre for Advanced Study (CAS). Its thrust areas are Urban Geography, Regional Development and Geoinformatics. Academic programmes and publications have been undertaken with institutions in India and abroad particularly in the field of urban geography and Geoinformatics. Moreover, the department typically maintains state-of-the-art research facilities, including GIS laboratories and remote sensing equipment, which are instrumental in both teaching and research activities. Collaborations with governmental and non-governmental organizations are common, allowing the department to engage in research projects with real-world applications, such as urban planning, environmental conservation, and disaster management.



About Deccan Geographical Society of India (DGSI)

The Deccan Geographical Society of India was established in 1962. It has been publishing an International Geographical Journal, namely, "The Deccan Geographer" since 1962. The journal has an international registration number, ISSN-0011-7269. Every year two issues of the journal (June and December) are published and circulated among 1000 life members, 700 libraries in India, and 29 countries in the world. The special issues have been published by DGSI on Historical Geography (1992), Index Volume (2000), and Climatology (1997). Besides, the Society started a new Journal, namely, Bhugol Shastra Sanshodhak in 2006. The membership is open to geographers, planners, and scientists belonging to allied disciplines.



DGSI is Honouring Eminent Scholars in the Field of Geography with

- ♦ **BHUGOL SHASTRA BHUSHAN NATIONAL AWARD**
- ♦ **DGSI LIFETIME ACHIEVEMENT AWARD**
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About Conference

Urbanization and climate change are pressing global challenges, and a geoinformatic approach offers crucial strategies for fostering sustainable cities that can thrive amidst these issues. By harnessing the power of geographic information systems (GIS), remote sensing, and data analytics, cities can make informed decisions and effectively mitigate environmental impacts. Geospatial tools enable urban planners to analyze land use patterns, promote smart growth, and enhance energy efficiency through audits and renewable energy mapping. Transportation planning benefits from geospatial insights, reducing congestion and emissions, while urban green spaces, waste management, and water resources can be optimized for sustainability. Moreover, geoinformatics aids in climate adaptation and community engagement, facilitating data sharing, visualization, and comprehensive monitoring. This holistic approach empowers cities to navigate the complex nexus of urbanization and climate change, creating resilient, environmentally responsible urban environments that prioritize the well-being of their residents. The goal of the seminar "Urbanisation and Climate Change: Strategies for Sustainable Cities, through geospatial technologies" is to convene experts, policymakers, and stakeholders to raise awareness about the critical intersections of urbanization and climate change, showcasing how geoinformatics can be employed to develop sustainable urban solutions. Through knowledge sharing, interdisciplinary collaboration, and innovative geospatial technologies, the seminar aims to empower decision-makers, engage communities, and advocate for policies that foster resilient, environmentally responsible urban environments, ultimately contributing to the global effort to address the challenges posed by urbanization and climate change while prioritizing the well-being of urban populations.

Sub Themes

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|--------------------------------|----------------------------------|---------------------------------|---|
| 1.Urban Studies | 7.Regional Development Studies | 13.Disaster Management studies | 19. Cartographic studies |
| 2.Urban & Regional Planning | 8.Rural Development and Planning | 14.Geopolitics | 20.Digital Image Processing |
| 3.Agricultural geography | 9.Tourism Geography | 15.Remote Sensing Application | 21.Drone Application in Spatial studies |
| 4.Economic Geography | 10.Geomorphology | 16.GIS Application in Geography | 22. Any other branch of Geography |
| 5.Environment Geography | 11.Climatic studies | 17.Photogrammetry | |
| 6.Social & Demographic Studies | 12.Ocean Studies | 18.GPS & GNSS Applications | |

Submission of Abstract & Full Paper

Login to <https://18dgsi2024.com> for submission of abstract.

Author(s) will be informed to their online dashboard about acceptance of abstract within three working days from the date of submission of their abstract. Once Acceptance of abstract is intimated to the author, author should pay **Full Registration Fee** by scanning given QR code on the website/ brochure by using BHIM/ UPI payment Apps or through RTGS/ NEFT.

Payment of registration fee is compulsory before final acceptance of the abstract and receiving invitation letter from the convener, Only the accepted abstracts with full payment of registration fee will be published in conference abstracts volume.

The author should submit Full paper before 10th February 2024 at Email dgsi2024osmania@gmail.com. (The full paper should have an Introduction, Objectives, Hypothesis, Study Area, Methodology, Numbered side headings, Results, Findings, Conclusions, References & Font - Times New Roman, Font Size - 12 No. and Line Spacing 1.5, Word format).

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Important Dates

Conference Dates	:	5 th to 7 th March, 2024
Last date of abstract submission	:	10 th January 2024
Initial Intimation of acceptance of abstracts	:	Within 3 working days from the date of Submission of Abstract
Final acceptance of abstracts	:	After payment of registration fee (Scan QR Code for Payment)
Full Paper Submission	:	10 th February 2024 at dgsi2024osmania@gmail.com

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Category	For Convener	For Secretariat	Total
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Note : Secretariat fee shall be handed over on third day of conference to DGSi

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Prof. Ashok Kumar Lonavath
Cell : 9247358736

Dr. Mohd Akhter Ali
Cell : 7680989610

Dr. V. Karunakar
Cell : 9032509509

Mr. M. Kamraju
Cell : 8497925165