

REGISTRATION FORM

For Registration:

<https://forms.Registration link>



Registration Fee Includes Lunch, Refreshment & Conference Kit

Industrial participants :	₹2000/-
Academician :	₹1000/-
Research scholars :	₹750/-
Student :	₹500/-

For Payment:

Account Name: **Convenor, GEO - HETRA**

Bank Name: Canara Bank

Account No. :110228756235

Branch: GRU, Gandhigram

Branch code : 8500

IFSC Code : CNRB0008500

MICR Code : 62015024



(OR)

Demand Draft drawn in favour of **Convenor, GEO - HETRA**. The details of payment should be intimated to the Convenor either through email or WhatsApp no (+91 94860 32767)

For Further Queries Contact

Dr.M.Muthukumar,

Convenor, GEO - HETRA 2.0

Associate Professor & Director (i/c),

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The Gandhigram Rural Institute (Deemed to be University),

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ORGANIZING COMMITTEE

Chief Patron

Prof. Dr. N. Panchanatham

Vice-Chancellor

The Gandhigram Rural Institute
(Deemed to be University), Gandhigram.

Patron

Sr.Prof. Dr. L. Rathakrishnan

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The Gandhigram Rural Institute
(Deemed to be University), Gandhigram.

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School of Health Sciences & Rural Development,
The Gandhigram Rural Institute
(Deemed to be University), Gandhigram.

Convenor

Dr. M. Muthukumar

Associate Professor & Director i/c
Centre for Geoinformatics, GRI
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Dr. A. Rajeshwari, Guest Teacher, GRI

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Mr.R.Suriya

M.Sc., Geoinformatics

&

PGD in Spatial Technologies,

Centre for Geoinformatics, GRI, Gandhigram

UGC & ANRF Sponsored



NATIONAL CONFERENCE

on

**Geoinformatics 2.0: Harnessing Emerging
Technologies for Real-World Applications
(GEO - HETRA 2.0)**

3rd & 4th April, 2025

Venue: Vivekananda Hall, Faculty Guest House, GRI



Organized by

Centre for Geoinformatics

School of Health Sciences & Rural Development,
The Gandhigram Rural Institute (Deemed to be Univ.)
Ministry of Education (Siksha Mantralaya),
Gandhigram, Dindigul District - 624 302,
Tamil Nadu, India.

Website: www.ruraluniv.ac.in

About the University

The Gandhigram Rural Institute (Deemed to be University), Dindigul was founded in 1956 by two disciples of Gandhiji, Dr.G.Ramachandran & Dr.T.S.Soundaram. The University Grants Commission, New Delhi, in 1976, conferred on it the status of a Deemed to be University. The National Assessment and Accreditation Council (NAAC), Bangalore, has accredited the Institute with 'A' grade status in third Cycle in 2016. The Institute offers Doctoral, Masters and Bachelor's Degree, Diploma and Certificate programmes through its eight academic schools. It is one of the most highly placed centres of rural higher education in the country, funded fully by UGC and governed by the Ministry of Education, Government of India, New Delhi.

About the Centre for Geoinformatics

The Centre aims at developing human resource in Geoinformatics for the emerging high-tech enterprise scenario in India. M.Sc., Geoinformatics, a two year programme, since 2002 and PG Diploma in Spatial Technologies, an innovative two semester programme since 2007. The Centre is managed by well qualified team of faculties and has all state-of-the-art facilities for achieving excellence in Geoinformatics and Geo spatial studies. Our Centre has hosted various Workshops, National Seminars, Guest Lectures, Conferences and also have Ongoing and completed Major Research Projects funded by various organizations like ISRO, DST-New Delhi, Government of Tamil Nadu, etc., for more than a decade.

Objectives of the Conference

The primary objective of the National Conference on "Geoinformatics 2.0: Harnessing Emerging Technologies for Real-World Applications" aims to provide a platform for researchers, academicians, professionals and policymakers to explore and discuss the transformative potential of geoinformatics in addressing critical challenges across diverse sectors.

The conference will focus on innovative applications and advancements in geospatial technologies for rural development, mineral and land resources management, water and soil resources management, agricultural and

forestry management, energy resources optimization, coastal zone management, disaster management, and climate change monitoring. Additionally, it will delve into the integration of geoinformatics with emerging fields like data science and IoT to enhance participatory GIS, emergency response planning, e-governance, geo-tagging, infrastructure development, wildlife habitat mapping, health sector solutions, transportation planning, tourism management and fisheries. By fostering interdisciplinary dialogue and knowledge exchange, the conference aims to drive sustainable development and innovative solutions for real-world challenges.

Call for papers

The Conference will focus on Harnessing Emerging Technologies for Real-World Applications of Geoinformatics and not limited to:

1. Rural Development
2. Mineral Resources Management
3. Land Resources Management
4. Water Resources Management
5. Soil Resources Management
6. Agricultural & Forestry Management
7. Energy Resources Management
8. Coastal Zone Management
9. Disaster Management
10. Climate Change Monitoring & Management
11. Wildlife Habitat Mapping
12. Health Sector
13. Transportation Planning
14. Tourism Planning & Management
15. Fisheries
16. Participatory GIS
17. Emergency Response Planning
18. E-Governance, Geo-Tagging Infrastructure Development & Planning
19. Data Science & IOT
20. Spatial Data Infrastructure (STA)
21. Geospatial AI
22. Machine Learning
23. Deep Learning
24. Quantum Computing
25. Bigdata Analytics in Geoinformatics

Important dates

Last date for Abstract	: 21.03.2025
Intimation of Acceptance	: 23.03.2025
Submission of full paper	: 28.03.2025
Payment of Registration fee	: 01.04.2025

Guidelines for Paper Submission:

The paper must include an abstract, author details (including a valid email ID and accurate contact information), and at least one author must register for the conference. Only selected papers will be published in a dedicated edition of the conference volume with an ISBN. The abstract should not exceed 500 words and must be accompanied by relevant keywords. Manuscripts should be formatted in Times New Roman, 11-point font size, with 1.15 line spacing, using a single-column layout, and the plagiarism level must be below 15%. After ensuring compliance with these guidelines, submit your paper to geoinformaticsgridue@gmail.com with the subject line mentioning the provided Paper ID and your name.

****Selected paper will be published with ISBN Number****

e-mail: geoinformaticsgridue@gmail.com

Accommodation

Limited number of accommodation is available and hence it will be arranged to the participants on payment in the University Faculty Guest House on first come first served basis.

Non A/c Room	: Rs. 300 per day / person
A/c Room	: Rs. 800 per day / person

Accommodation can also be arranged on payment in Hotel on request at Dindigul which is 12 kms from the University. Participants staying outside should make their own travel arrangement to reach the Conference Venue.