



**Chief Patron**  
**Vice-Chancellor**

Bharathidasan University  
Tiruchirappalli - 620 024  
Tamil Nadu

**Patron**  
**Registrar**

Bharathidasan University  
Tiruchirappalli - 620 024  
Tamil Nadu

**Conveners**

**Dr. R. Jegankumar**  
Professor and Head  
Department of Geography  
Bharathidasan University  
Tiruchirappalli - 620 024

**Prof. K. Kumaraswamy**  
Secretary, ISRS-TRC  
Department of Geography  
Bharathidasan University  
Tiruchirappalli - 620 024

**Former Professors**

**Prof. A. Ganesh**  
Department of Geography  
Bharathidasan University  
Tiruchirappalli - 620 024

**Prof. S. Aruchamy**  
Department of Geography  
Bharathidasan University  
Tiruchirappalli - 620 024

**Organising Secretary**

**Dr. P. Masilamani**  
Assistant Professor  
Department of Geography  
Bharathidasan University  
Tiruchirappalli - 620 024

Registration Link: <https://forms.gle/UsmMokNQTrRNQJoX7>



Scan to Register

**Important Dates**

**Deadline for Abstract Submission: 15 February 2025**

**Deadline for Full Paper Submission: 20 February 2025**

**National Seminar: 21&22 February 2025**

**Book -Post**

**Two Day National Seminar on**  
**Geoinformatics for**  
**Water Resource Management**

**21-22 February 2025**

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Organising Secretary

**Dr. P. Masilamani**

Assistant Professor

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School of Earth Sciences  
Bharathidasan University  
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Circular - III



**Two Day National Seminar on**  
**Geoinformatics for**  
**Water Resource Management**

**21-22 February, 2025**



**Organised by**  
**Department of Geography**  
**School of Earth Sciences**  
**Bharathidasan University**  
**(Accredited with A+ Grade by NAAC)**  
**Tiruchirappalli - 620 0244**

Tamil Nadu

## About the University

Bharathidasan University was established in February 1982 and was named after the great revolutionary Tamil Poet, Bharathidasan (1891-1964). The motto of the University is "We will create a brave new world ". The University endeavors to be true to such a vision by creating a brave new world of academic innovation for social change in the region. The university is accredited with A+ Grade by NAAC in the Third Cycle & 36th Rank among the Indian Universities in NIRF-2023. Conducting International / National Level Conferences and Workshops to promote healthy research is a regular practice of Bharathidasan University.

## About the Department

The Department of Geography was established in Bharathidasan University in July 2001 with the vision to conduct research in frontier and emerging areas of geography and to disseminate the knowledge to the community. Between 1997 and 2001 the faculty members of the Department of Geography were attached with the erstwhile School of Earth Sciences composed of Geography and Geology faculty members. The School started offering M.Tech Remote Sensing in 1994; M.Sc. Applied Geography and M.Phil Geography programmes in the year 1996 and 1999 respectively. The Department of Geography has vibrant faculty, undertaking a full range of degree programmes from five year integrated M.Sc., programme to Ph.D. in emerging and frontier areas of Geography. During the academic year 2002-2003, M.Tech programme in GIS was introduced and it was enhanced to M.Tech Geoinformatics since 2012. In the year 2006, the Department has introduced a five year integrated programme in Geosciences and later in the year 2014 it was changed into five year integrated programme in Geography. Then, Two Year M.Sc. programme in Geography was introduced in the year 2019. M.Phil in Geography was introduced in the year 2018. The University Grants Commission (UGC), New Delhi has awarded an Innovative Programme on Post Graduate Diploma in Geomatics to the Department in (2005-2010). The agencies like UGC, MEF, ISRO, DST, ICSSR and TNSCST have funded a number of research projects and fellowships to the Department. During 2008-2009, the UGC has awarded Special Assistance Programme (SAP) DRS Phase-I level (2009 – 2014) and DRS II (2015-2019) to the Department. The Indian Society of Remote Sensing (ISRS), Dehradun has housed its Tiruchirappalli Regional Chapter of ISRS at the Department. The Department regularly conducts Refresher courses and Summer schools for enhancing academic excellence of the teachers of higher educational Institutions. The Department conducts Indian Geographical Society's Talent Test for UG and PG students of geography in all the institutions in the state since 2010.

## Objective of the National Seminar

Geoinformatics for Water Resource Management is an emerging field that leverages geospatial technologies, including Geographic Information Systems (GIS), remote sensing, and spatial data analytics, to address critical water resource challenges. By integrating real-time data with advanced mapping and modeling tools, geoinformatics enables precise monitoring and efficient management of water resources. This field plays a vital role in addressing issues such as water scarcity, pollution, flooding, and watershed management. As water resources face increasing pressures from climate change and population growth, Geoinformatics offers innovative solutions for sustainable water governance, ensuring access, conservation, and resilience in water resource planning and management.

This two-day national seminar on Geoinformatics for Water Resource Management aims to explore the innovative applications of geospatial technologies in addressing water resource challenges. Objectives include enhancing participants' understanding of Geoinformatics tools such as GIS, remote sensing, and data analytics for effective water resource monitoring, planning, and conservation. The seminar seeks to foster interdisciplinary collaboration, bringing together experts, researchers, and practitioners to exchange knowledge and best practices. With this background, the Two Day National Seminar on "Geoinformatics for Water Resource Management" is being organized by the Department of Geography, School of Earth Science, Bharathidasan University, Tiruchirappalli on 21-22 February, 2025.

**The Two-Day National Seminar intends to discuss the effective methodologies of Water Resource Management using Geospatial Technologies. The following sub-themes have been selected for the purpose of paper presentation and deliberations during the seminar.**

- **Water Resources**
- **Climate Studies**
- **Land Resources**
- **Agricultural studies**
- **Natural Resources Management**
- **Rural and Urban Studies**
- **Social and Health Wellbeing**
- **Disaster Studies**
- **Geoinformatics for Sustainable Development**

## Abstract Submission

Original research papers are invited for oral presentation. The participants are requested to submit their abstract (s) not exceeding 250 words each typed in MS-Word font size 12 in Times New Roman in single line space. The title should be bold followed by authors name and address. The name of the presenting author should be underlined.

## Registration

Registration and payment of registration fee is must to participate

Faculty Rs 1500/-

Research Scholars Rs.1000/-

Student Rs.500/-

Account Number: 10375403157

Branch: State Bank of India—Bharathidasan University

Branch Code: 7014 IFSC Number: SBIN0007014

Interested participants can submit the application through google form with an abstract before 15.02.2025 and send the full paper on or before 20.02.2025 to the organizer.

## Accommodation

Accommodation will be arranged only for the participants in the university guest house on first come first served base. There is no provision for TA/DA for the participants.

Department of Geography, Bharathidasan University

