

# Two-Day International Workshop

on

## “Geospatial Technology for Earth Sciences & Archaeological Studies”

13-14 March 2025

Venue: Seminar Hall, Department of Industries  
and Earth Sciences, Faculty of Science,  
**Tamil University, Thanjavur.**

*Organised by*

**Department of Industries and  
Earth Sciences**

&

**Department of Maritime  
History & Marine Archaeology**



**Tamil University  
Thanjavur - 613010**

<https://www.tamiluniversity.ac.in>

### **About the University**

The Tamil University was established in Thanjavur by the Government of Tamil Nadu on 15th September 1981 under the provisions of the Tamil University Act No.9 of 1982. The University was founded with the aim of advancing research and learning in Tamil language, literature, and culture. The University is guided by its inspiring motto:

“உள்ளுலகுதெல்லாம் உயர்வுள்ளது”

### **About the Department of Industries and Earth Sciences**

The Department of Industries and Earth Sciences was established in December 1985 under the visionary leadership of Dr. G. Victor Rajamanickam. Since its inception, the department has made significant contributions to research, achieving national and international recognition for its scientific advancements. The department continues to scale new heights by fostering qualitative research and expanding infrastructure facilities, including well-equipped scientific laboratories for advanced geological studies.

### **About the Department of Maritime History & Marine Archaeology**

The Department of Maritime History and Marine Archaeology was established as Centre for Underwater Archaeology in 1983. The Centre has done research on the coastal areas of South India. In 2021 Centre for Indian Ocean studies was established in the Department.

The Department has excavated at the archaeological sites of Mandiripattinam and Molapalayam. The Department offers PG and Research programmes.

### **About the Workshop**

Geospatial technology is used widely in earth sciences and archaeology. This technology is very useful for various essential aspects human culture and the management of environmental resources. In archaeology, this technology has enabled better interpretation of human cultural adaptations.

### **Objective of the Workshop**

This dual mode international workshop aims to explore the latest advancements in Geospatial Technology and its applications in Earth Sciences and Archaeological Studies. Experts from academia, research institutions, and industry will share insights on GIS, remote sensing, and spatial data analysis, fostering discussions on their role in historical and archaeological and environmental research.

### **Themes to be covered**

- Remote Sensing and GIS Applications in Archaeology
- Spatial Analysis in Earth Sciences
- Marine Archaeology and Geospatial Tools
- Emerging Technologies in Heritage Studies
- LIDAR Application in Archaeology
- GIS Mapping Techniques

## ORGANIZING COMMITTEE

### Chief Patron

**Convener and Members,**  
V.C. Convener Committee,  
Tamil University

### Co - Patron

**Registrar (i/c), Tamil University**

### Convener

**Prof. Dr. R.Neelakantan**

Head, Department of Industries and Earth Sciences  
Tamil University, Thanjavur

### Organizing Secretary

**Dr. V. Selvakumar**

Head, Department of Maritime History and  
Marine Archaeology, Tamil University, Thanjavur

### Executive Committee

**Chairman: Prof. K. Sankar**

Professor, Department of Industries and Earth  
Sciences, Tamil University, Thanjavur

### Members

**Dr. A. Shankar, Guest Asst. Prof**

**Dr. Ranjani, Guest Asst. Prof**

**Mr. S.Thamarai Kannan, Research Scholar**

**Mrs. S. Sathiya Research Scholar**

**Mrs. R. Prabeena, Research Scholar**

**Mr. R. Kathikeyan, Research Scholar**

**Department of Industries and Earth  
Sciences  
&**

**Department of Maritime History and  
Marine Archaeology**

## Invited Speakers

**Dr. Ekta Gupta**

Juan de la Cierva Fellow, Catalan  
Institute of Classical Archaeology,  
Tarragona, Spain.

**Dr. V.N. Prabhakar**

Archaeological Sciences Centre,  
IIT Gandhinagar

**Dr. N. Jawahar Raj**

Head, Department of Geology,  
National College, Trichy.

**Dr. M. Muthukumar**

Director (i/c),  
Centre for Geo informatics  
The Gandhigram Rural Institute.

**Dr. V. Ravichandran**

Former Dean - History  
A.V.V.M.Sri Pushpam College

**Dr. S. SreeKala,** Assistant Professor,  
Dept of Geography, KNGC

### GIS Hands - on - Training

**Dr. S. Gunasekaran**

GRI, Dindigul

**Dr. M. Subagunasekar**

GRI, Dindigul

**Mr. S. Thamarai Kannan**

Tamil University.

## Important Dates

### Date of Registration:

**Register before 12.03.2025 at**

[neels2004@gmail.com](mailto:neels2004@gmail.com)

Mob: 8754134824 in the given format.

Subject “Workshop 2025 -Registration”

Name of the Participants.....

Designation.....

Dept/College/ University.....

Email /Contact No.....

Limited seats only.

Registration is free.

No TA DA will be provided for the  
participants.

### Accommodation:

Guest house accommodation can be  
arranged on payment basis

