



## **KONGUNADU ARTS AND SCIENCE COLLEGE**

**Autonomous institution Affiliated to Bharathiar University**

**Re-Accredited by NAAC with 'A+' Grade Status**

**G.N. MILLS POST, COIMBATORE – 641 029**

### **DEPARTMENT OF WILDLIFE BIOLOGY**

#### **Two-Day Workshop on GIS Mapping & Geospatial Applications in Biological Sciences held at Kongunadu Arts and Science College, Coimbatore**

The workshop was organized by the Department of Wildlife Biology, Kongunadu Arts and Science College (Autonomous), in collaboration with Prof. M. Aruchami Foundation and Foundation for Ecological Research, Advocacy and Learning (FERAL), on 21<sup>st</sup> and 22<sup>nd</sup> August 2026. A total of 35 students from various colleges participated in the workshop. The workshop aimed to provide students with practical knowledge and hands-on experience in Geographic Information System (GIS) mapping, spatial data handling, data visualization and the application of GIS in the field of wildlife and life sciences.

The programme started and welcomed by Dr. G. Sivasubramanian, Assistant Professor and Head i/c, Department of Wildlife Biology. Dr. S. Paulsamy, Director, Prof. M. Aruchami Foundation, delivered the inaugural address and formally inaugurated the workshop. Dr. S. Yaswanthkumar, Assistant Professor, Department of Wildlife Biology, introduced the resource persons from FERAL. The technical sessions were handled by Mr. Kumaran Kesavan and Mr. S. Saravanan from FERAL

First day featured sessions on map reading using Survey of India toposheets, GPS basics, navigation and GPS data collection, introduction to QGIS, importing GPS data and GIS-based data visualization. The sessions included practical exercises and interactive discussions, enabling the participants to gain hands-on experience in GIS and related technologies.

The second day, participants received practical training in georeferencing and digitizing using QGIS software. The practical sessions provided to the participants with an opportunity to apply the concepts and techniques learned during the workshop. The training provided participants with valuable practical exposure to modern geospatial tools and technologies and helped them understand their applications in the field of wildlife and all other life science management, resource mapping and other related fields. The programme also aimed to enhance students' technical and employability skills and encourage them to explore GIS-based research and innovative solutions to real-world problems.

The programme concluded with a review of the practical exercises, followed by the valedictory ceremony and distribution of participation certificates. During the valedictory session, Dr. G. Srinivas, Assistant Professor, Department of Wildlife Biology, delivered the vote of thanks.



Submitted by

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