Event Title: Online Hands-On Course on QGIS Software
Organized By: Department of Geography, Government College Theog
under the Initiative of: IIT Bombay Spoken Tutorial Organization
Date: 04-10-2024
Duration: 15 days
Participants: 8 Students

Introduction

The Department of Geography at Government College Theog successfully conducted an online hands-on course on QGIS (Quantum Geographic Information System) software. This course was part of the IIT Bombay Spoken Tutorial initiative, aimed at providing accessible learning resources for students interested in geographic information systems.

Objectives

1. To introduce students to the functionalities and applications of QGIS software.
2. To develop practical skills in spatial data analysis and mapping techniques.
3. To promote the use of open-source software in academic and research contexts.

Course Structure

The online course was structured to include both theoretical components and practical exercises. Key topics covered included:

- **Introduction to QGIS:** Overview of the software interface and tools available.
- **Data Management:** Techniques for importing, managing, and visualizing spatial data.
- **Mapping Skills:** Creating customized maps using various data layers.
- **Spatial Analysis:** Conducting basic analyses and interpreting results.
- **Project Application:** Utilizing learned skills to complete a project.

Conclusion

The online hands-on course on QGIS software was a significant success, providing students with essential skills in a flexible learning environment. The initiative, supported by IIT Bombay, proved effective in enhancing the technical capabilities of participants. The Department of Geography plans to continue offering online courses to further support student learning in geographic information systems.

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