

Workshop on GIS for River Mapping

[using QGIS]

26 - 28 May, 2022

3 days interactive online
hands-on sessions



QGIS (previously known as Quantum GIS, <https://qgis.org>) is a free and open source cross platform, desktop geographic information system (GIS) application that supports viewing, editing, and analysis of geospatial data. In addition to composing and exporting graphical maps, it also supports both raster and vector layers; vector data is stored as point, line, or polygon features. This workshop is organised by the GISE Hub, IIT Bombay in association with the FOSSEE and the Spoken Tutorial Projects.

Course content

- Understanding Introduction to GIS: Basics and Data types of GIS
- Understanding the need for river mapping and analysis
- Downloading GIS Datasets for river mapping
- Downloading administrative boundaries
- Visualising and Creating a buffer for rivers
- Creating a drainage network and rivers from Digital Elevation Models
- Creating a map

Who can attend?

This workshop will be useful to all students, faculty, and working professionals from any field interested in creating river maps using open source GIS.

Benefits of the Workshop

On successful completion of the workshop, participants will:

- learn the various features and applications of QGIS.
- receive e-Certificate for attending the 3 Day QGIS Workshop

For more details visit:

<https://sites.google.com/iitb.ac.in/gise-hub/workshops>



Any queries related to QGIS:

Post on <https://forums.fossee.in/>

Email us at contact-qgis@fossee.in

For general queries:

Email us at eoutreach@cse.iitb.ac.in



Spoken Tutorial

