Quest GIS

An ISO 9001:2015 and MSME certified organisation

CERTIFIED

1 month hands-on virtual training on

Advanced Geospatial analysis using QGIS, Python and GEE

by **Quest GIS**
(https://questgis.co.in/)

Registrations are open now!

❖ Course duration: **03-June-2025 to 02-July-2025**

❖ **Couse content: Go to next pages!**

❖ Course Language: **English**

❖ Class timings: **9:00 pm to 10:00 pm (IST)**

❖ Prerequisites: **Basic understanding of GIS and Remote sensing.**

Time duration : 1 (+) hrs each day

Location: via Zoom (link will be provided to participants 24 hours before the course begins)

Contact us

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QUESTGIS

Week	Day	Module	Project
Week-1 (Basic to advance QGIS analysis)	1	1	**Introduction to the course.** **Importance of GIS in today's world and job opportunities.** **Understanding QGIS interface.** **Data loading (raster, vector and csv)**
	2	2	**Workflow automation with QGIS Graphic modeller**
	3	3	**Advance vector data analysis**
	4		**Advance raster data analysis**
	5		*Time to practice and work on weekly assignments!*
	6		
	7		
Week-2 (Integration of Python with QGIS – Qpy)	8	4	**Basics of Python (theory)**
	9		**Basic Python coding in QGIS (hands-on)**
	10		**Advance data analysis using Python**
	11		
	12		*Time to practice and work on weekly assignments!*
	13		
	14		

Week	Day	Module	Project
Week-3 (Integration of GEE with QGIS using Python)	15	5	**Basics of Google earth engine (GEE)**
	16		**Basic GEE in QGIS using Python**
	17		**Spectral Indices calculation**
	18		**Rainfall time series analysis**
	19		*Time to practice and work on weekly assignments!*
	20		
	21		
Week-4 (Integration of GEE with QGIS using Python)	22	5	**Groundwater recharge potential zone mapping**
	23		
	24		**Mineral potential zone mapping using ASTER imagery**
	25		
	26		*Time to practice and work on weekly assignments!*
	27		
	28		
Week-5	29	5	**Flood hazard mapping**
	30	6	**Practical and hands on training on "Map displaying".**

Submission of all the assignments!

Course fees

1. **Early bird registrations** (before 27th May, 2025 till 10:00 pm (IST): **INR 3499/- or $42.**

2. **Special discount for students** pursuing course from affiliated university or institution, contact us on WhatsApp for more details. **Student Fees: INR 2999/- or $36.** *T&C applied.

3. Course Fees: **INR 3999/- or $47** after 27th May, 2025 till 10:00 pm (IST): INR 3499/- or $42.

Certificate of completion

Pre-requisites for certificate

1. Complete and correct submission of weekly assignments as instructed during course (10/13).

2. Complete and correct submission of one final assignment as instructed during course.

3. 7/10 score in a final quiz.

Please note: Certificate of completion will be issued to candidates, only one meets the above requirements. This will ensure the high quality of the course and can guarantee the knowledge gained by each participant.