

GIS

GEOGRAPHIC INFORMATION SYSTEM



Strengthen your geospatial skills with our focused Q-GIS Training Programme. Gain hands-on experience in spatial data handling, analysis, and map creation, guided by experts to build a solid foundation in GIS techniques.



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KSCSTE - NATIONAL TRANSPORTATION PLANNING AND
RESEARCH CENTRE
(An Institution of the Kerala State Council for Science,
Technology & Environment)

Registration Information

FEE STRUCTURE

Category	Fee*
5 Day	₹ 5,635/-

*including 18% GST

[Click here to Register](#)



Scan for Fee Payment



Steps for Fee Payment

1. Scan the QR code.
2. Search and select National Transportation Planning and Research Centre (NATPAC).
3. Choose Workshop Training Regional office Ernakulam.
4. Enter your details, mobile number, address, captcha, and click Next.
5. Select a payment mode and complete the payment.
6. Upload the Payment Receipt during Registration.



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Hands-on Training in GIS

Venue

KSCSTE-NATPAC,
Regional Office Ernakulam,
H-3102, 2nd Floor,
JLN International Stadium,
Kaloor, Ernakulam



Who should attend?

- Students
- Faculties
- Research Scholars
- Industry Professionals

ABOUT NATPAC

National Transportation Planning and Research Centre (NATPAC), established in 1976 by the Government of Kerala, is a leading research institution focused on transportation planning, infrastructure development, and policy support. Functioning under KSCSTE since 2002, NATPAC has contributed significantly to Kerala's transport sector through research in highway development, urban mobility, water transport, road safety, and infrastructure planning.

With expertise in traffic engineering, transport economics, geomatics and public transport systems, NATPAC undertakes applied research, consultancy and capacity-building programmes.



OUR OFFICES

Head Office	Thiruvananthapuram
Regional Offices	Ernakulam, Kozhikode

GIS TRAINING - 5 DAY SCHEDULE

Day 1	Introduction to GIS, QGIS interface, georeferencing, and geodatabase creation.
Day 2	Vector data handling, shapefile creation, spatial queries, and geoprocessing tools.
Day 3	Raster data analysis, raster classification, overlay analysis, and terrain analysis.
Day 4	Digitization, map layout creation, map styling, and QGIS plugins.
Day 5	Real-life GIS applications in urban planning, water resources, and disaster analysis, followed by conclusion and feedback.

Topics can be revised as per requirement



CERTIFICATE WILL BE PROVIDED TO ALL PARTICIPANTS

ABOUT THE PROGRAMME

This 5-day hands-on GIS training programme is part of **NATPAC's GIS Training Series**, aimed at building practical skills in Geographic Information Systems and geospatial technologies. The programme provides participants with hands-on experience in spatial data handling, analysis and map creation using open-source tools.

The first programme in the series will be conducted from 27 July to 31 July 2026 at the KSCSTE-NATPAC Regional Office, Ernakulam.

CONTACT US



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www.natpac.kerala.gov.in

IMPORTANT INFORMATION



Duration : 5 Days



Timing : 10 AM - 5 PM

