



DEPARTMENT OF CIVIL ENGINEERING

QGIS WORKSHOP

Department of Civil Engineering, SCMS School of Engineering and Technology, Cochin in association with Innovation and Entrepreneurship development Centre – IEDC (Supported by Kerala Startup Mission) is organizing a 2-day QGIS Workshop exclusively for Civil Engineering students on September 26 & 27, 2019 (Thursday & Friday) at SCMS School of Engineering and Technology, Karukutty Campus.

WORKSHOP SUMMARY

DAY 1

Basics of GIS
Introduction to QGIS
Creating a map
Vector styling and spatial statistics
Basic raster styling and analysis
Raster mosaicing and clipping
Georeferencing
Case Study 1 – Creating a water quality atlas
Team Activity 1

DAY 2

Digitizing and creating shape files
Geospatial Analyses in QGIS.
Performic spatial queries
Working with open street map (OSM) data
Case Study 2 –Preparation of a Grama panchayath flood map
Team Activity 2



Participants will learn

- The fundamental concepts of geographic information system
- To import, visualize and manipulate data
- To perform geospatial analyses and create computed data layers
- From case studies and team activities

The complete course will be conducted in hands-on mode.

Software

QGIS-3.8.2

It is free and many types of formats are being supported. Choose open-source GIS software and make use of it rather than acquiring the costly commercial ones for simple plug and play.

Dates

September 26 and September 27, 2019
9:00 am to 4:00 pm

Registration Fee

200 Rs per Head. The participants need to take care of their food and travel expense.

Kindly transfer the fee via UPI - FUND TRANSFER/ RTGS / NEFT into the following account

Account Name: INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CLUB
Account No: 5888 020 1000 4941
IFSC Code: UBIN 055 8885
Name of Bank: Union Bank of India, Palissery Branch, Ernakulam – 683576.



Certification

All the participants will get a Certificate of Participation from SSET IEDC affiliated by Kerala Startup Mission

How to Apply

<https://docs.google.com/forms/d/1J8vxVla-v1EGzmlTi58OnW4WWdOOKdCgg9DjsCOazWY/edit>

Last date for registration

22-09-2019

Resource Person:-

Dr. Ratish Menon
Associate Professor, Civil Engineering (PhD Environmental Engineering (IIT Bombay))

Program coordinator :-

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