Department of Geography – University of Colombo

Post Graduate Diploma in Geographical Information Systems (GIS)

Introduction: Geographical Information Systems (GIS) can be identified as one of the emerging Geospatial technologies in the discipline of Geography which has been applied in a range of research, planning and development activities in the world. The integrated applications of GIS have often been intertwined with Remote Sensing (RS) and Global Positioning Systems (GPS) technologies as well. The requirement of GIS applications for the modern world has importantly been come to the fore, due to the ongoing climate change scenarios and the escalation of unexpected natural disasters. On this context, the cardinal aim of this post graduate diploma is to develop/make GIS experts covering government and private sectors who will much be capable in GIS and related knowledge and applications. Hopefully, this post graduate diploma will also be impacted much on the local context in terms of shaping the Sri Lanka development trajectory. This post graduate diploma will be covered with very comprehensive theoretical aspects and hand on trainings/laboratory practical sessions by using several software packages, in accordance with the given course contents.

Content

- DGIS1101 - Fundamentals of GIS
- DGIS1102 - Cartography and Coordinate Systems
- DGIS1103 – Photogrammetry
- DGIS1104 - Global Positioning Systems
- DGIS1105 - Database Management
- DGIS1206 - Fundamentals of Disasters
- DGIS1207 - Statistics for Disaster Management
- DGIS1208 - Fundamentals of Remote Sensing
- DGIS1209 - Application of GIS & Remote Sensing in Disaster Management

Admission requirements:

i. A basic degree from a recognized university
ii. At least one year experience in relevant field

Application and all the details can be downloaded from: www.websitelink

Application should be sent to :
The Head, Department of Geography,
University of Colombo.
Contact: Coordinator

Contact Details:
Office : 0112500458

Medium of instructions :
Sinhala and English

Target Groups :
Graduate students, Government and private sector officials and Stakeholders

Duration :
One year (Two Semesters)

Delivery Mode : Online / Onsite (Dual)

Course Fee : 125,000 LKR
Application Fee: 2,000 LKR
Registration fee : 2,500 LKR

Closing Date of Applications: 30th of May 2023   **Course Commencement : 15th of July 2023**