BCM3173 – GEOGRAPHICAL INFORMATION SYSTEMS

This course aims to expose the students with the fundamental concept and principles of Geographical Information system whilst giving them the experience of developing their own GIS system. Throughout the completion of the course, the students will also be able to apply their theoretical knowledge gained in the hands-on exercises using GIS software.

Course Outcomes:

CO1: Demonstrate analytical and conceptual understanding of GIS

CO2: Develop a GIS system following the principle of GIS project development; design, use and reason the spatial analyses involved; and apply hands-on skills of GIS tools

CO3: Demonstrate team work and undertake the role of a leader and a group member interchangeably