

National Workshop on “Geospatial Technology”

10th – 14th February 2020

Department of Geography

Pachhunga University College

The Department had organized a National Workshop on the topic “Geospatial Technology” from 10th to 14th of February, 2020. The workshop was inaugurated by Chief Patron Dr. Tawnenga, honorable Principal, Pachhunga University College. He also delivered his speech and highlighted about Pachhunga University College in brief. Prof. Rintluanga Pachuau delivered the Keynote address. In his keynote address, he explained the details about Remote Sensing & GIS with reference to different geospatial technology and tools. He also described about the utility of geospatial technology. Dr. R. Ramthara delivered the welcoming speech to the participants and other dignities. The whole workshop was divided into ten different sessions and the resource persons delivered a series of lectures and conducted practical sessions. The details of the session and resource persons are as follows.

Details of Technical Session

Day One (10thFebruary, 2020)			
Venue: GIS-Lab			
	<i>Time</i>	<i>Topic</i>	<i>Resource Person</i>
1 st Session	11:00 – 12:00	Basic Concept of Geoinformatics	Zoramkhuma
	<i>Lunch Break</i>		
	<i>Time</i>	<i>Topic</i>	<i>Resource Person</i>
2 nd Session	1:00 – 2:00	Geodesy (Concept of Datum & Coordinate System)	FC. Kypacharili
	2:00 – 4:00	Practical related to 1 st & 2 nd Sessions	

Day Two (11thFebruary, 2020)			
Venue: GIS-Lab			
	<i>Time</i>	<i>Topic</i>	<i>Resource Person</i>
1 st Session	10:00 – 11:00	Principles of Remote Sensing	Zoramkhuma
	11:00 – 12:00	Introduction to Geospatial Data	Zoramkhuma
<i>Lunch Break</i>			
	<i>Time</i>		
2 nd Session	1:00 – 4:00	Practical related to 1 st Session	

Day Three (12thFebruary, 2020)

Venue: GIS-Lab			
1 st Session	Time	Topic	Resource Person
	10:00 – 11:00	Concept of Geographic Information System	Dr. G. Deka
	11:00 – 12:00	Geographic Information System: Data Models	FC. Kypacharili
Lunch Break			
2 nd Session	Time	Practical related to 1 st Session	
	1:00 – 4:00		

Day Four (13thFebruary, 2020)			
Venue: GIS-Lab			
1 st Session	Time	Topic	Resource Person
	10:00 – 11:00	Image Processing & Data Analysis – I (Pre-Processing)	FC. Kypacharili
	11:00 – 12:00	Image Processing & Data Analysis – II (Classification)	FC. Kypacharili
Lunch Break			
2 nd Session	Time	Practical related to 1 st Session	
	1:00 – 4:00		

Day Five (14thFebruary, 2020)			
Venue: GIS-Lab			
1 st Session	Time	Topic	Resource Person
	10:00 – 11:00	Uses and Exploration of Open Sources Data	Zoramkhuma
	11:00 – 12:00	Application of Remote Sensing & GIS	Dr. Bobby
Lunch Break			
2 nd Session	Time	Practical related to 1 st Session	
	1:00 – 3:00		
	3:00 – 4:00	Certificate Distribution & Closing Function	

Key Information:

Date of the Workshop: 10/02/20 to 14/02/2020

Number of Resource Persons (Speakers): 4

Number of Registered Participants: 30

Convenor of the webinar: Dr. R. Ramthara

Organizing Secretary: Zoramkhuma

Sponsored By: Department of Science & Technology, Govt. of Mizoram

Mode of Workshop

- The content/syllabus of the workshop was solely based for meeting the requirement of Under Graduate and Post Graduate syllabus especially on earth sciences and life sciences (Geography, Geology, Environmental Science, Forestry, Botany and Zoology etc).
- The workshop was also designed to introduce Geoinformatics technology on teaching faculty, researcher and scientists.
- The workshop was specially designed to make used of open-source software, mainly QGIS, which is popular and user friendly in Remote Sensing and GIS domain.
- This workshop introduced different sources of spatial and non-spatial data product available in public domain (Raster or Vector Data) such as, Google Earth, DIVIA-GIS, Open Street Map (OSM), Earth Explorer and Bhuvan etc.



ZORAMKHUMA
Organizing Secretary

Dr. R. Ramthara
Convener

HL LAWMZUALA
Head