

**CC1(QGIS) 45 HOURS**

<b>DATE</b>	<b>TOPIC NAME</b>	<b>TEACHER</b>
4/2	INTRODUCTION OF GIS AND SOFTWARE	S.D
5/2	GIS AND RS	A.G
11/2	QGIS GEOREFERENCING(THEORY+PRACTICAL)	S.D
12/2	GEOREFERENCING IMAGE TO IMAGE+THEORY	S.D
18/2	DIGITIZATION(THOERY+PRACTICAL)	S.D
19/2	LABELLING+THEMATIC MAP	A.G
25/2	DATA JOIN AND THEMATIC MAP CREATION (THORY+PRACTICAL)	S.D
26/2	SUPERVISED IMAGE CLASSIFICATION	A.G
4/3	LAYOUT CREATION	S.D
5/3	UNSUPERVISED	A.G
11/3	<b>PRACTICE CLASS</b>	S.D
12/3	DEM CREATION(THOERY+PRACTICAL)	S.D
18/3	SPATIAL QUERY	S.D
19/3	ATTRIBUTE QUERY	A.G
25/3	BUFFER ANALYSIS	S.D
26/3	NEAREST NEIGHBOUR ANALYSIS(THORY+PRACTICAL)	A.G
1/4	GOOGLE EARTH PRO	S.D
2/4	GPS INTRODUCTION	A.G
8/4	GPS DATA COLLECTION	S.D
9/4	HYDROLOGICAL ANALYSIS	A.G
15/4	GPS DATA IN QGIS	S.D
16/4	NDVI MAPPING	A.G
22/4	<b>PRACTICE CLASS</b>	S.D
	<b>CC2(ARC GIS) 45 HOURS</b>	
23/4	INTRODUCTION ABAOUT ARC GIS AND GEOREFERENCING	A.G
29/4	DIGITIZATION	S.D
30/4	LEBELLING AND MAPPING ADVANCE	A.G

6/5	DATA JOIN	S.D
7/5	THEMATICE MAP CREATION	A.G
13/5	LAYOUT FORMATION	S.D
14/5	REMOTE SENSING THOERY	A.G
20/5	<b>PRACTICE CLASS</b>	S.D
21/5	DEM DATA CREATE CONTOUR HILLSHADE ETC.	A.G
27/5	PROXIMITY ANALYSIS	S.D
28/5	WATERSHED DELINIATION	A.G
3/6	STREAM ORDERING	S.D
4/6	GIS +REMOTE SENSING THEORY CLASS	A.G
10/6	INTERPOLATION METHOD	S.D
11/6	SUPERVISED CLASSIFICATION	A.G
17/6	TIN MODEL	S.D
18/6	SPATIAL ADJUSTMENT (THORY +PRACTICAL)	A.G
24/6	DOWNLOAD DATA AND CREATE MAP	S.D
25/6	GEOLOGICAL MAP CREATION	A.G
01/07	NEAREST NEIGHBOUR ANALYSIS	S.D
02/07	ADVANCE WORK(NDVI,NDBI,NDWI ETC.)	A.G
08/07	<b>PRACTICE CLASS</b>	S.D
09/7	<b>INTRODUCTION OF ARC GIS PRO</b>	S.D

## 2<sup>ND</sup> SEMESTER

<b>CC1(ARC PRO) 40 HOURS</b>		
<b>DATE</b>	<b>TOPIC NAME</b>	<b>TEACHER</b>
9/7	INTRODUCTION OF ARC PRO GIS AND SOFTWARE	S.D
15/7	GIS AND RS THEORY BASED ON ARC PRO	A.G
16/7	CREATING DATA CONNECTIONS & GEOREFERENCING(THEORY+PRACTICAL)	S.D
22/7	GEOREFERENCING IMAGE TO IMAGE+THEORY	S.D
23/7	DIGITIZATION AND MAKING FEATURES CLASS(THOERY+PRACTICAL)	S.D
29/7	LABELLING & DATA JOIN	A.G
30/7	THEMATIC MAP CREATION (THORY+PRACTICAL)	S.D
5/8	LAYOUT CREATION	A.G
6/8	SUPERVISED CLASSIFICATION	S.D
12/8	UNSUPERVISED	A.G
13/8	GEOPROCESSING CLIP	S.D
19/8	DEM CREATION(THOERY+PRACTICAL)	S.D
20/8	SPATIAL QUERY	S.D
26/8	ATTRIBUTE QUERY	A.G
27/8	BUFFER ANALYSIS	S.D
2/9	NETWORK ANALYSIS	A.G
3/9	HYDROLOGICAL MODEL	S.D
9/9	SPECTRAL INDICS(NDVI NDBI ETC.)	A.G
10/9	ADVANCED WORK IN PRO	S.D
16/9	<b>PRACTICE CLASS</b>	S.D
	<b>CC2(AGISOFT) 30 HOURS</b>	
17/9	INTRODUCTION ABOUT DRONE AND AGISOFT	S.D
23/9	DRONE SURVEY AND IMAGE COLLECTION	A.G
24/9	GEO TAG AND NON GEO TAG IMAGE	S.D
30/9	ADDING IMAGE AND KNOWING ABOUT IT	A.G
1/10	GEOREFERENCE	S.D
7/10	ORTHO MOSAIC THEORY	A.G

8/10	ORTHOMOSAIC PRACTICAL	S.D
15/10	ALIGNING IMAGE	A.G
29/10	CALCULATE VOLUME	S.D
4/11	BUILD DEM DSM	A.G
5/11	BATCH PROCESSING OF MULTIPLE CHUNK	S.D
18/11	CONTOR LINE GENERATION	S.D
19/11	DIGITISATION OF ORTHOMOSAIC MAP	A.G
25/11	LAYOUT DESIGNING FOR PRINTING OF MAPS	S.D
26/11	<b>PRACTICE CLASS</b>	A.G
<b>AUTOCAD(20 HOURS)</b>		
2/12	INTRODUCTION AND AUTOCAD WALKTHROUGH	P.H
3/12	LAYER CREATION AND SETTINGS	P.H
9/12	CONNECT TOOL=>RASTER AND VECTOR DATASET	P.H
10/12	DIGITIZATION	P.H
16/12	GEOREFERENCING IN AUTOCAD	P.H
17/12	DRAWING CLEANUP	P.H
23/12	BUILD TOPOLOGY	P.H
24/12	ANNOTATION	P.H
30/12	BUFFER AND OVERLAY	P.H
31/12	LAYOUT CREATION AND EXPORT OPERATIONS	P.H