

COURSE NAME: GIS PRACTICAL-2

COURSE CODE: GIS-P2/ DGIS-P2/ CGIS-P2

BLOCK 1: GEO REFERENCING AND IMAGE RECTIFICATION

Unit1: Georeferencing using ground control points (GCPs)

Unit2: Image rectification using resampling techniques

BLOCK 2: IMAGE ENHANCEMENT

Unit3: Linear contrast, piecewise stretching, High pass, and low pass filter

Unit4: Image Rationing (Indices like NDVI ect.)

BLOCK 3: UNSUPERVISED AND SUPERVISED CLASSIFICATION

Unit5: Unsupervised classification (kmeans, ISODATA)

Unit6: Supervised classification (maximum likelihood, minimum distance, and box classification)