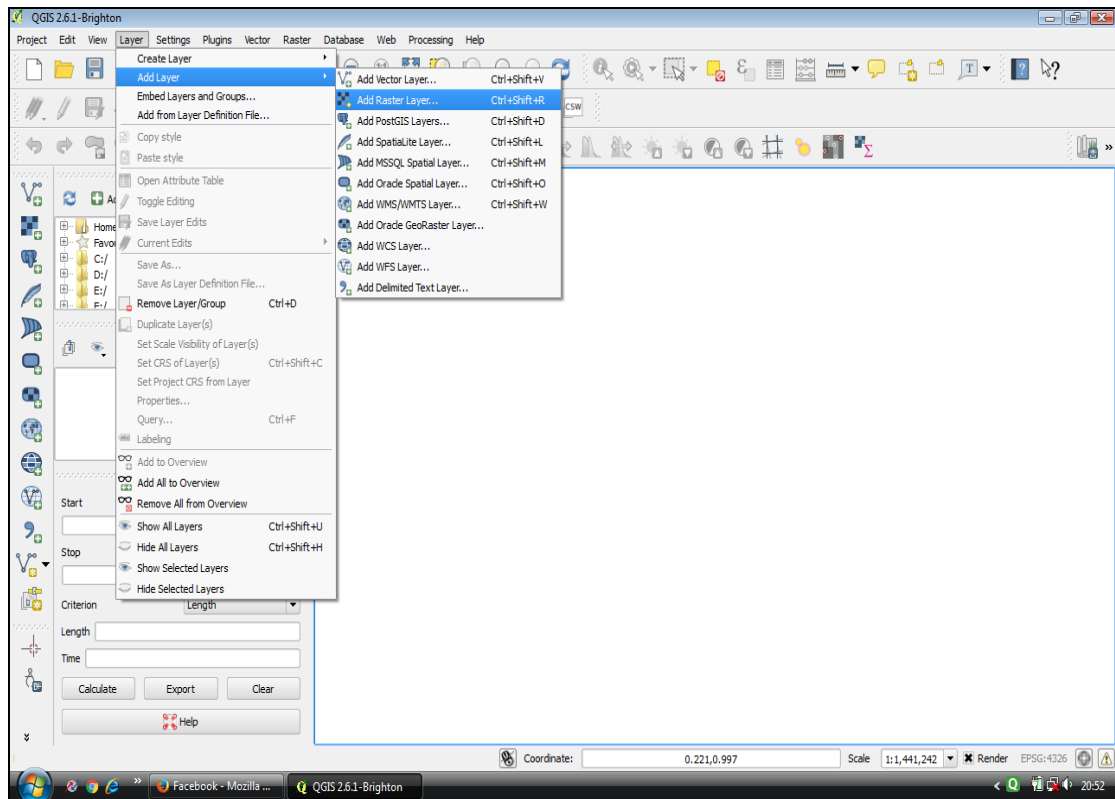
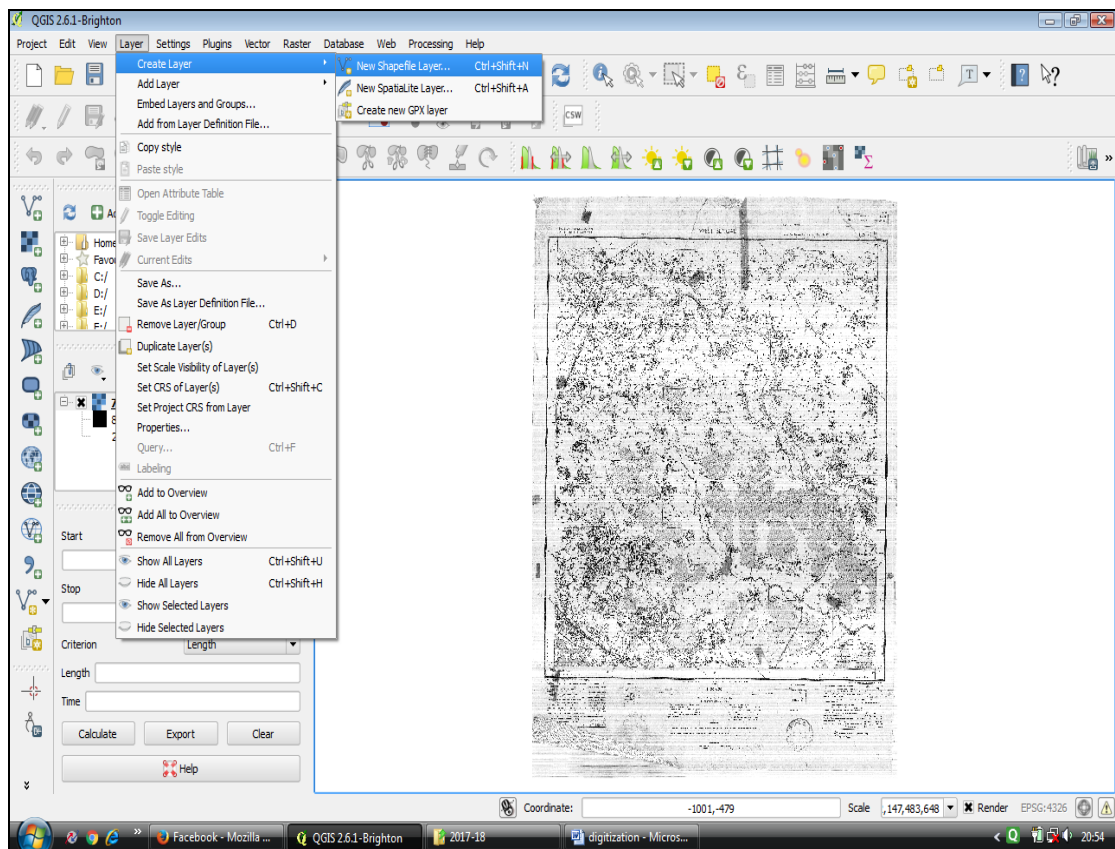


**MANUAL  
ON  
DIGITIZATION AND  
EXTRACTION OF PHYSICAL  
FEATURES FROM  
TOPOSHEET  
USING OPEN SOURCE  
SOFTWARE: Q-GIS**

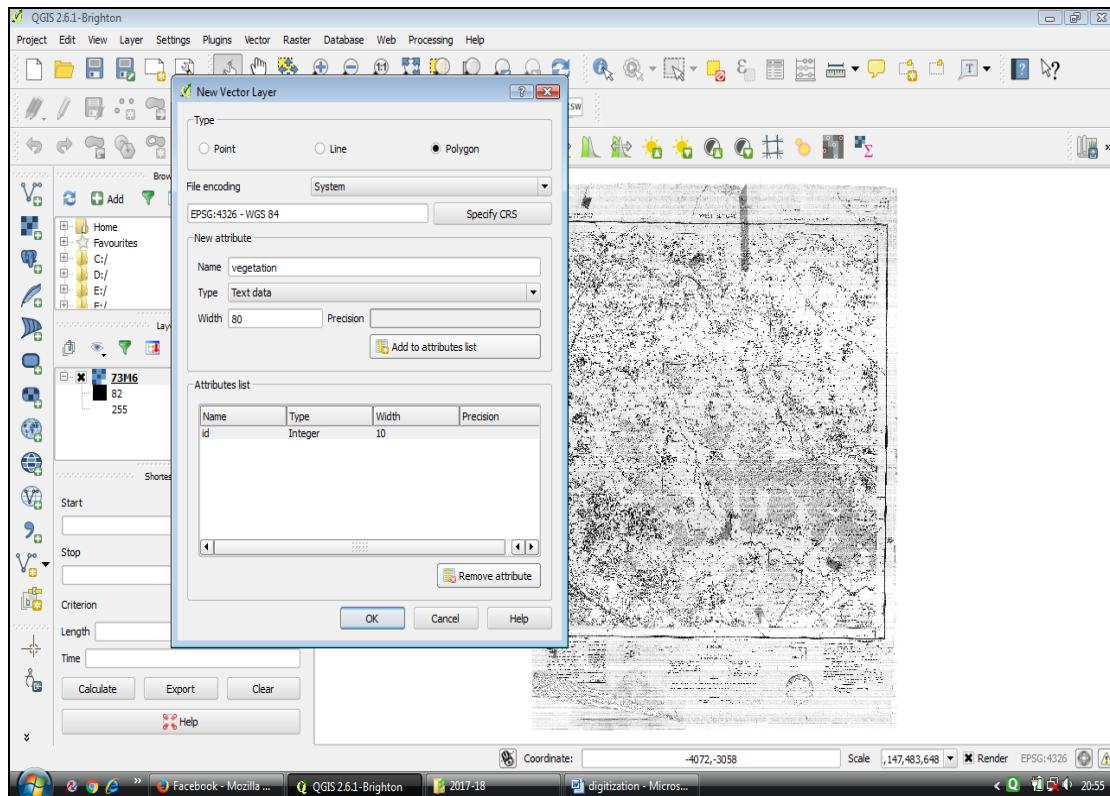
**Dr. RITUPARNA GHOSH  
ASSISTANT PROFESSOR OF GEOGRAPHY  
RANIGANJ GIRLS' COLLEGE**



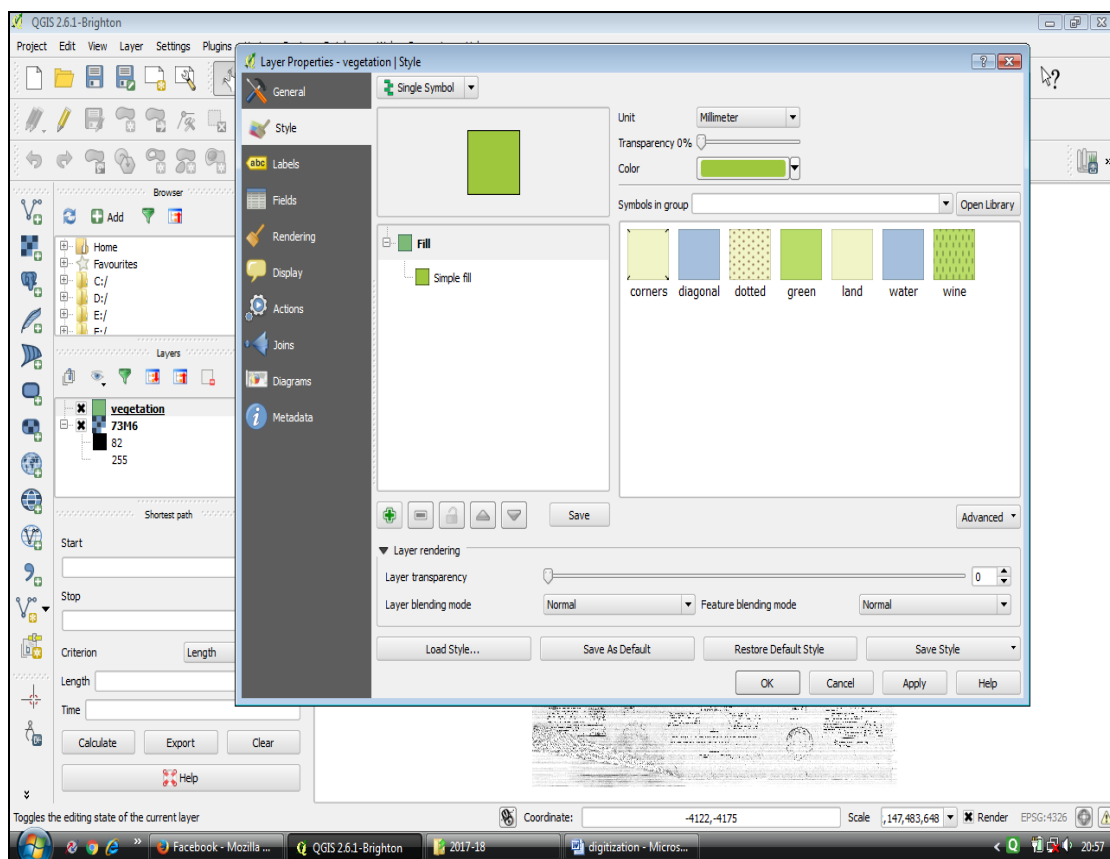
1) OPEN THE TOPOSHEET (RASTER LAYER) ON WHICH THE PHYSICAL FEATURE IS TO BE DIGITIZED



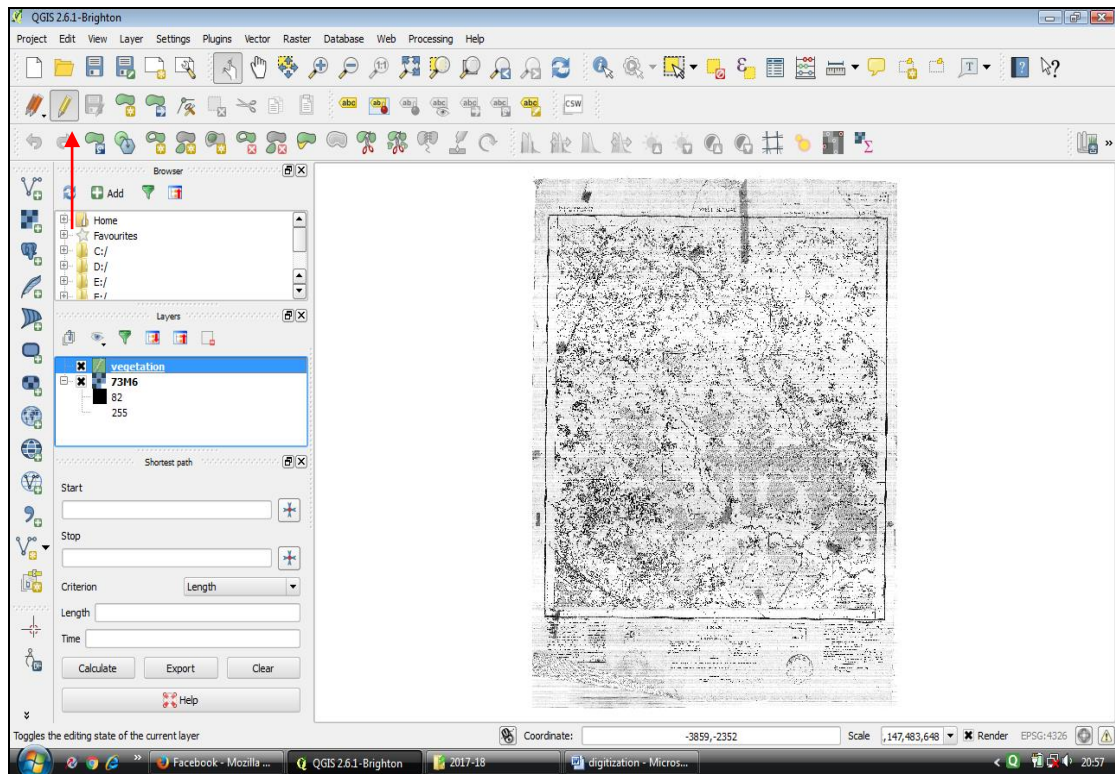
2) CREATE THE VECTOR LAYER



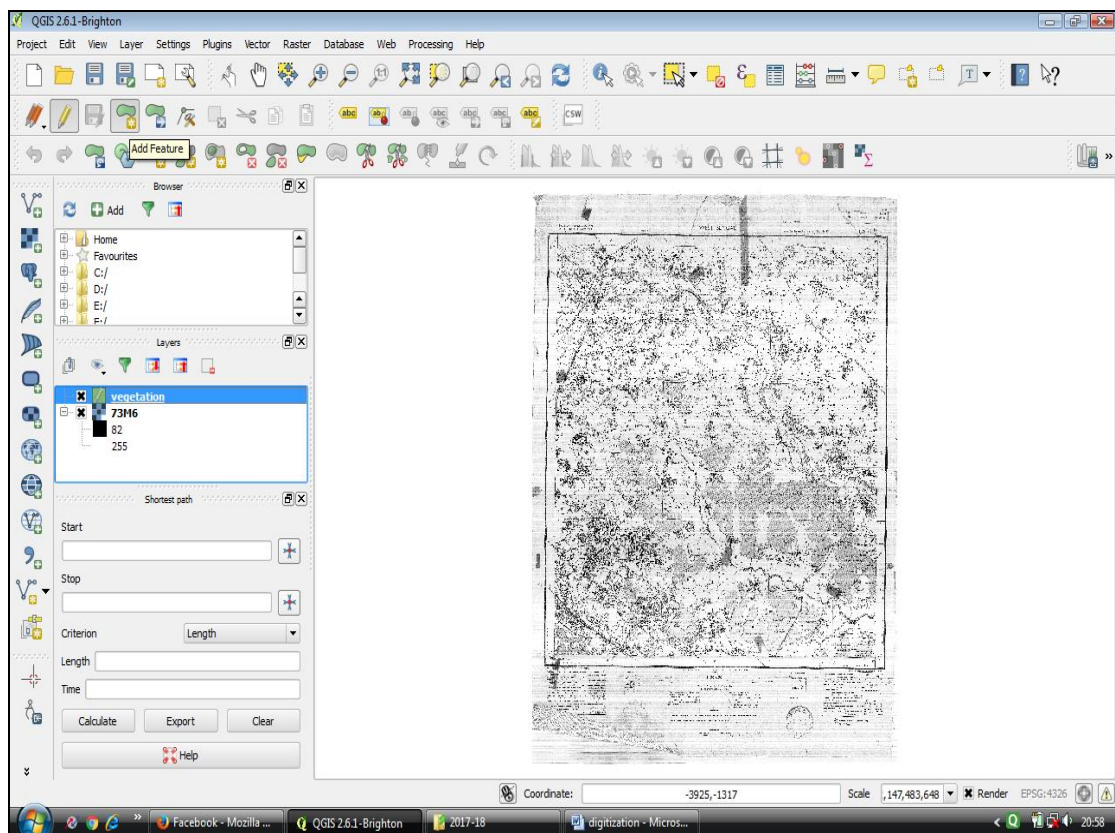
3)NAME THE VECTOR LAYER-VEGETATION



4)SELECT THE SYMBOL AND COLOUR FOR THE VECTOR LAYER

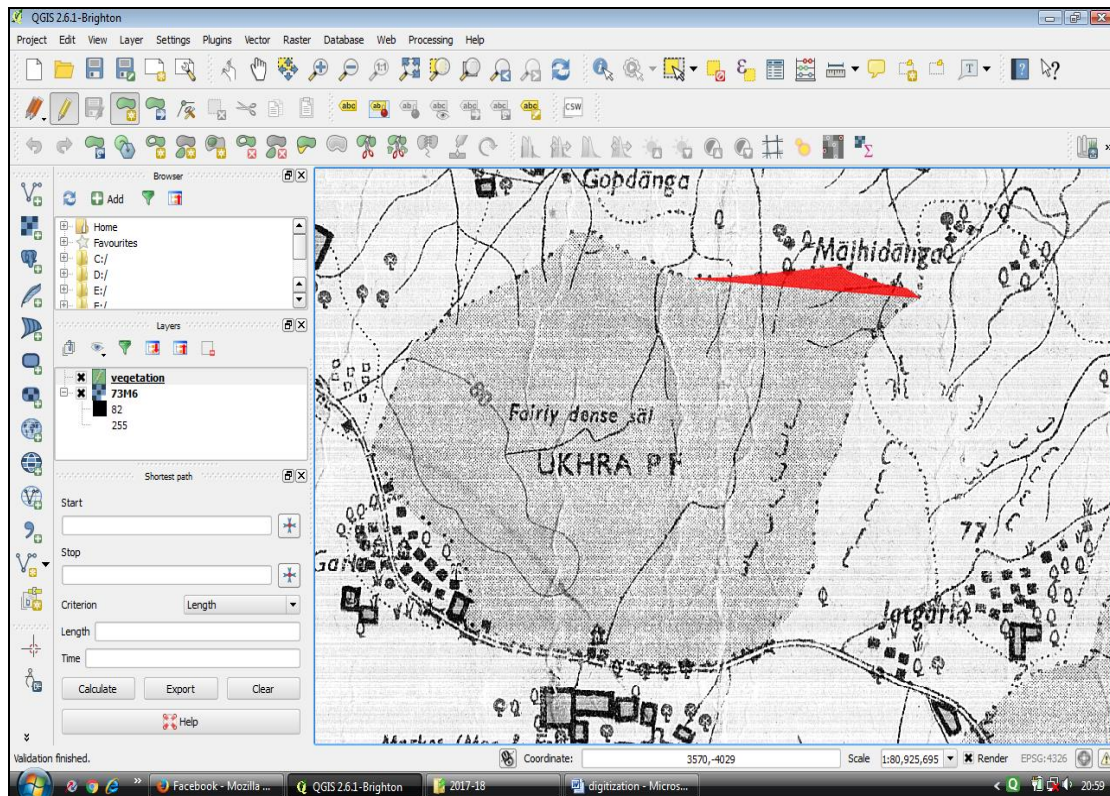


5) CHOOSE THE 'EDIT' ICON

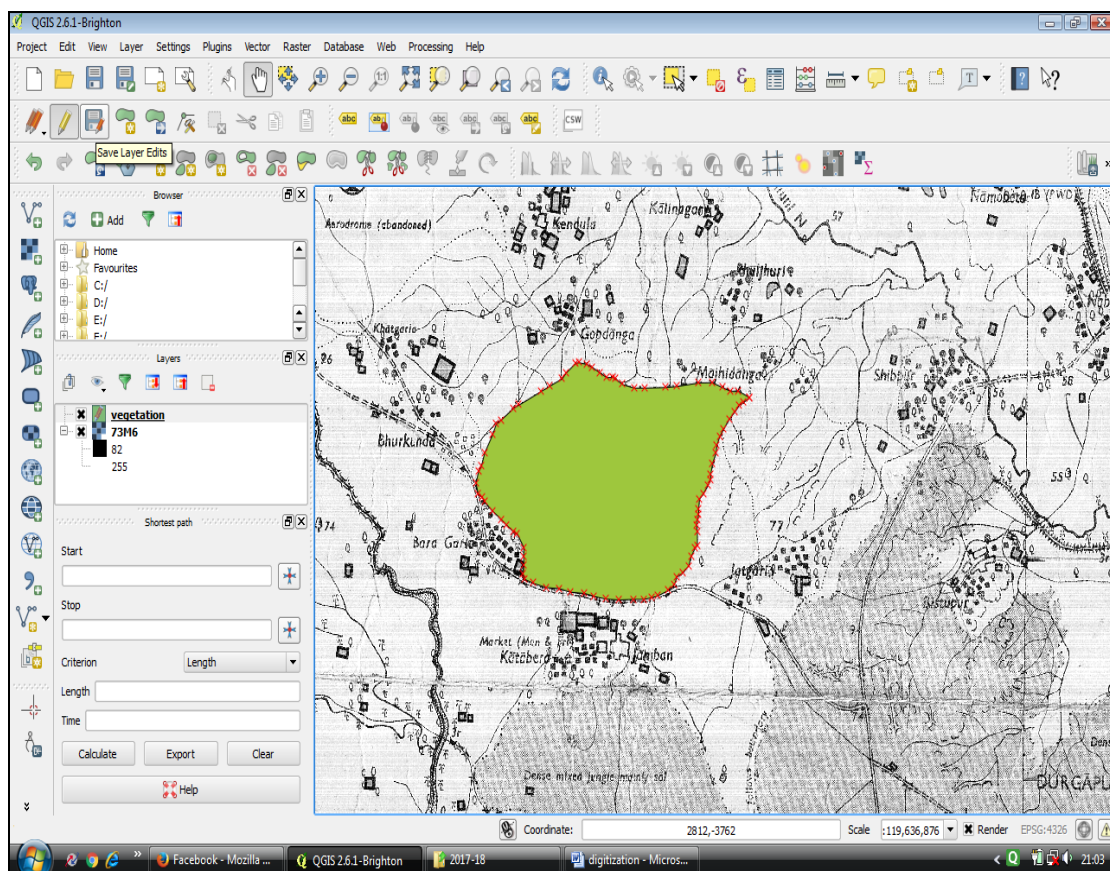


6) SELECT THE ICON 'ADD FEATURE' TO BEGIN DIGITIZATION





7) DIGITIZE THE SELECTED AREA BY CLICKING ON IT. SINGLE LEFT CLICK IS REQUIRED



8) END THE DIGITIZATION PROCESS BY DOUBLE CLICKING ON THE SAME POINT WHERE THE SAME HAD BEEN STARTED