

# THESIS PROJECT

Student: **Amarebh Refera Sorta**

Programme: **MSc. in Geotechnics and Geohazards, NTNU**

Title: **Deformation properties of stabilized quick clay and laterite soils**



(a)



(b)

**Fig. 1: Stabilization of quick clay with lime and waste paper sludge ash (WSA)**



**Fig. 2: Compaction of sample**



**Fig. 3: Stabilization of laterite soil with lime and volcanic ash**



**Fig. 4: Laterite samples prepared for oedometer test**



**Fig. 5: Incremental load Oedometer test on stabilized quick clay and laterite soils**



**Fig. 6: Continuous loading Oedometer test on stabilized quick clay and laterite soils (CRS)**