

Activities so far as on 20/04/2016

MOT-01/JGT in Rural Road/2016: Development of Standards for Use of Jute Geotextiles (JGTS) In Rural Roads

Preliminary works related to the testing of various soil properties of Black Cotton Soil from Andhra Pradesh, Red Soil from Assam, etc. are going on. Fabrication of pavement model boxes is being carried out at IJIRA. A Soil Testing Laboratory has been set up at IJIRA, Kolkata with the following soil testing equipments -

- a) Liquid Limit Device
- b) Hydrometer along with its stirrer
- c) Sieves with sieve shaker
- d) Proctor compaction equipment
- e) Modified Proctor compaction equipment
- f) California Bearing Ratio (CBR) apparatus with accessories
- g) Direct shear apparatus

Procurement of the following necessary equipments is in progress –

- a) Laboratory vane shear apparatus, Motorized
- b) Benkelman Beam
- c) MERLIN apparatus
- d) Portable Skid tester- British Pendulum Skid Resistance tester
- e) Cyclic load equipment with pneumatic actuator along with Air Drier and Air Compressor
- f) Perspex tanks
- g) CBR Moulds
- h) Sampling tubes
- i) Soil classification test apparatus
- j) Projection microscope with image analysis software