



# SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES, CHITTOOR (AUTONOMOUS)

Awarded 'A' Grade by Technical Education, Govt. of A.P, Approved by AICTE, New Delhi,

Permanently Affiliated to JNTUA, Ananthapuramu. NBA Accredited for B.Tech – CSE, ECE & MECH Courses

## CIVIL ENGINEERING DEPARTMENT

### Concrete Technology Laboratory

The 'concrete' is the strength in imagination. The primary activities include experimental studies on different types of materials which are using in construction and testing of concrete specimens in various exposure conditions. The Concrete technology Laboratory also offers technical services for testing and research on the structural behavior and properties of materials. The concrete laboratory is equipped with all the equipment's required for manufacturing and testing of specimens. For Civil Engineer 'Concrete' is one of the important construction materials. Study of its constituents and their properties is essential for preparing and to develop required field knowledge.



Our Laboratory equipped with:

- Compression testing machine
- Universal testing machine
- Vicat Apparatus
- Impact Testing machine
- Slump mould
- compacting factor apparatus
- aggregate impact equipment
- sieve shaker
- vibrating table, Cubes
- Cylindrical mould etc.



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## CIVIL ENGINEERING DEPARTMENT

### TRANSPORTATION ENGINEERING LAB

Highway engineering is deals with the planning, design, construction, operation, and maintenance of roads, bridges, and tunnels to ensure safe and effective transportation of people and goods with the strength, rigidity, flexibility, lucidity, smoothness, shock-absorbance, bonding strength of the mix, load bearing capacity of the roads and many other qualities of the highway are due the bitumen and aggregate which are spread with its well-calculated materials throughout the pavement.

List of equipment:

- Los Angeles Abrasion Test
- Penetration Test
- Softening point test
- Deval Abrasion Test
- Flakiness Index
- Elongation Index Test
- Ring and ball apparatus
- Ductility Test
- Aggregate Impact Test

