



Learn Beyond

KPR Institute of Engineering and Technology

(Autonomous, NAAC "A")



Computerized Universal Testing Machine (UTM)

Capacity – 1000 kN (100 T)
Make – Aimil
Type – 6 Pillar
with Hydraulic Jaw Set

Strength of Materials Laboratory

Testing Services Offered

Steel

-Tensile Strength

Metal Matrix Composite

Polymer Matrix Composite

Ceramic Matrix Composite

-Compressive Strength

-Tensile Strength

Hardened Concrete

-Compressive Strength

-Split Tensile Strength

-Flexural Strength

Bricks / Paver blocks

-Absorption Test

-Crushing Strength

-Presence of Salts

Wood

-Crushing Strength

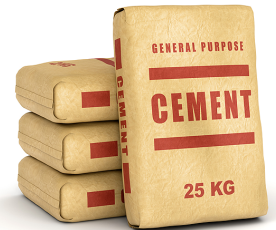
-Moisture Content Test

Cement

-Consistency

-Setting Time

-Compressive Strength



Highlights

- Electronic Extensometer Test
- High Loading Accuracy
- Excel Data Backup for accurate graph plotting

Testing Charges

Rs. 150 per sample

Service Charge

Rs. 150 for 3 samples

For more details, contact

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Born to Build

Department of
Civil Engineering