

STRUCTURAL ANALYSIS LABORATORY

The Structural Analysis Laboratory serves a wide spectrum of activities covering teaching, research, development, and consultancy. The primary activities include experiments by the UG students. With the available state-of-the-art load/displacement-controlled equipment for load application, precision instrumentation, data acquisition and monitoring, the laboratory represents a unique facility for large scale material testing facility. Following is the list of important equipment in the laboratory:

Name of the Important equipment	Technical Manpower Support		
	Name of the Technical Staff	Designation	Qualification
<ul style="list-style-type: none">• Universal Testing Machine• Torsion testing machine• Impact testing machine• Hardness testing machine• 3 hinge arch• Bending moment & shear force apparatus• Steel beam apparatus• Curved member	Mr. Mohd. Nizamuddin	Technical Assistant	B.A.(Psy) H Refrigeration & Air conditioning



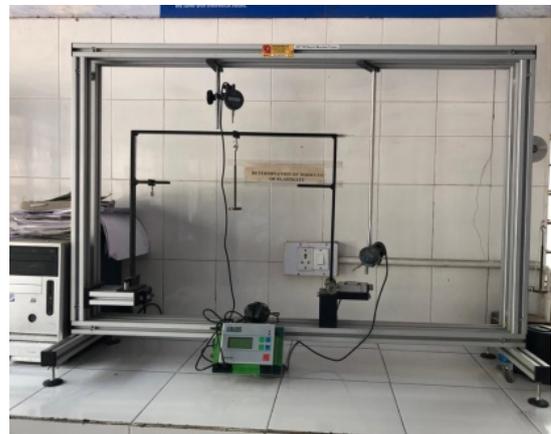
CURVED MEMBER
APPARATUS

THREE HINGED ARCH APPARATUS



STEEL BEAM APPARATUS

PORTAL FRAME





DETERMINACY OF TRUSS



UTM



IMPACT TESTING MACHINE

HARDNESS TESTING APPARATUS



LOAD DISPLACEMENT OF PORTAL FRAME