












Madanapalle Institute of Technology and Science

DEPARTMENT OF CIVIL ENGINEERING

Sl.no	Equipment Name	Equipment Image
1	Ranging rods	
2	Levelling staves	
3	Cross staves	
4	30m Chain and pegs	
5	30 m Tape	

6	Tripod for plane table	
7	Tripod for theodolite	
8	Theodolite	
9	Surveyor's compass	
10	Alidade	

11	Auto level	 A red and white Pentax AP-228 automatic level. The device has a red upper housing with the 'PENTAX' logo and 'AP-228' model number. It features a black eyepiece on the right and a large black adjustment knob on top. The lower part is white with a black circular scale around the base.
12	Dumpy level	 A white dumpy level with a long horizontal telescope. It has a black adjustment knob on top and a circular logo on the side of the telescope. The base is white with black leveling screws.
13	Total station	 A total station instrument stored in an orange hard-shell carrying case. The case is open, showing the instrument and various accessories like a tripod, level, and other tools. The instrument is white and black with a red top section.