

Module Name (Civil Engineering)	Total Hours
Total Station Use in Road/Pipe lines projects <i>(Approved by Lawrence and Mayo, Ahmedabad)</i>	32

Topic	Sub Topic	Hours	
		Theory	Practice
1. Basics of Total Station	1.1 Centring and Levelling of the Instrument 1.2 Eyepiece adjustment 1.3 Target sighting 1.4 Distance and Angle Measurement 1.5 Creating and saving new file	04	08
2. Use of Total Station for Construction of Road	2.1 Road Design 2.2 Intersection Method 2.3 Building Blocks Method	03	06
3. Use of Total Station for Laying of Pipe line.	3.1 Remote Distance Measurement 3.2 Stake out Points	04	06
4. Data Transfer	4.1 Transfer of data from Total Station to computer 4.2 Making .CSV and .DXF file and opening in AutoCAD	00	01
Total Hours		32	