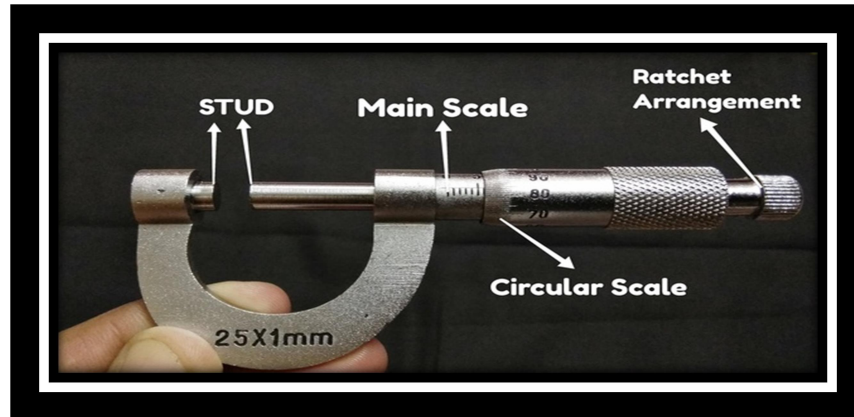


Class 9(physics)

SCREW GAUGE



A screw gauge works on the principle of a screw.

It is used to measure the diameter of a wire or thickness of a paper etc, usually up to an accuracy of third decimal place of a cm (i.e., correct up to 0.001cm)

Screw gauge _ main parts and their functions.

<i>Part</i>	<i>Function</i>
1. Ratchet	To advance the screw by turning it till the object is gently held the stud and spindle of the screw.
2. Sleeve	To mark main scale and base line.
3. Thimble	To mark circular scale.
4. Main scale	To read length correct up to 1 mm.
5. Circular scale	Helps to read length correct up to 0.01 mm



Assignment: Exercise -1(b)

Q.14,15 and 16.