Speed

(J)

It is a physical quantity which gives us an idea about the motion of a body. Suppose we want to compare the motions of the cycle and car on the road. We see that car travels faster than the cycle in the same time-period. Hence, we say that the car moves faster than the cycle.

The distance travelled by a body per unit time is known as the speed of a body.

Speed (s) = Distance travelled (d) / Time taken (t)

 $Speed(s) = \frac{Distance travelled (d)}{Time taken (t)}$

Speed is a scalar quantity. Its S.I unit is meter per second (m/s).