

Summary

This lecture taught you that sine, cosine and tan functions are trigonometric functions.

In a right angle triangle sine of an angle is defined as $\sin \theta = \frac{\text{opposite side}}{\text{hypotenuse}}$ Sine function is a periodic function.

Similarly cosine function of an angle in a right angle triangle is defined as $\cos \theta = \frac{\text{adjacent side}}{\text{hypotenuse}}$ cosine function is also a periodic function.

Tan function is defined as $\tan \theta = \frac{\text{opposite side}}{\text{adjacent side}}$ these are all the concepts you learnt from this lecture.