**Class 10B Second term project**

**Last Date of submission Monday 3rd December 2018**

Prove that Area of circle is equal to π r2

Pre require knowledge i) Area of triangle ii) circumference of circle

Procedure:

Construct a circle on a chart paper and divide it in to triangle by joining lines from the center of the circle.

Find the area of triangle by using formula

Adding area of all triangles provide the area of circle.

Detail working discussed in class.