# Project :Deep Learning Fundus Image Analysis For Early Detection Of Diabetic Retinopathy

Introduction:

Diabetic Retinopathy (DR) is a common complication of diabetes mellitus, which causes lesions on the retina that affect vision. If it is not detected early, it can lead to blindness.

Questions :

1)Who does this problem affect?

Problem arise for people with diabetes.

2)What are the common symptoms?

Early stages there are no significant symptoms or only mild vision problems.

3)When does the issue occur?

Issue occurs in the eye when blood vessels of light sensitive tissues are damaged.

4)Why is it important to fix the problem in early stages?

The problem if identified early with proper treatment permanent blindness can be avoided.

5)What are the current methods to diagnose?

Current diagone methods are mostly manual and are prone to human error.

Problem Statement:

To provide diabetic patients with a testing method that is non-invasive and can detect the Diabetic Retinopathy at its early stages accurately to avoid complications or loss of eyesight at later stages.