DIABETIC RETINOPATHY DETECTION

WITH ARTIFICIAL INTELLIGENCE

A project by
**KERALA DEVELOPMENT AND INNOVATION
STRATEGIC COUNCIL**
for
REGIONAL INSTITUTE OF OPHTHALMOLOGY

K-DISC
Kerala Development and Innovation
Strategic Council

In collaboration with

Regional Institute of
Opthalmology

Department of Health and
Family Welfare

CDAC
Centre for Development of
Advanced Computing

eHealth KERALA
eHealth Kerala

Real-time Retinal Image Quality Assessment

- Automated Recommendation for DR by Retinal Image Analysis

- Operator Notification of Image Gradeability

- DR Analysis Results by SMS/Email

- Automated Patient Screening Reports

- DR Status of the Patient updated into Patient EHR