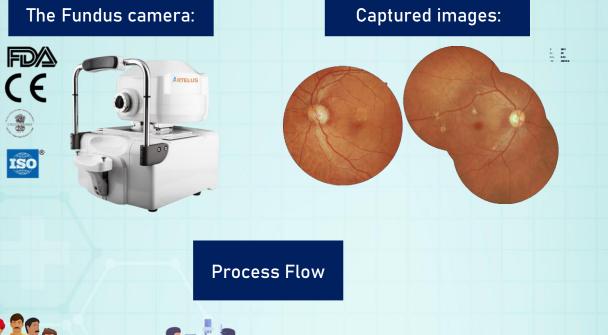
PROJECT FUNDED BY NEC:- 5G APPLICATIONS IN NER WITH HUB AT AMTRON GUWAHATI



North Eastern Council (NEC), Ministry of Development of North Eastern Region, Government of India

5G application for Detection of Diabetic Retinopathy





Locals gather at a

screening camp /

local health center

Local coordinator captures fundus images for all attendees using specialized camera

Al engine analyses the images, searches for numerous abnormalities that have been taught to the system using lakhs of images, and provides a screening report within seconds, without the need for internet

connectivity

One Year Later

No abnormality detected

Detection of Retinal abnormality viz., Diabetic Retinopathy











