Health Department

Automated Cervical Cancer Screening

Business Case

  Cervical cancer screening via PAP smear analysis on slides is done widely in the state of Kerala

  The analysis is carried out in the form of healthcare camps in the rural parts of the state.

  Due to the lack of trained pathologists/gynecologists in the district, only one or two camps are currently being organized in a month.

Artificial Intelligence

Outcome/Benefits

  To augment the work of pathologists and help them handle more cases in a much easier way.

  To develop AI based software that can successfully detect the different types of cells, conditions and abnormalities in a given scanned image of a Cervical Pap Smear sample.

  To generate automated reports from the system.