

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
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PROJECT REPORT
ON
"TABLET STRIP RECOGNITION"

Submitted in partial fulfillment of the requirements for the degree of

Bachelor of Engineering
IN
Computer Science & Engineering

Submitted by

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ABSTRACT

Object recognition is the technique of identifying the object on basis of its colour, shape size and other features

Humans detect the objects by their properties such as colour, shape, and design. Object detection by humans is a general task performed. Identifying the land marks, navigating the road, selecting items for purchasing are some of the tasks done frequently by humans. A shop keeper billing the items selected is an object recognition task. To automate the billing process, barcodes are printed on tags or objects and scanners are used to identify the objects thereby getting the price information from the database to complete the bill and it is presented to the customer.

Tablet strips, also called blister packs do not have barcodes, hence it is difficult to use simple scanners to identify the tablets. This project makes use of image processing technique to recognise the tablets by processing their image even if they don't have the barcode.