

## ALPHANUMERIC CHARACTERS DETECTION ON LICENSE PLATE USING IMAGE PROCESSING

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### ABSTRACT

This paper introduces a method of vehicle license plate (VLP) detection technique. Detecting the license plate plays a major role in the traffic surveillance. This system could be implemented in different areas like Parking, traffic signals, and mostly where the Security issues are needed. The extraction and recognition of the vehicle license plate is done using Matlab. The images are taken from the digital camera. The alphanumeric on the vehicle license plate is extracted and recognized using the database of the alphanumeric characters. The extracted characters on the vehicle license plate are printed on notepad for verification purpose.

**KEYWORDS:** Image Processing (IP), Character Segmentation (SC), Image Acquisition (IA)