**Implementation Of Image to Text Conversion Using Android App**

**ABSTRACT**

The paper aims to recognize the image and translate it into an editable text using Optical Character Recognition (OCR) method through an android app. This paper presents a efficient use of the android platform to extract the text from an already existing image as well as from any real time image, providing the user with multiple time cropping option for expeditious recognition of text.. The android app developed will have no remote computing as it is developed using Tesseract, an OCR engine which along with all image processing suite, is installed in the android app.

## The Operating Environment

**Software Requirements used are**

Windows XP (32-bit) or Vista (32- or 64-bit)

Mac OS X 10.4.8 or later (x86 only)

Linux (Linux Ubuntu)

Java 1.6 and Android SDK.

## Hardware Interfaces

Hardware Requirements are P2 above processor, 512MB+ of main memory (RAM) and for the base SDK package, at least 600MB of available disk space. For each platform downloaded into the SDK, an additional 100MB is needed.

## Software Interfaces:

* Java 1.6
* Android SDK 1.5 or later
* Eclipse Ganymede IDE
* Operating System can be Windows XP/ LINUX or Mac etc.