

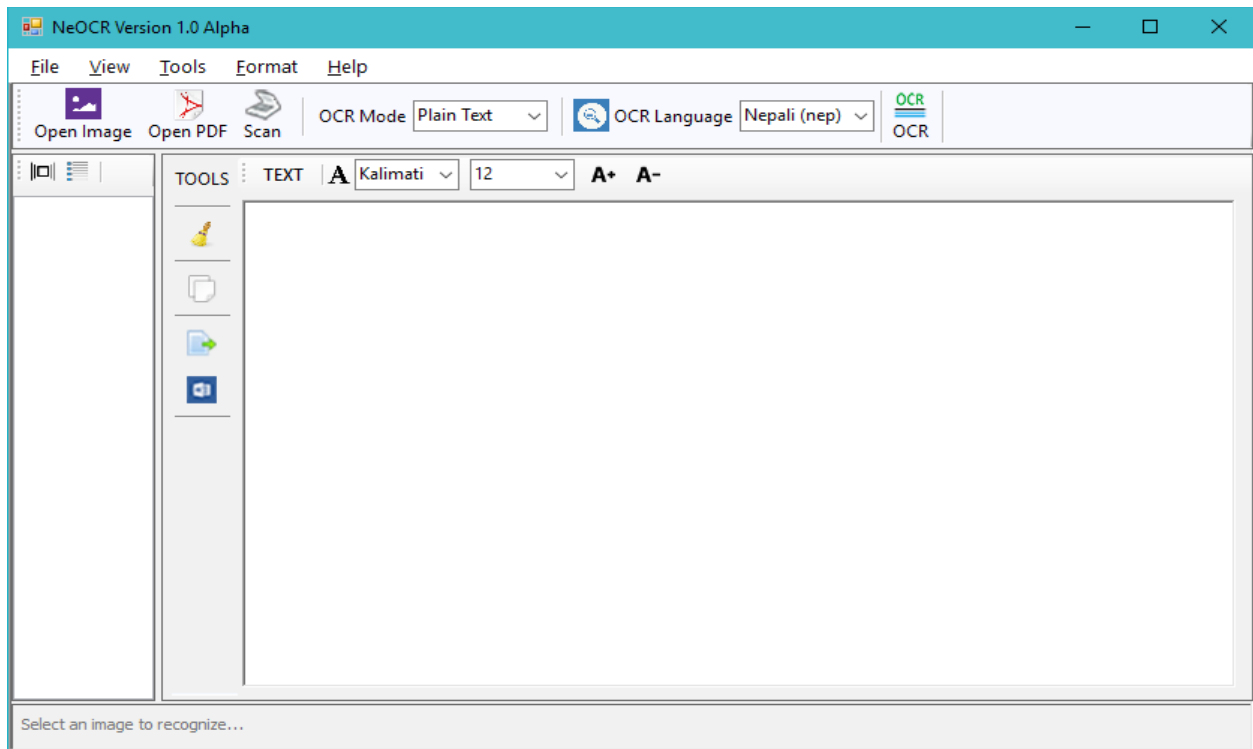
Nepali OCR software version 1.0.0 was released on August 21, 2017 amidst a function in Kathmandu. The software is a collaborative effort between the Information and Language Processing Research (ILPRL) Lab, Department of Computer Science and Engineering, Kathmandu University and the Nepal Association of Blind. The OCR software has the capabilities of converting text image documents (PDF, JPEG, PNG, BMP etc.) to editable text format. This software is yet another milestone in the field of Nepali Language Processing and is believed to largely empower the visually impaired and people with low vision. Additionally, it will serve as an asset for archive houses and the general public. The Nepali OCR Technical team at the ILPRL LAB comprising Dr. Bal Krishna Bal, Mr. Nirajan Pant, Mr. Sanjeev Budha and Dr. Balaram Prasain (CDL, TU) were working on the product since October 2016.

Some glimpses from the Software release ceremony

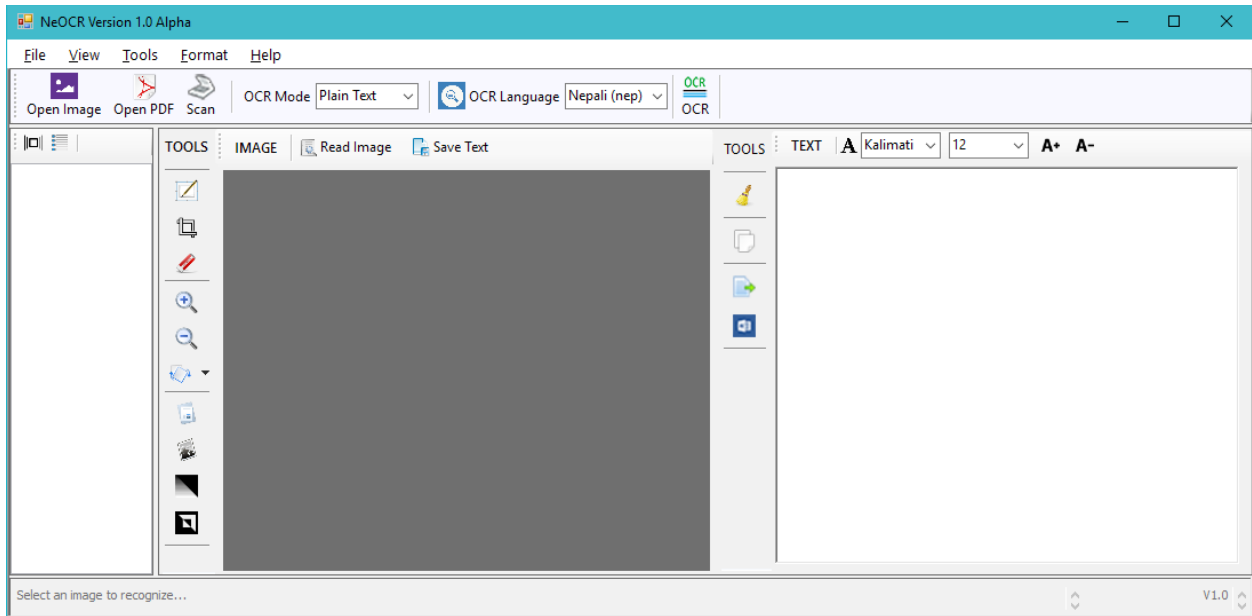


Some snapshots of the Nepali OCR software interface:

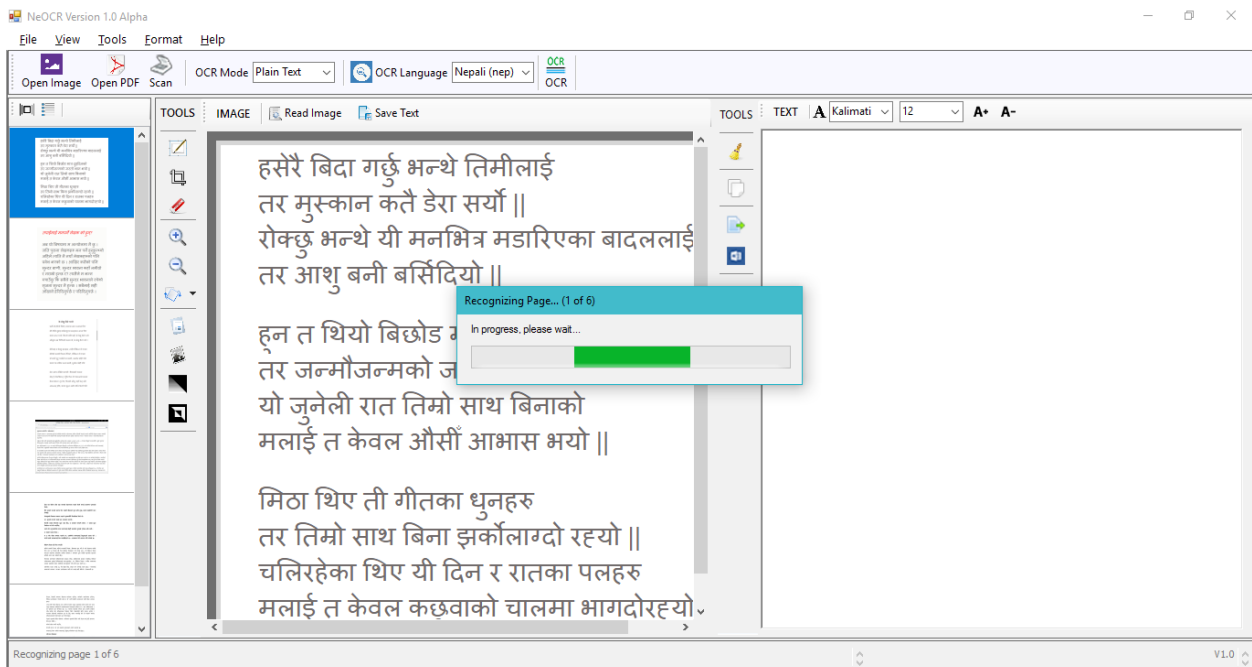
Main Interface:



Main Interface with Image Preview Pane:



OCR Bulk Processing:



Recognition Using Wizard

File View Tools Format Help

Open Image Open PDF Scan OCR Mode Plain Text OCR Language Nepali (nep) OCR

TOOLS TEXT Kalimati 12 A+ A-

Recognition Wizard

Welcome to Recognition Wizard
This wizard helps recognize pictures from your scanner or computer and PDF files to your computer using Optical Character Recognition (OCR).

- Browse file to recognize**
Browse... D:\Devanagari Text Images\Nepali Text Images\nep_text\pi
- Select the lang**
Recognizing... (20%)
Nepali (nep) In progress, please wait...
- Select an outp**
Microsoft Word Plain Text
- Select output directory**
 Save in source directory Save in Browse... C:\Users\Dell\Desktop

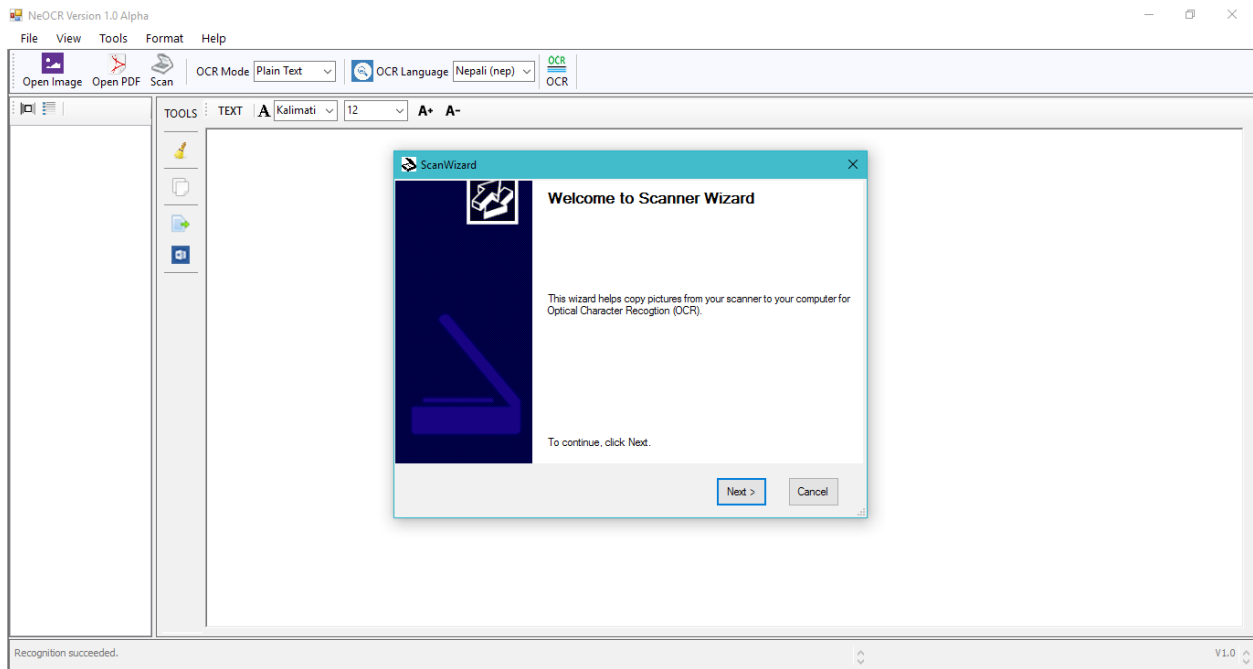
To continue, click Recognize. Recognize Close

Recognition succeeded.

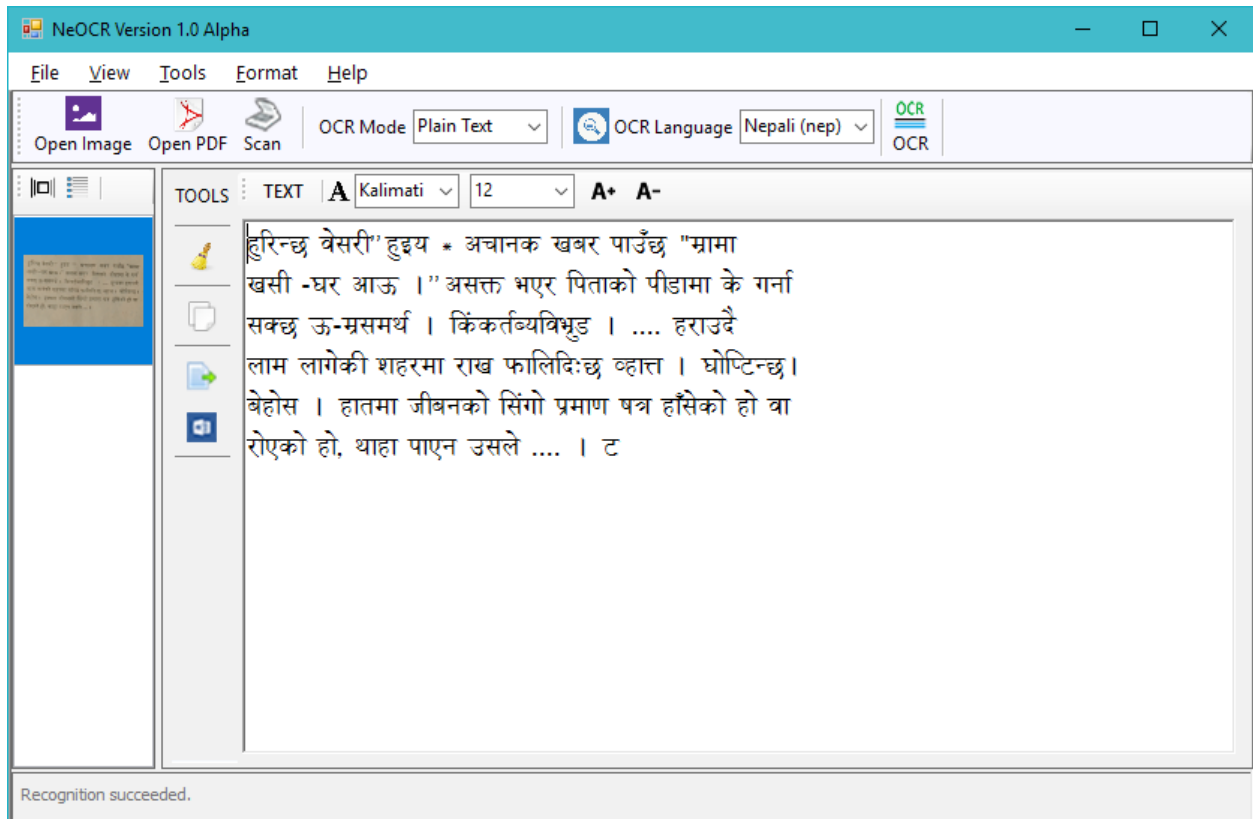
V1.0

ढीक एक महि
यियो ।
मैले उसको प्र
फेसबुकको भि
तर, मूल्यको प्र
किनकी मलाई
निर्धारण गर्न पा
उसले मेरा कुर
म यसको पक्ष
म उ सँग पवि
जसले हाम्रो सम्बन्धलाई ब्रेक लगाईदिएको छ । -आजकाल मेरो शहरमा यस्तै चलेको छ।
विभिन्न दिवस एकै दिन मनाउँ

Recognition with Scanner:



OCR Result



Recognized Text Options:

