



Parshvanath Charitable Trust's
A. P. SHAH INSTITUTE OF TECHNOLOGY, THANE
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Department of Information Technology



Handwriting Recognition

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1. Introduction

- Problem Identified :
 - It is often difficult to read students handwriting and understand what's written.
- Solution Proposed :
 - To convert handwritten characters to digitized text format.

2. Objectives

- 1.To achieve efficiency.
- 2.To recognize and convert the handwritten characters and numbers into digitized text characters.

3. Scope

- 1.Can be useful to Students and Teachers.
- 2.Can be used in Schools, Colleges, Offices.

4. Technology Stack

1.- Python

2.- Anaconda 3(Jupyter Notebook, Spider)

3.-PyTorch,VSCode,TensorFlow

5. References

1. M. Eden, "Handwriting and Pattern Recognition", *IRE Trans. Information Theory*, vol. 8, 1962.
2. Start, Follow, Read: End-to-End Full-Page Handwriting Recognition
ECCV 2018 • Curtis Wigington • Chris Tensmeyer • Brian Davis •
William Barrett • Brian Price • Scott Cohen

Thank You...!!