



PES Institute of Technology
(Autonomous Institute under VTU, Belgaum)
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SRN

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Name of Student

Santhosh DM

**Name of the
Project
Batch of 2018**

An OCR System for Printed Kannada Text

Phase

Individual Contribution

Feasibility

- Research about Image Processing
- Learning how OCR Works in the real world
- Making the presentation

Phase I

- Organising the characters and their fonts
- Made our personalised UNICODE Table which was the heart of our system.

Phase II

- Comparing results of Template Matching and CNN, finding accuracy
- Downloading new samples for future use
- Manual segmentation of samples

Phase III

- Extended the UNICODE Table for Kaagunithas
- Creation and Organisation of new dataset
- Testing the system with samples

Phase IV

- Report Design
- Collection of samples of different fonts and varying sizes
- Extended the UNICODE Table for Vattaksharas

Handwritten signature

Signature of Student