

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELGAUM-590002



PROJECT REPORT

On

“Using Linked Data to Annotate and Search Educational video Resources for Distance Learning and Research”

Sponsored by KSCST under 37th series, IISC Bangalore

**Submitted in the partial fulfillment of the project work prescribed by the
Visvesvaraya Technology University
Bachelor of Engineering**

In

Information Science and Engineering

By

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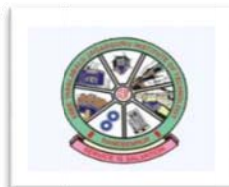
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ABSTRACT

This project aims to provide a semantic web based video search engine to help the students to access the education related videos soon, and can share, reuse the videos. Currently, we do not have scalable integration platforms to represent extracted features from videos, so that they could be indexed and searched. The task of indexing extracted features from videos is a difficult challenge, due to the diverse nature of the features and the temporal dimensions of videos. We present a semantic web based framework for automatic feature extraction, storage, indexing and retrieval of videos. Videos are represented as interconnected set of semantic resources.