

# TRIBHUVAN UNIVERSITY INSTITUTE OF SCIENCE AND TECHNOLOGY



## Final Year Project Proposal on **PDF To Slide Converter**

For the partial fulfillment of the requirements of the degree of  
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### **Submitted By:**

Ashraya Jung Sijapati (28426/078)  
TU Registration No. : (5-2-282-6-2021)  
Binaya Shrestha (28428/078)  
TU Registration No. : (5-2-282-8-2021)

### **ST. XAVIER'S COLLEGE**

Maitighar, Kathmandu, Nepal

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Institute of Science and Technology  
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# **1. Introduction**

In a world centered around digital and information technology, presentations have become a key technique in order to convey ideas, suggest changes and express thoughts regarding a topic. As a result of rapid increase in digital documentation, the PDF format for representing crucial professional information has flourished in recent years. In Spite of that, PDFs lack the quality of being presentation-friendly due to focus on reading instead of visual summarization.

One of the most widely used tools for communication in business and education sectors are presentation slides. From large scale to small scale, different organizations and academic institutions depend on platforms such as Microsoft PowerPoint or Google Slides for delivering messages to the audience in an effective manner. Nonetheless, creation of such presentations from available content in another form(such as PDF, report) can often be tiresome and time consuming.

Manual Slide Creation requires complex steps including reading, extracting, formatting, modifying content and designing. These activities consume a huge deal of time and energy to result in a clear and attractive presentation. This project is intended to reduce the burden of people by establishing an intelligent system to convert PDF documents into well structured presentation slides automatically in a short duration of time. The system will deliver a viable way to generate slides from texts present in PDF through machine learning methods like BERT'S Transformer Model.

