DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Code & Name	:	**20CS7503 & DESIGN PROJECT 3**
Year / Semester	:	**IV / VII**
Section	:	**A**
Batch Number	:	**19**
Title of the Project	:	**SMART PREP: AI POWERED SUMMARIZER AND TESTS**

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ABSTRACT

Reading large PDFs and DOCX files manually is time-consuming and often leads to missed information. Students, teachers, and professionals struggle to extract key points and generate study questions efficiently. This project presents an AI-powered Document Processing System that uses NLP to summarize documents and create both short- and long-answer questions automatically. With features like file upload, page- range selection, and export options, users receive accurate point-based or paragraph summaries quickly. The system boosts productivity, improves learning effectiveness, and provides a fast, user-friendly way to understand complex documents.

Keywords: AI Document Processing, NLP Summarization, Automatic Question Generation, PDF/DOCX Analysis, Short/Long Answer Questions, Educational Technology, Intelligent Summarization, File Upload System, Learning Efficiency, Automated Assessment Tools.