ARTIVERSE 2.0

Team Name	: Engineering Innovators
Theme	:Student Innovation
Title	: **AI-Powered Spam Filtering for Educational Content Creation**
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ABSTRACT

Our innovation is an AI-based spam filtering system tailored for an AI-powered video creation platform used to convert textbook content into interesting multimedia formats like video and music. Our platform aims to generate content relevant to education and syllabus requirements with alignment. We use natural language processing (NLP) techniques and machine learning models to find and eliminate their irrelevant or inappropriate content during the creation process. By using semantic analysis, our system makes the syllabus standard and aligned. where the dynamic keyword matching, contextual understanding, and sentiment analysis detect and filter the harmful inputs. By this we get high-quality, accurate, and syllabus material. We give a solution with real-time processing capabilities that offers instant feedback and validation while the content creation workflow. We built this with tools like TensorFlow, Spacy, and Hugging Face Transformers using Flask or FastAPI. The system guarantees scalability, reliability, and efficiency. Our idea makes spam-free and attractive learning

KEYWORDS:

1.NLP(Natural language processing)

2.Syllabus-based filtering

PROGRAMMING LANGUAGES & TOOLS:

1. HTML
2. Python
3. CSS
4. JavaScript