Team Name:		Digital Dream Team				
College Name and Address:		Moodlakatte Institute of Technology & Management Mudalkatte, Karnataka				
Theme of submission:(check mark the relevant box)		**Transformative Education** ☑		**Sustainable Industrialization** ☐		
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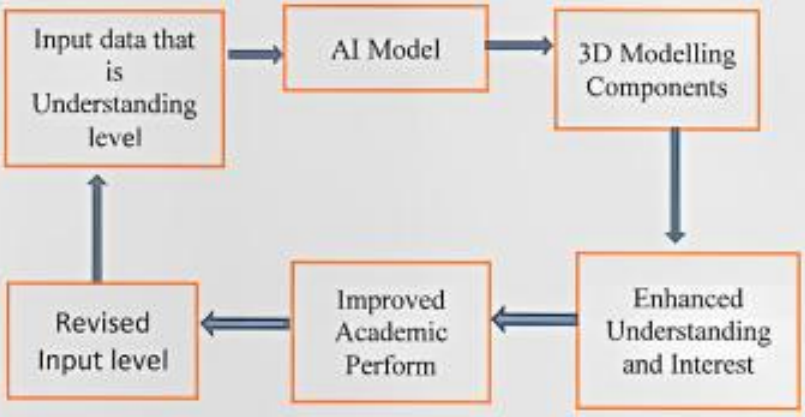
Project Title:		Exploring the Potential of Technology-Enabled Learning				
Abstract of the proposed project:(wordlimit300)		The struggle to understand complex concepts in subjects like math, coding, and science is a common challenge faced by students all around the world. As a result, many students lose interest in these subjects and struggle to achieve academic success. However, with the help of advanced technology, we can transform the way we teach and help students overcome these challenges. Introducing an AI model that customizes its approach to suit each student's unique learning needs can revolutionize the way we approach education. By analyzing each student's level of understanding and adapting its teaching methods accordingly, the AI model can provide a personalized learning experience that is tailored to each individual. To further enhance their learning, incorporating 3D models can help bring complex concepts to life and make them more interesting and engaging. By combining the power of an AI model and 3D models, we can make learning math, science, and coding not only accessible but also enjoyable. No longer will students have to struggle to keep up with the pace of traditional classroom learning, but rather they will be empowered to learn at their own pace and with greater ease.				
Detailed Methodology with proper diagrammatic representation:		• **Analyze the learning objectives**: The first step in developing an AI model and 3D models to enhance learning is to analyze the learning objectives of the subject. This involves understanding the concepts that students find difficult to understand and breaking them down into smaller, more manageable units. • **Develop an AI model:** Once the learning objectives have been identified, the next step is to develop an AI model that is customized to suit each student's unique learning needs. This involves gathering data on the student's learning style, pace, and areas of difficulty. The AI model should be designed to analyze this data and adapt its teaching methods accordingly.				

	• **Create 3D models:** In addition to the AI model, 3D models can be created to help students visualize complex concepts. This involves creating digital models that can be manipulated to show how the concepts work in real-life situations. The 3D models should be designed to be interactive and engaging, allowing students to explore the concepts in a more hands-on way. • **Incorporate AI and 3D models into learning materials:** Once the AI model and 3D models have been developed, they can be incorporated into learning materials. This could involve creating online courses or videos that students can access at their own pace. The learning materials should be designed to be interactive and Incorporate AI and 3D models into learning materials: engaging, allowing students to explore the concepts in a more hands-on way. • **Test and refine the approach**: As with any new approach to learning, it is important to test and refine the AI model and 3D models to ensure that they are effective. This could involve conducting surveys with students to gather feedback on the approach and using data analytics to monitor student progress. 
Software/hardware Required for the implementation:	AI Model: A software platform that can incorporate AI algorithms to analyze student data and customize learning approaches. Learning Management System (LMS): A software platform that can track student progress and provide feedback to students and teachers. 3D Modeling Software: A software platform that can create 3D models for interactive learning experiences Computer: A computer system capable of running the software platforms required for the implementation. Display Devices: Devices such as projectors, monitors, and interactive whiteboards to display the learning content and 3D models. Input Devices: Devices such as keyboards, mice, and touch screens enable students to interact with the learning content and 3D models.
Benefit to society from the project	Implementing this model for education with AI and 3D models can improve the quality of education, increase access, address learning disabilities, reduce costs, and bring innovative pedagogies to create a more knowledgeable, skilled, and inclusive society.

Signature of the team leader

Head of the Department

Signature of the HoD/ Principal

With seal

M.I.T. Kuppepura—576 217