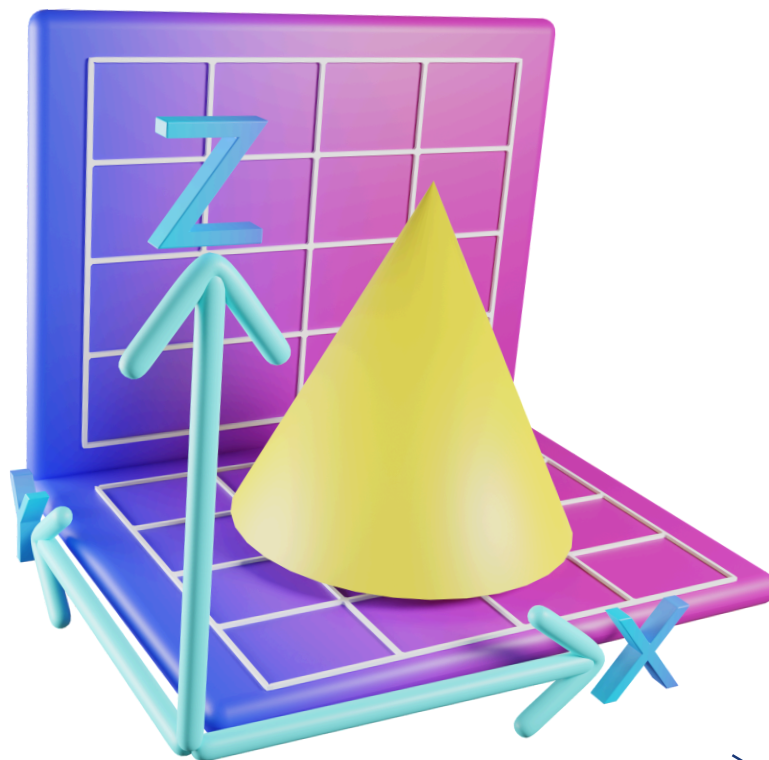
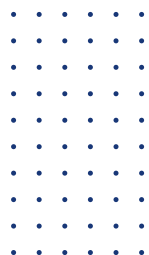


Certificate in 3D Basics Express



"Tired of just looking at 3D images? Let's create some of our own with a Certificate in 3D Basics Express!" Certificate in 3D Basics Express is a foundational course designed to introduce you to the world of 3D movies and computer-generated imagery (CGI). It covers the historical evolution of the industry, explores various career opportunities, and teaches the basics of 3D modeling software. The course also delves into the application of CGI in different fields, compares 2D and 3D animation, and introduces the popular software Blender. By the end of the course, students will have a solid foundation in 3D concepts and be equipped to start creating their own 3D models and animations.

Syllabus & Skills covered (60 hours)



- Learn about the development and impact of 3D movies and CGI.
- Understand the diverse career options in 3D modeling and animation.
- Learn how to use 3D modeling software to create simple 3D models.
- Apply learned techniques and use 3D software effectively..
- Grasp the concept and signature characteristics of CGI.
- Categorize and differentiate various applications of CGI.
- Distinguish between 2D and 3D animation processes.
- Make informed choices based on project requirements.
- Evaluate the advantages of 3D animation.
- Acquire knowledge about Blender software and its functionalities.
- Identify and apply multiple uses of Blender across different industries.
- Determine the necessary PC specifications for running Blender software.
- Gain familiarity with concepts in the 3D world and Blender software.
- Navigate the Blender software interface and demonstrate basic functionality.
- Develop basic modeling skills in Blender, including creating and editing objects in edit mode.
- Understand various types of modifiers and their applications in 3D Blender software.
- Effectively use the 3D viewport to streamline the modeling process in 3D Blender software.

Career Opportunities



- **Visual Effects (VFX) Artist**
- **Storyboard Artist Assistant**
- **Architectural Visualizer**
- **3D Printing Technician**

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