



KOLHAPUR INSTITUTE
OF TECHNOLOGY'S
**COLLEGE OF
ENGINEERING**
(AUTONOMOUS),
KOLHAPUR



BLEND FORCE

A BLENDER & FUSION 360 WORKSHOP



Entry fee : ₹ 150



Contact:

8080251331
9307409421

Date:

24th & 25th
Mar 2024

Scan to register



INVICTA

BLENDFORGE

(A Blender and Fusion360 Workshop)

Description:

Are you interested in diving into the world of 3D design? Whether you're a beginner or have some experience, this workshop is designed to introduce you to two powerful software tools: Blender and Fusion 360.

“Blender” is a versatile open-source 3D modeling, animation, and rendering software known for its robust feature set and active community. In this workshop, you'll learn the basics of navigating Blender's interface, creating 3D models from scratch, applying textures and materials, and rendering your creations into stunning visuals.

“Fusion 360” is a cloud-based 3D CAD, CAM, and CAE tool for product design and engineering. You'll explore the fundamentals of parametric modeling in Fusion 360, including sketching, extruding, lofting, and assembly design. Additionally, you'll learn how to generate tool paths for CNC machining and 3D printing.

Minimum requirements to attend the workshop:

- Laptop (i5 processor with 8GB RAM)
- Update your browser to the latest version (Chrome, Firefox, Brave)

Note: - Details of software installation will be provided after registration.

Outcomes:

- Gain a basic understanding of 3D design principles.
- Learn how to navigate and utilize Blender's interface and tools effectively.
- Create 3D models and scenes in Blender, from simple objects to more complex compositions.
- Understand the concepts of parametric modeling and assembly design in Fusion 360.
- Generate tool paths for CNC machining and 3D printing using Fusion 360.

Instructions:

1. **System Requirements:** Ensure that your laptops meet the minimum system requirements for running Blender and Fusion 360 smoothly. Refer to the official websites for detailed specifications.
2. **Bring Your Laptop:** Participants are required to bring their laptops with the software installed. Make sure your laptops are fully charged or bring chargers to avoid interruptions during the workshop.
3. **Basic Familiarity:** While prior experience in 3D design is not necessary, basic familiarity with computer operations will be helpful. We'll guide you through the software interfaces and tools during the workshop.
4. **Engage and Ask Questions:** Don't hesitate to ask questions and seek clarification during the sessions. The workshop is designed to be interactive, and our instructors are here to help you every step of the way.
5. **Practice and Experiment:** Take advantage of the hands-on exercises and design challenges to practice what you've learned. Feel free to experiment with different techniques and approaches to unleash your creativity.

