

Devi Ahilya Vishwavidyalya , Indore

Department of Lifelong Learning

Certificate in 3D Modeling Furniture		
Code: LE 117	Credit: 3	
Objective: 1. Practical implications of interior designing. To raise better understanding of space usage. 2. To give basic understanding of furniture making using different themes.	Duration: 30 Hours	Date:
Syllabus: <ul style="list-style-type: none">• Introduction to 3 D Modeling- Wireframe, boundry representation, and constructive solid modeling.• Creating Isometric view.• Construction Transforming and viewing in 3D: Array 3D, Rotate 3D, Mirror 3D, D view and V point, Perspective Projection.• Creating 3D models using multiple uses.• Defining light sources and creating scenes.• Generating scenes Photo realistic images using rendering and shading.• Image handling and Drawing exchange formats.• Advanced Modeling Extension: revolve, extrude etc. CGS Boolean Operations: Union, Subtract, Intersections etc.• Introduction to Auto CAD designer.• Evaluation.		
Program Outcomes: Better understanding of space lay out and designing interiors for different places. Students learned basic furniture making.		
Reference Book:		