Abstract

The work presents a parametric CAD tool to offers the possibility to create the Indian traditional rangoli design patterns with the use of computer applications. To invent automation in rangoli design, this work approach towards parameterization of the rangoli design patterns belonging to Indian culture. The rangoli designs can be drawn with the application of CAD tool and further made with robotic machines. This idea plays a vital role to preserve the culture heritage. The CAD tool provides flexibility to draw the design according to available size/space. It provides inbuilt library for rangoli design of different area.

Index Terms

Computer Science Information Sciences

Keywords

Computer Supported Design Digital Design Parametric Design Design Automation Rangoli