

Thinking in Code: First-Year Towers from Ain Shams University

First-year architecture students at Ain Shams University utilized Grasshopper to design and fabricate parametric towers, learning to think like system designers from day one. The course emphasized algorithmic logic, data structures, and generative workflows to build not just models, but design intelligence.

Twister: A Parametric Approach to Floral Design

Twister by Berfin Erdogan is a parametrically designed flower pot that merges organic forms with computational precision. Inspired by natural spiral patterns, the design features a twisting wave texture on top and a Voronoi base that enhances airflow and structural stability. Created using Rhino and Grasshopper, Twister exemplifies how parametric design tools can combine aesthetic fluidity with functional efficiency, offering customizable and sustainable design solutions.