

Infinite Cakes and Shapes: Crafting Culinary Masterpieces in the Digital Era

Cheshta Jindal¹ and Rakesh Kumar Chaudhary²

Bachelors of Fine Arts¹

Assistant Professor (Applied Arts)²

Amity University, Gurugram, India

cheshta.jindal@s.amity.edu and rkchaudhary@ggn.amity.edu

Abstract: *The rise of computers and the internet has changed the way people cook and now there are a lot of ways to customize food. "Infinite Cakes and Shapes" looks at how technology has changed how we think about, make, and eat food. This abstract gives you a taste of the main ideas and results of the full study. This study looks into the new area of 3D printing used in cooking, where cooks and food lovers are pushing the limits of what is possible in terms of creativity and customization. Digitally designing and printing food items gives people a level of customization that has never been seen before. They can make meals that fit their specific tastes, dietary needs, or even artistic expressions. The options are almost endless, from complicated cake designs to cutting-edge pasta shapes. The study looks at more than just the creative parts. It also looks at how this digital change has affected cooking traditions, the environment, and the availability of food. As 3D printing gets easier for more people to use, it becomes more likely that we can cut down on food waste and solve problems with world food security. This study also shows the problems and moral issues that come up in a world where food is changing so quickly.*

Keywords: 3D Printing, Customized Food, Culinary Technology, Food Innovation, Culinary Creativity.

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