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| **Course Code & Name: GED1102 Engineering Design** | **Academic Year: 2023- 24** |
| **Course Offered By: Divya Vijay, AP/EEE** | **Maximum Marks:** |

**Project Report – Activity 1**

**“PIZZA SAVER”**

By

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**Project Activity III : Concept Generation**

1. Perform Brainstorming or 6-3-5 method among peers to generate concepts for your problem or sub-problems and show them.
2. **Magnetic Pizza Saver: Embed magnets in the pizza box and provide a magnet plate on top to prevent the slices from sliding during delivery.**
3. **Adjustable slice separator: design a cardboard insert with perforations, allowing customers to customize the size of each slice compartment based on their preferred portion.**
4. **Heat - Refractive Coating: Apply a special coating to the pizza saver that reflects heat, keeping the pizza warmer for a longer time, especially during delivery.**
5. **Foldable Pizza Saver: Create a foldable triangular pizza saver that can be easily stored and reused, reducing waste and providing added convenience.**
6. **QR Code Entertainment: Integrate a QR code on the pizza saver that leads to exclusive online content, discounts, or games to enhance the customer experience.**
7. **Eco-Friendly Herb Garden: Develop a pizza saver with embedded herb seeds, encouraging customers to plant and grow their own herbs, promoting sustainability.**
8. **Temperature Indicator: Incorporate a simple color-changing indicator on the pizza saver to inform customers if the pizza is still at an optional temperature upon arrival.**
9. **Stackable Design: Design pizza savers with interlocking edges, allowing multiple boxes to be stacked securely, simplifying transportation for delivery drivers.**
10. **Smartphone Stand: Create a pizza saver with a built-in stand that holds smartphones, allowing customers to enjoy a hands-free dining experience while watching videos or making video calls.**

**10.Aromatherapy Infusion: Infuse the pizza saver with a subtle, food-safe aroma to enhance the overall sensory experience when opening the pizza box.**