Ideation Orientation for Sensor based candle	
Date: 27/05/2025	**Venue: RVIM, Bangalore.**
Time: 9.30 pm to 10.30 pm	**Resource Person: Dr. Basavaraj and Dr. Nagma, RV Skills**
No. of Participants: 150	**Event Coordinators: Dr. Rashmi Shetty, Dr. Uma Sharma**

Introduction

As part of the innovation and entrepreneurship learning initiative, students participated in an ideation activity focused on developing innovative solutions to everyday challenges. One of the notable ideas generated during the session was a **Sensor-Based Smart Candle**, designed to enhance safety, convenience, and energy efficiency.

Concept Overview

The proposed Smart Candle is equipped with motion and light sensors that enable it to switch on and off automatically based on the surrounding environment. Unlike traditional candles, the smart candle uses LED technology to provide a realistic candlelight effect while eliminating the risks associated with open flames.

The candle automatically illuminates when it detects movement in a dark environment and switches off when no activity is detected for a specified period. This makes it suitable for homes, religious places, restaurants, events, and emergency lighting situations.

Benefits

The idea addresses common concerns associated with conventional candles, such as fire hazards, wax wastage, and the need for manual operation. The smart candle provides a safer, reusable, and sustainable lighting solution while offering users convenience and aesthetic appeal.

Conclusion

The Sensor-Based Smart Candle emerged as an innovative concept that combines technology, safety, and sustainability. The ideation activity encouraged students to think creatively and develop solutions with real-world applications, reinforcing the importance of innovation and entrepreneurship in addressing contemporary consumer needs.

