



**Design Thinking Centre**  
**2<sup>nd</sup> Design Thinking Project Contest – 24.04.2024**  
**Department of < Electronics and Communication Engineering >**  
**SMART SHOPPING CART**

**OBJECTIVE**

Automating shopping with OLED display interface, RFID and line-following cart technology and robotic arm.

**EMPATHIZE**

Revolutionizing shopping with convenience and efficiency through innovative technology integration.

**IDEATE**

Transforming the shopping journey with seamless integration of OLED, RFID, autonomous cart and robotic arm technology.

**PROTOTYPE**

Enhancing shopping with intuitive OLED input, RFID-Line follower cart and Robotic Arm.



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