KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
NAMAKKAL- TRICHY MAIN ROAD, THOTTIAM, TRICHY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
PROJECT WORK

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YEAR IV

BATCH NO 03

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PROJECT GUIDE: Dr. V. BHARATHI, AP/ ECE

TITLE OF THE PROJECT: RF BASED MATERIAL TRANSPORTATION VEHICLE WITH OBSTACLE AND FIRE DETECTION.

ABSTRACT:

The industrial automation vehicle control system is designed for efficiently transporting products from one location to another using RF (Radio Frequency) technology. The system incorporates advanced features such as fire detection and obstacle detection to enhance safety and prevent potential hazards. In the event of a fire, the system is equipped to detect it promptly, triggering both visual and audio alerts to notify operators and ensure a rapid response. The obstacle detection technology enables the vehicle to navigate around obstacles, optimizing the transportation process. This integrated approach ensures a seamless and secure transfer of products within industrial environments, promoting efficiency and safety through real-time monitoring and alerts.

PROJECT GUIDE **HOD**