**DOMAIN** – DEEP LEARNING

**TITLE** – COOL DRINKS INVENTORY MANAGEMENT

**ABSTRACT**

An Inventory Management System (or inventory system) is the process by which you track your goods throughout your entire supply chain, from purchasing to production to end sales. It governs how you approach inventory management for your business. The main purpose of Inventory Management is to store a certain number of physical resources for a company or enterprise, which can then be transformed into profits via effective product sale or other operations. Deep learning is used to minimise the factors affecting Inventory Management is a growing trend in many of today’s industries. Using it to improve stock tracking accuracy, optimise inventory storage, and offer transparent supply chain communications are just some of the many ways businesses can take advantage of this new technology. This optimises the performance of tracking technology in Inventory Management and offers more accurate data to assist in planning for the future. A major requirement for small/medium-sized businesses is Inventory Management since a lot of money and skilled labour has to be invested to do so. E-commerce giants use Deep Learning models to maintain their inventory based on demand for a particular item. The Deep Inventory Management System explains how retailers identify their items and track all available items within the store. For this, we came up with an element i.e., Cool Drinks and it works so simple. By using mobile phones, the merchant tries to scan the items and as soon as they scan, it detects the type of item and enumerates all similar items and updates them to the inventory system. The idea behind this project is for everybody to use this inventory system in their workshops.

Roll Nos: 19BD1A05AN, 19BD1A05AV, 19BD1A05B6, 19BD1A05BG

Names: S. Mudassir, G. Sowmya, K. Satvik, M. Swetha

Section: CSE – F

Contact Numbers: 9542599494,9182715130, 9100745357, 9100178978

Guide Name: G. Suresh