

## **AN IMPROVED POINT OF SALE WITH AUTOMATIC REORDER MECHANISM AND GENERATION OF BUSINESS REPORT USING DATA MINING**

Dr.D.Jayashree<sup>1</sup>, P.Haripriya<sup>2</sup>, S.Ishwarya<sup>3</sup>, S.Ezhilarasi<sup>4</sup>

<sup>1</sup>Professor, Department of Computer Science and Engineering, Rajalakshmi Institute Of Technology, Chennai

<sup>2,3,4</sup> Student, Department of Computer Science and Engineering, Rajalakshmi Institute Of Technology, Chennai

Today with the advancement in technologies the choice of business owners is towards a scalable, easy to use and secure system that gives full control over the business operation. A Point of Sale (POS) is a business application for a retail business to effectively manage the inventory, procurement and sales functions. In this proposed system, in addition to the existing common POS functionalities, an auto source triggering of goods is used to procure the fast moving consumer goods when the on-hand quantity of the product reaches the reorder point for efficient business operations. This benefits the business by reducing procurement lead time. Since all the business transactions are captured in the centralized database, it will be used to build business intelligence report like top selling products of the month, profit making product etc. Payment to supplier and receipt from the customer (financial transactions) is handled outside the proposed solution.

