

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,
BELGAUM- 590014**



A Project Report

On

**OBJECT IDENTIFIER USING
PASSIVE RFID TECHNOLOGY**

(Approved and sponsored by KSCST)

Submitted in partial fulfillment of the requirement for the degree of

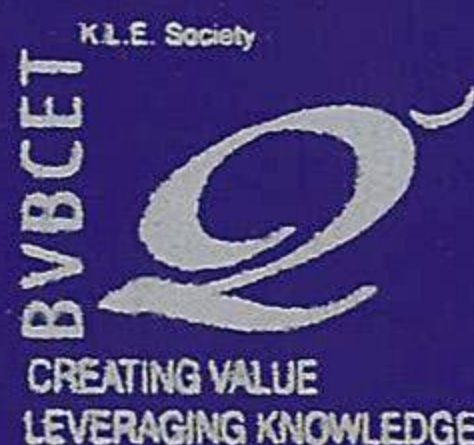
Bachelor of Engineering in

Electronics and Communication Engineering

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Abstract

A handy device called "Object Identifier" that assists its users in finding misplaced household and personal objects in a home or surrounding locality is built using RFID technology. It is so common that every human being misplaces things like box of emergency medicines, keys, iron box, wallet, remote etc. A solution for the above problem is implemented using RFID technology. Objects of user interest are attached with Passive RFID tags. A handy device consisting of controller, RFID receiver, a display with interface is used as detector. In this system features like addition and deletion of objects are provided with retaining same cost. Due to these reasons this system is more user friendly than earlier systems. The device improves search time and reduces unnecessary irritation.