VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM – 590014

K.L.E. SOCIETY'S
B.V.Bhoomaraddi College of Engineering & Technology,
Hubli – 580031

K.L.E. Society
BVBCET
CREATING VALUE
LEVERAGING KNOWLEDGE

Department of
ELECTRONICS AND COMMUNICATION ENGINEERING
Project report on

"BIKE IGNITION USING RFID"

Under the guidance of

Prof. SAROJA V. SIDDAMAL

Submitted by:

Abhijeet	**2BV05EC002**
Akshay desai	**2BV04EC104**
Shirishgouda Patil	**2BV05EC064**

SPONSORED BY KSCST

ABSTRACT

Technology generally is a term; we tend to associate only with comfort and fantasy. We tend to forget the important hand it has played in securing our lives and possessions. Every new invention has a threshold time for which it stands tall. In the present day world, technology gets obsolete within the span of a day. One technology which has the promise to stay on despite the stiff competition is RFID (Radio frequency identification). RFID breaks new barriers in the field of security. The other advantage with RFID technology is that it has a wide spectrum of applications. That's not all; the spheres where this technology can be used are proliferating by the day.

We are making use of this technology to secure the ignition of a bike. Most bikes are vulnerable to being stolen. Mechanical keys have become obsolete. They can be duplicated very easily. This is where an RFID tag can lend great security since it is virtually impossible to make a replica of a RFID tag.

What do we mean by RFID? RFID is the short form for "radio frequency identification". This means that radio technology is used as a means of identifying objects. Radio technology was first used as early as world war two by the British to identify their planes from those of Germans.

With this brief information let's look into the technical aspects of this simple technology but one with exorbitant potential.