

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
Belgaum-590 010



A PROJECT REPORT ON
SMART BUS

Submitted in partial fulfillment of the requirement for the award of the degree of

Bachelor of Engineering
In
ELECTRONICS AND COMMUNICATIONS

By

Raghavendra G M

(4NM05EC078)

Sujaya

(4NM04EC115)

Rahul M

(4NM05EC079)

Vivek

(4NM04EC128)

Under The Guidance Of

Mr. Sukesh Rao M
Lecturer

Dept. of Electronics and Communication Engineering
NMAM Institute of Technology, Nitte-574110

ABSTRACT

Smart bus is a step towards building a complete automated futuristic bus providing user a high class travelling experience. It is a microcontroller based system, which offers entry only for authorized passengers. Our view of an authorized passenger is one who holds a card which is authorized by a company or an organization. If the card is valid, the doors are opened automatically and the passenger is let in. The bus also displays the number of seats available/vacant inside the bus. Depending on this the user can decide whether to board the bus or not. The approaching destinations are automatically displayed inside the bus using GPS technology.