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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI-

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A MICRO PROJECT REPORT ON
“Use of radio frequency identification devices to assist blind people”

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CERTIFICATE

This is to certify that the Micro-Project entitled "Use of radio frequency identification devices to assist blind people" has been Successfully Completed by

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The bonafide students of Department of Basic Sciences, Alva's Institute of Engineering and Technology, affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI, during the academic year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The report has been approved as it satisfies the academic requirements in respect of Micro-Project work prescribed for Bachelor of Engineering.


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ABSTRACT

In our future world of pervasive computing, where information is all around us, a location and tracking system becomes critical. One of the most important pieces of information for emerging and future applications is location. Since the public use of GPS satellites is permitted, a variety of cutting-edge equipment, such as a car navigator and a mobile phone, have become a part of our daily lives. Location phone with built-in GPS receiver, on the other hand. There is still a scarcity of knowledge about interior surroundings. Using a radio signal triangulation, a radio signal (beacon) emitter, or signal fingerprinting, several ways for obtaining position information in buildings have been proposed. RFID tags are a novel means of providing consumers with location information