

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**“Jnana Sangama” Belagavi – 590 010**



**PROJECT REPORT ON**

**“SMART MEDICINE REMINDER”**

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

**BACHELOR OF ENGINEERING  
IN  
ELECTRONICS & COMMUNICATION ENGINEERING**

**Submitted By**

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**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY**

**MOODBIDRI – 574 225.**

**2018-2019**

# ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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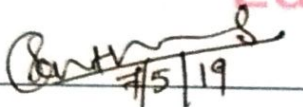
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

## CERTIFICATE

Certified that the project work entitled "SMART MEDICINE REMINDER" is a bona fide work carried out by

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in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS & COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2018-2019. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

  
7/5/19

Signature of the Guide

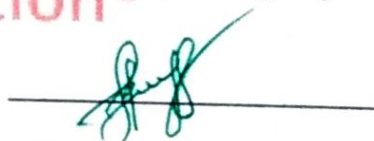
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Signature of the Principal

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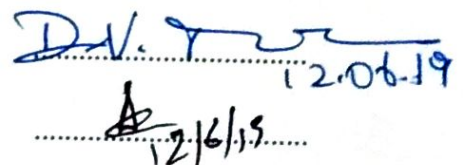
Alva's Institute of Engg. & Technology,  
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Signature with date

  
12/06/19  
12/6/19

## ABSTRACT

Management of medication is very important for acute illness and long term conditions. People start getting prone to diseases once they are aged and they even get confused because of complex medication schedule. So there is a need to design an appropriate product that reminds about their medicine dosages. In aged people, due to physical and mental function decline, they need to take number of drugs. In such scenario, management of complex medication is required for avoiding before it seriously affects health. There are several products designed for solving this problem, such as electronic medication reminder device, smart phone reminder applications and many more. However, it is not possible for all elderly people to make use of those devices as they were difficult to understand.

The proposed system will not only help aged people for medication reminder but also helps person who is suffering from alzheimer disease. Proposed system is combination of smart watch and pillbox which will help user to manage complex medication regimes. Patients need not remember their medicine dosage timings as they can set an alarm on their medicine dosage timings. An indicator is placed in pillbox which blinks at particular time to take medicine. The alarm can be set for multiple medicines including time and medicine description.