

VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
"JNANA SANGAMA", BELGAVI-590018 KARNATAKA



Mini Project Report (18ECMP68)

ON

**"MILITARY SECURITY ROBOT"**

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

BACHELOR OF ENGINEERING

IN

ELECTRONICS & COMMUNICATION ENGINEERING

Submitted by:

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SANIYA FATHIMA (USN: 1SV19EC027)

Under the Guidance of:

Prof. PRADEEP KUMAR .S.S

Assistant Professor, Dept. of ECE, SIET

Tumkur



SHRIDEVI  
EDUCATION

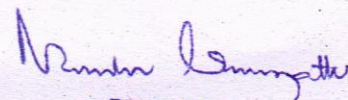
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Sira Road, Tumkur-572106

2021-2022



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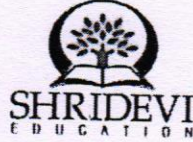


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## Certificate

This is to Certified that the Mini Project work (18ECMP68) entitled "MILITARY SECURITY ROBOT" has been Successfully carried out by ARBIYA SULTANA (USN: 1SV19EC003) , SANIYA FATHIMA (USN: 1SV19EC027), the bonafide students of Shridevi Institute of Engineering and Technology, Tumkur- 572106, in partial fulfilment for the award of Bachelor Of Engineering in Electronics & Communication Engineering of the Visvesvaraya Technological University, Jnana Sangama , Belagavi -590018, during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessments have been incorporated in the report. The Mini Project report has been approved as it satisfies the academic requirement with respect to the Mini Project work prescribed for the said Bachelor of Engineering degree.

*Prof. Pradeep Kumar S S*  
27/07/22

Signature of the guide  
**Prof. Pradeep Kumar S S**  
Assistant professor  
Dept. of ECE, SIET  
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*Prof. Aijaz Ahamed Sharief*  
27/7/2022

Signature of the HOD  
**Prof. Aijaz Ahamed Sharief**  
HOD  
Dept. of ECE., SIET  
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*Dr. Narendra Viswanath*

Signature of the principal  
**Dr. Narendra Viswanath**  
Principal  
SIET, Tumkur

### EXTERNAL VIVA

Name of examiners:

1.....*Raghavendra D*

2.....*[Signature]*  
28/07/2022

Signature with date:

*[Signature]*  
28/07/2022

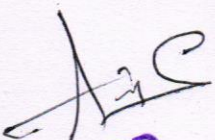
*Dr. Narendra Viswanath*

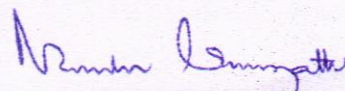
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**ABSTRACT**

The aim of this project is to increase the safety, because by using this robot we can know their activities by keeping some safe distance from the enemy, the flexibility of attacking will be increased because we can know their activities. This robot can be used in the places, where the entry of humans is restricted. So, by using this robot we can easily able to know the current situation of that place. This is remotely controlled and operated through wi-fi module. The robot can be moved in all the directions utilizing the remote. The robot framework is additionally utilized for smoke and fire detection. The controlling gadget of the entire framework is in Arduino.

  
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