

“LUmASS”

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A project report

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Submitted by

PROJECT ASSOCIATES

1. PRANAV U
2. MALLIKARJUN K YELAGI
3. RAJSHEKHAR S GHODAGERI

USN NUMBERS

- 1SB06EE058
1SB07EE404
1SB06EE402

**Under the guidance of,
Mr. S Sudheer,
Lecturer, EEE Dept, SSEC**

**SHIRDI SAI ENGINEERING COLLEGE
SAI LEO NAGAR, SAMANDUR POST, ANEKAL, BANGALORE-562106
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
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ABSTRACT:

LUmASS is commercial cum defense unit aimed at aerial surveillance. The project incorporates a wireless spy camera for the visual surveillance, a drop mechanism (disaster management kit) for scenarios like crowd management, accidents and disasters like floods, earthquakes etc.

Its customizability enables it to be available at low cost. Thus it can easily be designed even for search and rescue operations in cases where the locations are virtually inaccessible on foot or by water, making it economically viable and highly efficient method for such scenarios.

The best feature of LUmASS is that it can be controlled from a remote area. Thus even in perilous conditions like floods, earthquakes, major fire breakouts there is little or no threat to the rescue teams.