

**TRIBHUVAN UNIVERSITY**

**INSTITUTE OF ENGINEERING**

**THAPATHALI CAMPUS**

**A Proposal On**

**Artificially Intelligent Humanoid Robot**

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A PROPOSAL

SUBMITTED TO TECHNICAL COMMITTEE, FREE STUDENTS UNION FOR PROVISION OF FUND FOR ABOVE MENTIONED PROJECT

FREE STUDENTS UNION

THAPATHALI CAMPUS

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# ABSTRACT

With the recent release of humanoid robot like Sophia by Hansen robotics the humanoid robots have become the buzzword in the current tech-circle. T

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# LIST OF FIGURES

# LIST OF ABBREVATIONS

|  |  |
| --- | --- |
| AC | Alternating Current |
| ADC | Analog to Digital Converter |
| API | Application Programming Interface |
| BCM | Broadcom |
| CMOS | Complementary Metallic Oxide Semiconductor |
| CMS | Center Monitoring System |
| CSS | Cascading Style Sheets |
| DHCP | Dynamic Host Control Protocol |
| et al. | And Others |
| FTP | File Transfer Protocol |
| FTPS | File Transfer Protocol Secure |
| GIS | Geographic Information System |
| GPIO | General Purpose Input Output |
| GPRS | General Packet Radio Service |
| GPS | Global Positioning System |
| GPU | Graphics Processor Unit |
| GUI | Graphical User Interface |
| HDMI | High Definition Media Interface |
| HTTP | Hypertext Transfer Protocol |
| HTML | Hypertext Markup Language |
| IDLE | Integrated Development Environment |
| IP | Internet Protocol |
| IOT | Internet Of Things |
| ISP | Internet Service Provider |
| ISR | Interrupt Service Routine |
| IT | Information Technology |

# INTRODUCTION

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## Background Introduction

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## Objectives

* Objective here.
* Objective here.

## Scope of Project

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# LITERATURE REVIEW

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## Sub-heading 1

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## Sub-heading 2

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# METHODOLOGY

## System Block Diagram

Figure 3‑1 system block diagram

## Description of Working Principle

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## Instrumentation

### Hardware Requirements

1. Hardware requirement
2. Hardware requirement
3. Hardware requirement

### Software Requirements

1. Software requirements
2. Software requirements
3. Software requirements

# EXPECTED OUTCOME

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# PROJECT APPLICATION

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# PROJECT SCHEDULE

Figure 6‑2 Gantt chart

# COST ESTIMATION

# REFERENCE