



**FINAL YEAR PROJECT REPORT**

**BUMBLEE BEE PE ROBOT**

**In fulfillment of the requirement  
For degree of  
BS (COMPUTER SCIENCES)**

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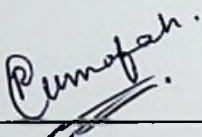
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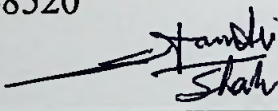
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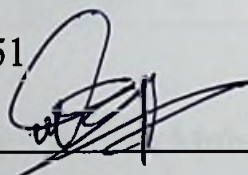
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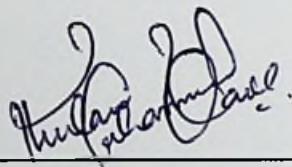
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## BUMBLEE BEE PE ROBOT

### ABSTRACT

Robotics is an industry or a field that is emerging all over the globe. One of the most fascinating areas in robotics is humanoid robots. These robots are well sophisticated robots that perform tasks similar to humans and interact with them. The crucial and most important phase in the development of a humanoid robot is to design it in an effective way.

This report elaborates and addresses the design and development of a humanoid robot. In this project a humanoid project is to be developed which will encourage unfit people especially children to engage in some physical exercises and to reduce the harmful effects of mobile phones on them. This report details the process in which the robot was designed, assembled and programmed, and tested. It is like a dream for robot developers to develop a robot which not only looks like a human but also acts like one. Further developments can be carried in a humanoid robot by attaching various motors and sensors to it which will increase the degree of automaticity. Also, artificial intelligence can be integrated to it so that it can make decisions on its own just like humans.

## TABLE OF CONTENTS

	<b>DECLARATION</b>	<b>ii</b>
	<b>APPROVAL FOR SUBMISSION</b>	<b>iii</b>
	<b>ACKNOWLEDGEMENTS</b>	<b>vi</b>
	<b>ABSTRACT</b>	<b>vii</b>
	<b>TABLE OF CONTENTS</b>	<b>viii</b>
	<b>LIST OF TABLES</b>	<b>xiv</b>
	<b>LIST OF CHARTS</b>	<b>xv</b>
	<b>LIST OF FIGURES</b>	<b>xvi</b>
<b>CHAPTER</b>		
<b>1</b>	<b>INTRODUCTION</b>	<b>1</b>
	1.1 Background	1
	1.2 Motivation	2
	1.3 Problem Statement	5
	1.4 Aims and Objectives	5
	1.5 Scope of the Project	6
	1.6 Outcomes	6
	1.6.1 Outputs	6
	1.6.2 Final Deliverable	7
	1.7 Organization of Project	7
	1.7.1 Chapter 1: Introduction	7
	1.7.2 Chapter 2: Literature Review	8

1.7.3	Chapter 3: Methodology	8
1.7.4	Chapter 4: Design	9
1.7.5	Chapter 5: Implementation	9
1.7.6	Chapter 6: Testing & Evaluation	10
1.7.7	Chapter 7: Results	10
1.7.8	Chapter 8: Conclusion & Recommendations	10
<b>2</b>	<b>LITERATURE REVIEW</b>	<b>11</b>
2.1	Introduction	11
2.2	Need oh Humanoid Robot	11
2.3	Related & Existing Robots/works	13
2.3.1	Taizo Humanoid Robot	14
2.3.2	Xuan Humanoid Robot	16
2.3.3	Kengoro Humanoid Robot	17
2.4	Need of Bumble Bee Robot	20
<b>3</b>	<b>METHODOLOGY</b>	<b>22</b>
3.1	Introduction	22
3.2	Approach to Research	23
3.2.1	Data Gathering Techniques	23
3.2.2	Outcomes of Research	24
3.3.2.1	Limitations	24
3.3.2.2	Tools/languages/technologies used	25
3.3.2.3	Considerations	25
3.3	Approach for Project	26
3.3.1	Project Development Framework	28
3.3.2	Project Methodology Framework Diagram	29

	3.3.3 Project Schedule	30
	3.3.3.1 Key Milestones	30
	3.3.3.2 Project Gantt Chart	31
	3.3.4 Project User Case Diagram	33
	3.3.5 Project Flow Chart	34
<b>4</b>	<b>DESIGN</b>	<b>35</b>
	4.1 Introduction	35
	4.2 Hardware Design	35
	4.2.1 Body Structure	36
	4.2.2 Components	38
	4.2.2.1 Raspberry pi	38
	4.2.2.1.1 Feature Table	40
	4.2.2.1.2 Application/Uses	41
	4.2.2.2 Arduino Mega 2560	41
	4.2.2.2.1 Feature Table	43
	4.2.2.2.2 Application/Uses	44
	4.2.2.2.3 Advantages.	44
	4.2.2.3 Jumper Wire	45
	4.2.2.3.1 Types	46
	4.2.2.4 Body Kit	47
	4.2.2.4.1 Parts Used	48
	4.2.2.4.2 Degree of Freedom (DOF)	49
	4.2.2.4.3 Features	50
	4.2.2.5 Lipo 2s 5200Mah, 7.4v battery	50



	4.2.2.5.1 Features	52
	4.2.2.5.2 Advantages	53
	4.2.2.6 Mic SF-922B	53
	4.2.2.6.1 Specifications	55
	4.2.2.6.2 Features	56
	4.2.2.7 Mini portable stereo Speaker 3.5	56
	4.2.2.7.1 Specifications	58
	4.2.2.8 MG996R Servo motor	59
	4.2.2.8.1 Wire Configuration	60
	4.2.2.8.2 Application	61
	4.2.2.8.3 Advantages	61
4.3	Software Design	62
	4.3.1 Types of Software Design	62
	4.3.1.1 Interface Design	63
	4.3.1.2 Architectural Design	63
	4.3.1.3 Detailed Design	64
	4.3.2 Software Designing of Bumble Bee	65
	4.3.3 Tools/languages/technologies Used	66
	4.3.4 Programming Logics	66
<b>5</b>	<b>IMPLEMENTATION</b>	<b>69</b>
	5.1 Introduction	69
	5.2 Hardware Implementation	70
	5.2.1 Body Assembling	70
	5.2.1.1 Body Parts to be used	70
	5.2.1.2 Parts Assembling	71

5.2.2	Arduino and Raspberry pi Serial Communication Architecture	81
5.2.3	Circuit Diagram	83
5.3	Software Implementation	84
<b>6</b>	<b>TESTING AND EVALUATION</b>	<b>85</b>
6.1	Introduction	85
6.2	Tesing and evaluation	85
6.2.1	Hardware Testing	86
6.2.1.1	Servo Motor Testing	86
6.2.1.1.1	Technique Used	88
6.2.1.1.2	Correction	88
6.2.1.2	Circuit Testing	89
6.2.1.2.1	Technique Used	89
6.2.1.2.2	Correction	90
6.2.1.3	Battery Testing	91
6.2.1.3.1	Technique Used	91
6.2.1.3.2	Calculation	92
6.2.2	Software Testing	93
6.2.2.1	Unit Testing	94
6.2.2.1.1	Technique Used	94
6.2.2.1.2	Correction	95
6.2.2.2	System Testing	96
6.2.2.2.1	Technique Used	96
6.2.2.3	Acceptance Testing	97
6.2.2.3.1	Technique Used	97
6.2.2.4	Overall Testing	98
6.2.2.4.1	Performance Testing	98

	6.2.2.4.1.1 Technique Used	98
	6.2.2.4.1.1 Corrections	99
<b>7</b>	<b>RESULTS</b>	<b>100</b>
7.1	Introduction	100
7.2	Pictures of Bumble Bee P.E Robot	100
<b>8</b>	<b>CONCLUSION AND RECOMMENDATIONS</b>	<b>104</b>
8.1	Introduction	104
8.2	Significance of the project	104
8.3	Limitations of the project	106
8.4	Benefits of the project	107
8.4	Future Scope and Direction	108
<b>9</b>	<b>REFERENCES</b>	<b>109</b>