

Design of a Six-legged Walking Robot

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ABSTRACT

This project report will covers an overall description of the project. This includes mechanical as well as the electronics part of the project. The title of the project is “Design of A Six-legged Walking Robot”. The project itself demonstrates the principles of mechanics as well as artificial intelligence to a certain extent.

This report consists of 3 main part; introduction, body and conclusion. The introduction will give readers a general idea on the project. The body contains detailed descriptions on the concepts and how the project actually works. This includes mechanics and electronics. A detailed elaboration on the construction of the project is also included. Then we will have a look into the results and project analysis. Appropriate diagrams and circuit layout are included for better understanding. Finally, we have the conclusion as the summarization on the whole report. This is then followed by references and appendices for further studies for those who are interested to know more about this project.