SCHOOL OF ENGINEERING
FINAL REPORT
PROJECT TITLE : DESIGN OF ROBOTIC SNAKE

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Abstract

Translation from biological life forms to robots to produce mechanism of locomotion can be very interesting and challenging. Specific to this project report, it describes the study, design and construction of a biological robotic snake. Upon researching the locomotion of the living snake, it formed the basis for the translation from biological to robotic snake to perform mechanism movement along the selected path. By adding together with the sensory abilities, the robotic snake can interact with its environment and finally allows the robotic snake to avoid hazards successfully. As for the project results, all the facts that mentioned above have governed the successful execution of this project.