



SCHOOL OF ENGINEERING

DESIGN OF ROBOTIC EEL

PROJECT FINAL REPORT

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ABSTRACT

The Robotic Eel project is a challenging and interesting robotic mechanism transform from a biological eel structure. This project is a practical realization of development in robotics fields especially for design, research and constructing robots. This project focuses on the research of technologies, advanced mechanical capabilities and software applications. This project concentrates on programmable robot that capable to navigate in water. The Robotic eel project displays a fundamental knowledge behind robotics and the advantages towards humans' aid. This project will achieve an excellent significance in Malaysia as it is a developing country and had faced a catastrophe such as tsunamis only last year. The Robotic Eel will bring forth assistance to humans beyond expectations simultaneous to the rapid growth of robotics technology.