# PROJECT REPORT

## Automatic Fish Feeder Based on ATmega328 Microcontroller

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# APPROVAL AND RATIFICATION PAGE

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by

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## ABSTRACT

*Feeding is one of the important thing in the case of fish cultivation and harvesting. Nowadays, in general feeding is still depending on direct human help, so that people now just found a new technique to feed fish, runs and operates the tools automatically regarding to time and schedule that is provided or based on operation time of period they wanted and how much they want to feed.*

*Make an automatic fish feeder that are useful for helping fish farm. HC-SR04 sensor is used to determine the available fish feed capacity, the servo as the exit door for fish feed and as feed launchers to the pond. This tool makes fish farming more effective time, especially in scheduling fish feed along with appropriate feeding doses.*



*Keyword: Feeding, HC-SR04, Arduino uno.*

# PREFACE

Making an automatic fish feeding tool uses a servo motor as an exit and fish feed launcher. This project was made because of the manual scheduling and manual dose setting of fish feeding.

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