

**PERANCANGAN PROGRAM APLIKASI ALAT SENSOR  
SUHU AIR KOLAM IKAN MENGGUNAKAN ARDUINO DAN  
VISUAL BASIC 6**

Tugas Akhir

Program Studi MANAJEMEN INFORMATIKA



**FAKULTAS TEKNIK  
UNIVERSITAS SATYA NEGARA INDONESIA  
JAKARTA  
2017**

DESIGN OF TOOLS APPLICATION PROGRAMS WATER  
TEMPERATURE SENSOR USING ARDUINO AND VISUAL  
BASIC 6

**FINAL PROJECT**

Intended to Fill One of the Therms for Gaining Degree  
Diploma III  
on Informatics Management Studies Program



By

NAME : ALIE MUHAMMAD MAULIDAN  
NIM : 011603373125026

**FACULTY OF TECHNIQUE  
UNIVERSITAS SATYA NEGARA INDONESIA  
JAKARTA  
2017**

## ABSTRACT

In this growing era has been a lot of technology to help human activity in all fields, then teknologi is in need like software and hardware to help human activity. Arduino is an open source microcontroller board, where schematic design and PCB is open source, so we can use chip / microcontroller atmel AVR IC like uno to see the temperature of fish pond water by using DS18B20 sensor and LCD that can connect to pc / laptop as interface using visual basic 6 and data storage which is produced from arduino at data base of Microsoft Access.

Keywords: Application, Arduino, Visual Basic 6, Microsoft Access.

