Title of the thesis or dissertation, Title of the thesis or dissertation

Ph.D. Thesis Defence Presentation

by

Name

Supervisor : Name

DAC Committee : Names

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Contents

Current Section

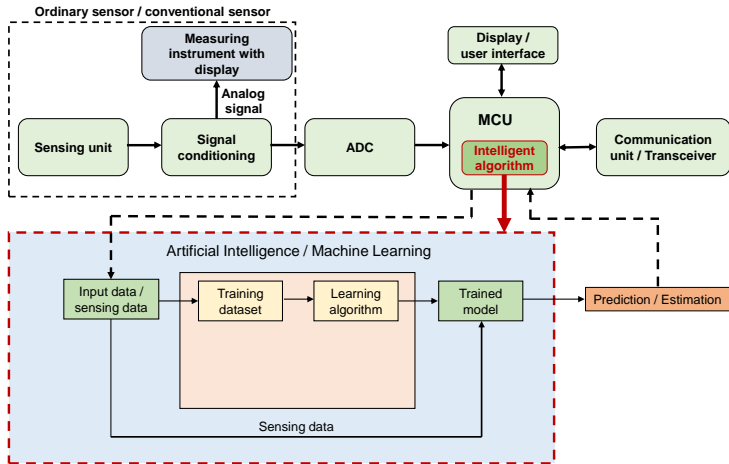# Introduction

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Figure 1: Block diagram of intelligent sensor

Motivation

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Research Gaps

- statement 1
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Assumptions

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- statement 2
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Characteristics of ultrasonic wave

$$c = \sqrt{\frac{\gamma P}{\rho}}$$

$$= \sqrt{\frac{\gamma R T}{M}} \tag{1}$$

where γ is the adiabatic index (ratio of specific heats), R is the universal gas constant, T is the temperature in kelvin, and M is the molecular mass. P is the pressure[1].

[1] *A. K. Sahoo and S. K. Udgata, "A Novel ANN-Based Adaptive Ultrasonic Measurement System for Accurate Water Level Monitoring," in IEEE Transactions on Instrumentation and Measurement, vol. 69, no. 6, pp. 3359-3369, June 2020.*

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Background and Literature Survey

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Current Section

Research Objectives

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Main Contributions

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Current Section

Analog Echo Signal

Definition 1
This is a definition.

Theorem 2
This is a theorem.

Lemma 3
This is a proof idea.

Methodology

Algorithm 1 pseudocode for algorithms

Input: input data
Output: output data
 1: **for** $j = 1$ to N **do**
 2:     Statement
 3: **end for**

Experiment

Standard Block

This is a standard block.

Alert Message

This block presents alert message.

An example of typesetting tool

Example: MS Word, LATEX

Result

Proof.

This is a proof. $\square$

Corollary 4

This is a corollary

Example 5

This is an example

Conclusions

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Current Section

Contribution-2

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Contribution-3

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Contribution-4

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Conclusions

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Future Scope

While concluding the thesis, we also identified a few important scopes for future work and intended to carry forward the work in the following areas;

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Reviewers Comments and Reply

1. Question 1
   - Reply 1:
2. Question 2
   - Reply 2:
3. Question 3
   - Reply 3:
4. Question 4
   - Reply 4:

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Important References

[1] A. K. Sahoo and S. K. Udgata, "A novel ann-based adaptive ultrasonic measurement system for accurate water level monitoring," *IEEE Transactions on Instrumentation and Measurement*, vol. 69, no. 6, pp. 3359–3369, 2019.

Current Section

Publications

1. publication 1
2. publication 2
3. publication 3
4. publication 4

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Acknowledgement

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Thank You