

**THE STUDY OF ACOUSTIC PARAMETERS IN ASPIRASI HALL OF UNIVERSITI
TEKNOLOGI MARA (TERENGGANU)**


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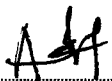
**A project report submitted in partial fulfillment of the requirements for the award of
the degree of Diploma of Electrical Engineering (Electronics / Telecommunications /
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**Faculty of Electrical Engineering
Universiti Teknologi MARA**

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“I declare that this report entitled “The Study of Acoustic Parameters in Aspirasi Hall of Universiti Teknologi Mara (Terengganu)” is the result of my own group research except as cited in the references. The report has not been accepted for any degree and is not concurrently submitted in candidature of any other degree.”

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ACKNOWLEDGEMENT

In the name of ALLAH S.W.T. The Most Gracious and Most Merciful.

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ABSTRACT

This research work was mainly to study the acoustic parameters in Aspirasi hall, UiTM Terengganu. The measurement setup was taken place based on Apple's application software installed in the iPhone. The software is reliable and useful for acoustic engineer to identify acoustic properties for closed room. Based on measurement results, the highest sound pressure level (SPL) was recorded at lower frequency at 250 Hz and 500 Hz. It was investigated that SPL is lower at higher frequency. These results show that Aspirasi Hall was designed to absorb sound energy particularly at speech frequency from 250Hz to 4kHz.

TABLE OF CONTENTS

| CHAPTERS | CONTENTS | PAGE |
|-----------------|-------------------------------|-------------|
| | DECLARATION | II |
| | DEDICATION | III |
| | ACKNOWLEDGEMENTS | IV |
| | ABSTRACT | V |
| | ABSTRAK | VI |
| | TABLE OF CONTENTS | VII - VIII |
| | LIST OF FIGURES | IX |
| | LIST OF ABBREVIATIONS | X |
| | LIST OF APPENDICES | X |
| 1 | INTRODUCTION | |
| | 1.1 BACKGROUND | 1 |
| | 1.2 PROBLEM STATEMENT | 2 |
| | 1.3 OBJECTIVE | 3 |
| | 1.4 SCOPE OF PROJECT | 3 |
| 2 | METHODOLOGY | |
| | 2.1 FLOW CHART | 4-5 |
| | 2.2 METHODOLOGY DESCRIPTION | 6 |
| | 2.3 MEASUREMENT APPLICATION | 7-9 |
| | 2.4 SIMULATION AND VALIDATION | 10 |
| | 2.5 DESIGN FOR ASPIRASI HALL | 11-12 |