

**MECHANICAL PROPERTIES OF CONCRETE  
CONTAINING SAWDUST AS PARTIAL SAND  
REPLACEMENT**

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## **SUPERVISOR'S DECLARATION**

I hereby declare that I have checked this thesis and in my opinion, this thesis is adequate in terms of scope and quality for the award of the Bachelor Degree of Civil Engineering

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## **STUDENT'S DECLARATION**

I hereby declare that the work in this thesis is based on my original work except for quotations and citations which have been duly acknowledged. I also declare that it has not been previously or concurrently submitted for any other degree at Universiti Malaysia Pahang or any other institutions.

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## LIST OF ABBREVIATIONS

MDF	Medium Density Fibreboard
ASTM	American Standard Testing Method
BS	British Standard
OPC	Ordinary Portland Cement
kg/m <sup>3</sup>	Kilogram per Metre Cube
N/mm <sup>2</sup>	Newton per Millimetre Square
MPa	Mega Pascal