

**LOAD FREQUENCY CONTROL AND AUTOMATIC VOLTAGE
REGULATOR FOR SYNCHRONOUS GENERATOR**

Thesis is presented in partial fulfillment for the award of the

Bachelor of Electrical Engineering (Hons)

UNIVERSITI TEKNOLOGI MARA



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ACKNOWLEDGEMENTS

Assalamualaikum warahmatullah hiwabarrakatuh...

Firstly, I would like to express my gratitude to my project supervisor, Associate Professor Madya Muhammad B Yahya for her guidance, critical comment, advice, supporting and willing to give ideas to complete my project. Every single knowledge that had been given by her during this undergoing period doing the project will always is my precious treasure.

My project would not been complete without the help and comments from my friends. For that, I would like to thank all my friends for their support in completing this project.

My gratitude also to my lecturers for their support and encouragement throughout my course in Universiti Teknologi MARA (UiTM), especially during the completion of this project.

Lastly, I would like to dedicate my love and gratitude to my mother, father, brother and sister for their support throughout the completion of this project.

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ABSTRACT

Load frequency control and automatic voltage regulator for synchronous generator are for control of active and reactive power in order to keep the system in order to keep the system in the steady state in an automatic generator control. By using the Mat Lab Toolbox Simulink is used to illustrate in frequency and voltage stability.

Keywords - Load frequency control (LFC), automatic voltage regulator (AVR), automatic generator control (AGC).

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