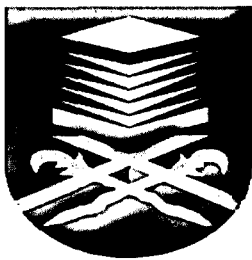


# **ECONOMIC EMISSION LOAD DISPATCH BY USING SHUFFLED FROG LEAPING ALGORITHM**

This thesis is presented in partial fulfillment of the requirement for the award of the  
Bachelor of Engineering (Hons) Electrical



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## **ABSTRACT**

This thesis presents a solution for economic emission load dispatch using shuffled frog leaping algorithm (SFLA). The proposed algorithm is developed using MATLAB programming. To test this algorithm, a standard IEEE 30-bus, six generator unit is used as the test system. The results obtained show that the proposed technique is able to solve the problem for the minimum generation cost and emission.

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