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THESIS ON  
**LEARNING, MEMORY ENCHANCEMENT AND COGNITIVE  
EFFECT OF PROPRANOLOL AND METOPROLOL IN STRESS  
AND FEAR INDUCED RATS**

Submitted for the partial fulfilment of the Requirements for the degree of

Master of Pharmacy

By

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## CERTIFICATE

This is to certify that the thesis entitled "**Learning, Memory Enhancement and cognitive effect of propranolol and metoprolol in stress and fear induced rats**" in partial fulfillment of the requirement for the award of the degree of master of pharmacy in pharmacology submitted to **Maulana Abul Kalam Azad University of Technology, West Bengal**, in an authentic record of bonafide research work carried out by **Bhanu Prakas, Roll no.-18920219014** under my guidance.

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