

**APPLICATION OF MACHINE LEARNING METHODS ON SODIUM
GLUCOSE COTRANSPORTER 2 (SGLT2) INHIBITORS:
IDENTIFICATION OF FINGERPRINTS & NOVEL INHIBITORS
THROUGH DRUG REPURPOSING**

A Thesis

Submitted in Partial Fulfillment for Degree of

MASTER OF PHARMACY

In

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by
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CERTIFICATE

This is to certify that Mr. Md Moinul has submitted his dissertation entitled "Application of machine learning methods on sodium glucose cotransporter 2 (SGLT2) inhibitors: identification of fingerprints & novel inhibitors through drug repurposing", in partial fulfillment of the requirement for the degree of Master of Pharmacy in Pharmaceutical Chemistry to Dr. Harisingh Gour Vishwavidyalaya (A Central University), with his truly and honestly observed inferences during his work. He also has completed his project under my supervision and his work is satisfactory.

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