

***Exploring Indole Based Mcl-1 Kinase
Inhibitors through Different Molecular
Modelling Strategies***

A Thesis

Submitted in Partial Fulfillment for Degree of

**MASTER OF PHARMACY
In
PHARMACEUTICAL CHEMISTRY
2018-2020**



Supervised by
Dr. Shovanlal Gayen
Assistant Professor
Ph.D., Post-Doc.
NTU-(Singapore)

Submitted by
Mr. Kalyan Ghosh
Reg. No. Y18254022

**Department of Pharmaceutical Sciences
Dr. Harisingh Gour Vishwavidyalaya
(A Central University)
Sagar (M.P.) – 470003**

Dr. Shovanlal Gayen
Pharmaceutical Chemistry
Ph.D., Post-Doc.
NTU-(Singapore)



**Department of Pharmaceutical
Sciences**

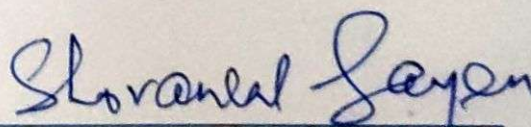
Dr. H.S. Gour Central University,
Sagar (M.P.) 470 003 INDIA
Phone: +91-8827680414
E-mail: shovanlal.gayen@gmail.com

Date:

CERTIFICATE

This is to certify that **Mr. Kalyan Ghosh** has submitted his dissertation entitled "Exploring Indole Based Mcl-1 Kinase Inhibitors through Different Molecular Modelling Strategies", in partial fulfillment of the requirement for the degree of Master of Pharmacy 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.

I hereby forward his dissertation.


Dr. Shovanlal Gayen
(Supervisor)