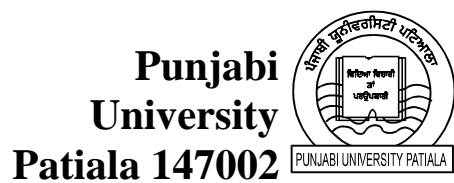


Dr. Mohamad Yusuf
Assistant Professor (Stage 2)
Department of Chemistry
Tel.: +91-175-3046409
E-mail: yusuf_sah04@yahoo.co.in



CERTIFICATE

This is to certify that this thesis entitled “*Synthesis and Characterization of Novel Heterocyclic Compounds*” embodies the work carried out by Payal Jain herself under my supervision and that it is worthy of consideration for the award of the Ph. D. degree.

(Dr. Mohamad Yusuf)

.....

Day Month Year