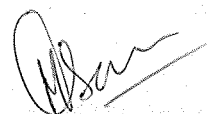


CERTIFICATE

This is to certify that the project work entitled "Green Synthesis and characterization of bimetallic Cu-Pt nanoparticles using extract of artemisia nilagirica" for the partial fulfilment of requirement for the award degree of Master of Science in Chemistry is the original work carried out by Alisha Jamal in the Department of Chemistry, Faculty of Science, Jamia Hamdard, New Delhi-110062 under my supervision and guidance.



Prof. Kaleem Javed
Head of Department
Department of chemistry
Faculty of science
Jamia hamdard, New Delhi-62



Dr. Mohd. Samim
Project supervisor
Department of chemistry
Faculty of science
Jamia Hamdard, New Delhi-62