

## CERTIFICATE

This is to certify that the project report entitled “**Green Synthesis of Silver Nanoparticles using *Mangifera indica* Fruit Extract and its Application**” is a bonafied work carried out by **Shravya, 209323** under the guidance of **Ms. Preema Cealla pais** in the Department of PG Studies and Research in Chemistry, St. Aloysius College.

The same is being submitted to the Post Graduation Department of Chemistry, St. Aloysius College (Autonomous) , Mangaluru, in partial fulfilment of the requirements for the award of **Master of Science in Analytical Chemistry**. No part of this thesis has been presented for the award of any other degree.



**Dr. Ronald Nazareth**  
**Head of the Department**  
**PG Studies and Research in Chemistry**



**Ms. Preema Cealla Pais**  
**(Guide)**