

CERTIFICATE

This is to certify that the project report entitled "**Synthesis, Characterization and Application of Cerium based Metal Organic Frameworks**" is a bonafied work carried out by **Vakya Shetty, 209327** under the guidance of **Ms. Jyothi Simav Vaz** in the Department of PG Studies in Chemistry and Research, St. Aloysius College.

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



Name and Signature of HOD



Name and Signature of the Guide

Ms. JYOTHI SIMAV VAZ