## CERTIFICATE

This is to certify that the project report entitled "HYDROTHERMAL SYNTHESIS OF CERIUM, ZIRCONIUM METAL - ORGANIC FRAMEWORK - GRAPHENE OXIDE NANOCOMPOSITE" is a bonafide work carried out by Ms. HONEY LAD, 228208 under the guidance of Mr. JEESU GEORGE in the Department of PG Studies and Research in Chemistry, St. Aloysius College (Autonomous), Mangaluru.

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

Dr. Vinola Rodrigues

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Mr. Jeesu George

(Guide)