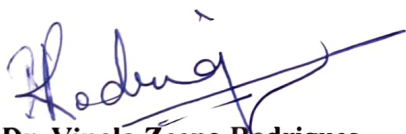


## CERTIFICATE

This is to certify that the project report entitled “**SYNTHESIS OF CeO<sub>2</sub> NANOPARTICLES UTILIZING *ANNONA RETICULATA* BIOEXTRACT: EXPLORATION OF PHOTOCATALYTIC EFFICIENCY, ANTIOXIDANT POTENCY & ANTIBACTERIAL EFFICACY**” is a bonafide work carried out by **Mr. SANDEEP SHENOY K, 229324** under the guidance of **MR. JEESU GEORGE** in the Department of Post Graduate 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 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.



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