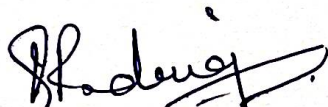


CERTIFICATE

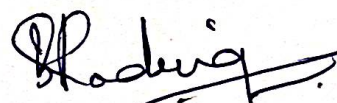
This is to certify that the project report entitled "**GREEN ROUTE SYNTHESIS, CHARACTERIZATION OF NICKEL DOPED CeO_2 NANOPARTICLES & ITS ENHANCED PHOTOCATALYTIC AND ANTIBACTERIAL PERFORMANCE**" is a bonafied work carried out by **Anjana KB ,228202** - under the guidance of **Dr vinola zeena Rodrigues** in the Department of PG Studies and Research in chemistry, St. Aloysius (Deemed to be university).

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



Dr Vinola Zeena Rodrigues

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