

CERTIFICATE

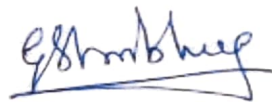
This is to certify that the project report entitled “**Synthesis of Cyclic Urea from CO₂ and Diamine Using Zn-based Solid Acid-Base Catalyst**” is a bonafied work carried out by **Swathi Shetty, 229329** under the guidance of **Dr Ganapati V. Shanbhag**, Materials Science and Catalysis Division, Poornaprajna Institute of Scientific Research (PPISR), Bengaluru. The work was entirely carried out at PPISR and it is intellectual property of PPISR.

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 in Analytical Chemistry. No part of this thesis has been presented for the award of any other degree.



Name & Signature of HOD

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Name & Signature of Guide