

CERTIFICATE

This is to certify that the project entitled "MICROWAVE ASSISTED SYNTHESIS, CHARACTERIZATION AND ANTIMICROBIAL ACTIVITY OF N-HETERO-CYCLIC COMPOUNDS" is a bonifade work carried out by **SHAWN CRASTA**, Reg. No **208221**, under the giudance of **Dr. Ronald Nazareth** in the Department of PG Studies and Research in Chemistry, St. Aloysius College (Autonomus), Mangaluru.

The same is being submitted to the Post Graduation Department of Chemistry, St. Aloysius College (Autonomus), Mangaluru, in partial fulfilment 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. Ronald Nazareth
(Head, Department of Chemistry)



Dr. Ronald Nazareth
(Guide)