

SYNTHESIS OF BENZIMIDAZOLE AND ITS DERIVATIVES USING α -CHYMOTRYPSIN AS A BIOCATALYST

A DISSERTATION REPORT

Course code and Course Title: CGO-500 DISSERTATION

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Submitted in partial fulfilment of Masters of science

In Analytical chemistry

By

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DECLARATION BY STUDENT

I hereby declare that the data presented in this Dissertation report entitled, "Synthesis of benzimidazole and its derivatives using α -chymotrypsin as a biocatalyst" is based on the results of investigations carried out by me in the Degree of Master of science in Analytical Chemistry at the School of Chemical Sciences, Goa University under the Supervision of Dr. Rupesh E. Patre and the same has not been submitted elsewhere for the award of a degree or diploma by me. Further, I understand that Goa University or its authorities will be not be responsible for the correctness of observations / experimental or other findings given the dissertation.

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COMPLETION CERTIFICATE

This is to certify that the dissertation report "Synthesis of benzimidazole and its derivatives using α -chymotrypsin as a biocatalyst" is a bonafide work carried out by **Ms. Jewella Britney Coutinho** under my supervision/mentorship in partial fulfilment of the requirements for the award of the degree of **Master of science in the Discipline Analytical Chemistry** at the **School of Chemical Sciences, Goa University**.

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