

**SYNTHESIS, PROPERTIES AND APPLICATIONS OF  
POLYTHIOPHENE AND POLYPYRROLE**

A Dissertation Report for

CGO-500 - Dissertation

Credits: 08

Submitted in partial fulfilment of Master's Degree

M.Sc. in Physical Chemistry

by

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**APRIL 2023**



Examined by:    

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### **DECLARATION BY STUDENT**

I hereby declare that the data presented in this Dissertation report entitled, **“Synthesis, properties and applications of polythiophene and polypyrrole”** is based on the results of investigations carried out by me in the Physical Chemistry Department at the School of Chemical Sciences, Goa University under the Supervision of Dr. Diptesh G. Naik 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, properties and applications of polythiophene and polypyrrole**" is bonafide work carried out by Ms. Diksha Ravikant Gaonkar under my supervision in partial fulfilment of the requirements for the award of the degree of Master of Science in the Discipline Physical Chemistry at the School of Chemical Sciences, Goa University.



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