

Microwave-Assisted Synthesis of Carbon Quantum Dots and to Study its Sensing Applications.

A Dissertation Report for

Course code and Course Title: (CC)-500

Credits: 08

Submitted in partial fulfilment of Masters' Degree

in Organic Chemistry

by

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DECLARATION BY STUDENT

I hereby declare that the data presented in this Dissertation report entitled, "Microwave-Assisted Synthesis of Carbon Quantum Dots and to study its Sensing Applications" is based on the results of investigations carried out by me in Organic Chemistry at the School of Chemical Sciences, Goa University under the Mentorship of Dr. Sandesh T. Bugde 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. I hereby authorize the University authorities to upload this dissertation on the dissertation repository or anywhere else as the UGC regulations demand and make it available to any one as needed.

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Date: 06/05/2023

Place: Goa University

COMPLETION CERTIFICATE

This is to certify that the dissertation report "Microwave-Assisted Synthesis of Carbon Quantum Dots and to study its Sensing Applications" is a bonafide work carried out by Ms. Akshata Anil Bhonsle under my mentorship in partial fulfillment of the requirements for the award of the degree of M.Sc. in the discipline Organic Chemistry at the School of Chemical Sciences, Goa University.



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