

**Green synthesis of cerium oxide nanoparticles using selected plant  
extracts with anti-diabetic properties**

A Dissertation for

Course code and Course title: CHB 651 Dissertation

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M.Sc. in Biochemistry

by

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**GOA UNIVERSITY**

May 2024



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### DECLARATION BY STUDENT

I hereby declare that the data presented in this Dissertation report entitled, "Green synthesis of cerium oxide nanoparticles using selected plant extracts with anti-diabetic properties" is based on the results of investigations carried out by me in the Biochemistry discipline at the School of chemical sciences, Goa University under the Supervision of Mr. Saurav Sattarker 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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Ms. Santoshi Dinesh Naik  
Signature and Name of Student

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Date:

Place: Goa University

### COMPLETION CERTIFICATE

This is to certify that the dissertation report "Green synthesis of cerium oxide nanoparticles using selected plant extracts with anti-diabetic properties" is a bonafide work carried out by **Ms. Santoshi Dinesh Naik** under my supervision in partial fulfilment of the requirements for the award of the degree of Master's in the Discipline Biochemistry at the School of Chemical Sciences, Goa University.



Mr. Saurav Satharke  
Signature and Name of Supervising Teacher

Date:



Signature of Dean of the School

Date: 06/05/2024

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