

**DEVELOPMENT OF A COLORIMETRIC SENSOR FOR DETECTION OF
DICLOFENAC SODIUM AND SYNTHESIS OF AN ADSORBENT USING AGRO
WASTE MATERIAL FOR ITS REMOVAL FROM WATER**

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by

Ms. SUNITA BASWRAJ TALIKOTTI

22P0460018

573-501-686-670

201900923

Under the Supervision of

DR. PRACHI TORNEY

School of Chemical Sciences

Biochemistry



**GOA UNIVERSITY
TALEIGAO PLATEAU**

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Examined by

Dr. Prachi Torney
Dr. Sunita Baswraj Talikotti



Seal of school

DECLARATION

I hereby declare that the data presented in this Dissertation reported entitled, "Development of a colorimetric sensor for the detection of diclofenac sodium and synthesis of an adsorbent using agro waste material for its removal from water" is based on the results of investigations carried out by me in the (Master of Science in Biochemistry) at the School of Chemical Sciences, Goa University under the Supervision of Dr. Prachi Torney 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 not be responsible for the correctness of observations / experimental or other findings given the dissertation.

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Sunita Baswraj Talikotti

22P0460018

Date- 06/05/2024

Place- Goa University

COMPLETION CERTIFICATE

This is to certify that the dissertation report " Development of a colorimetric sensor for the detection of diclofenac sodium and synthesis of an adsorbent using agro waste material for its removal from water" is a Bonafide work carried out by Ms. Sunita Baswraj Talikotti under my supervision in partial fulfilment of the requirements for the award of the degree of Master of Science in Biochemistry at the School of Chemical Sciences, Goa University.



Dr. Prachi Torney

Date: 06/05/2024



School stamp



Dr. Vidhyadatta M. Shet Verenkar

School of Chemical Sciences

GOA UNIVERSITY

Date: 06/05/2024

Place: Goa University