

Declaration

I hereby declare that the research work embedded in this dissertation entitled "**Role of arjunolic acid and vitamin B₁₂ on arsenic induced ovarian malfunction: An approach through the study of S-adenosine Methionine pool**" has been carried out by me in the department of Bio-Medical Laboratory Science and Management, Vidyasagar University, Midnapore, West Bengal, India under the guidance of Dr. Sandip Chattopadhyay (Associate Professor, Department of Bio-Medical Laboratory Science and Management, Vidyasagar University, Midnapore, West Bengal, India). I also confirm that this research work is fulfilled by me and has not been submitted for any other degree or diploma of this or other university or institute. The present thesis is a corrected and modified version as per the recommendation of the adjudicator.

Date: 26/01/2021

Place: Midnapore

Moulima Maity

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