

**SWAMI VIVEKANANDA INSTITUTE
OF
MODERN SCIENCE**



Affiliated to Maulana Abul Kalam Azad University of Technology, WB
Sonarpur Station Road, Karbala, P.O. - Narendrapur, P.S. - Sonarpur, Kolkata-700103

TO WHOM IT MAY CONCERN

This is to certify that the project entitled "Extraction and isolation of compounds from the leaves of Ficus religiosa L. and evaluated fractionation based phytochemical constituents and antioxidant activity." with reference to Swami Vivekananda Institute of Modern Science, Sonarpur, Kolkata-700103 is submitted by Bharati Mishra [2nd year, 2nd semester, registration no. 212641899210008 year 2021-22, roll no. 26499221007] under the Department of Biotechnology for the partial fulfilment of the degree of M.Sc Biotechnology, under Maulana Abul Kalam Azad University of Technology, WB, embodies the work has been done by her under our supervision.

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Prof. Gargi Gupta
(Vice-Principal)
SVIMS

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Prof. (Dr.) Priyabrata Manna
(Internal Project Guide)
Department of Biotechnology
SVIMS

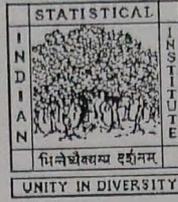
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Prof. (Dr.) Nilanjana Bhattacharyya Nath
(Head of the Department)
Department of Biotechnology
SVIMS

Date: 22.05.23
Place: Kolkata



INDIAN STATISTICAL INSTITUTE

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Agric. and Ecol. Res. Unit,
Biological Sciences Division
203 Barrackpore Trunk Road
Calcutta 700 108, INDIA

To whom it may concern

This is to certify that Ms. Bharati Mishra of Swami Vivekananda Institute of Science & Technology, Sonarpur, West Bengal had performed her internship training in my laboratory of Agricultural and Ecological Research Unit, Indian Statistical Institute, 203, B.T. Road, Kolkata from the period of 1st January, 2023 to 28th February, 2023. She has worked on the research topic entitled "Extraction and isolation of compounds from the leaves of *Ficus religiosa* L. and evaluated fractionation based phytochemical constituents and antioxidant activities". She has followed the rules and regulations as laid down by the Institute during her training period. She has gained knowledge of expertise in versatile field such as extraction, isolation and purification of bioactive compounds from plants; screening their phytochemical and antioxidant potentialities. She has learned to operate a number of high end instruments and has developed critical ability to set biological experiment independently. She is intelligent, sincere, obedient and hard-working student and I wish her every success in future life.

Suparna Mandal Biswas

(SUPARNA MANDAL BISWAS)

01.03.2023

From:

Dr. Suparna Mandal Biswas

Associate Professor, Agric. and Ecol. Res. Unit

Indian Statistical Institute, 203, B.T. Road, Kolkata

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Anita Pal

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