

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 "Study of Comparison of oral microbial flora of Smokers vs nonsmokers in a metropolitan city" with reference to Swami Vivekananda Institute of Modern Science, Sonarpur, Kolkata-700103 is submitted by Shyam sundar Tiwari [2nd year, 2nd semester, registration no. 212641899210020 year 2021-22, roll no. 26499221014] 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 him under our supervision.

Prof. Gargi Gupta
(Vice-Principal)
SVIMS

Prof. Abhirup Ganguli
(Internal Project Guide)
Department of Biotechnology
SVIMS

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

Date:

Place: Kolkata





**All India Institute of Hygiene and Public health
Kolkata**

CERTIFICATE FROM THE GUIDE

This is to certify that the study entitled “**Study of comparison oral microbial flora of smokers vis a vis non smokers**” submitted by **Shyam Sundar Tiwari** under my supervision and guidance be accepted as fulfilling this part of the requirements for the award of Degree of Master of science in Biotechnology. This project work done by him under my supervision in three months duration which ended in May 2023. To the best of my knowledge, neither this study nor any part of this study has been submitted for the award of any other degree or diploma in any other university and it is the original work of the candidates.

Date: 25/5/2023

Place: Kolkata

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