



# INSTITUTE OF APPLIED MEDICINES & RESEARCH

Recognised by UGC (Govt. of India) & Affiliated to C.C.S. University, Meerut.

## Certificate

This is to certify that the Project report entitled "Evaluation, formulation and anti-bacterial efficacy of Alcohol based herbal hand sanitizer" submitted in partial fulfillment of the requirement for the degree of Master of Science in Microbiology in Faculty of Life Sciences from the institute of Applied Medicines & Research (affiliated to Ch. Charan Singh University Meerut) is a record of bonafide research carried out by **Ms. Anjali Anand (Enrolment No. M17924097)** under my supervision and her no part of this project report has been submitted for any other degree or diploma.

The assistance and help received during the course of this investigation and the sources of literature have been acknowledged.

(Dr. Monika Bajpai)  
Assistant Professor  
Faculty of Life Sciences  
IAMR, Ghaziabad

Dr. Aarti Bhardwaj  
Head of the Department  
Faculty of Life Sciences  
IAMR, Ghaziabad

PRINCIPAL

Institute of Applied Medicines & Research  
9th Mile Stone, Delhi Meerut Road  
Duhai Ghaziabad-201206

Institute :

9th Km. Stone, Delhi-Meerut Road, Ghaziabad-201 206

Phone. : (0120)-2675904, 2675905 • Website : [www.iamr.ac.in](http://www.iamr.ac.in) • E-mail : [iamroffice@gmail.com](mailto:iamroffice@gmail.com)



# INSTITUTE OF APPLIED MEDICINES & RESEARCH

Recognised by UGC (Govt. of India) & Affiliated to C.C.S. University, Meerut.

## Certificate

This is to certify that the Project report entitled "Formulation of a milk based probiotic drink using *Vaccinium spp.* (Blueberry) extract" submitted in partial fulfillment of the requirement for the degree of Master of Science in Microbiology in Faculty of Life Sciences from the institute of Applied Medicines & Research (affiliated to Ch. Charan Singh University Meerut) is a record of bonafide research carried out by Ms. Simran Anand (Enrolment No. M17924120) under my supervision and her no part of this project report has been submitted for any other degree or diploma.

The assistance and help received during the course of this investigation and the sources of literature have been acknowledged.

(Dr. Monika Bajpai)  
Assistant Professor  
Faculty of Life Sciences  
IAMR, Ghaziabad

PRINCIPAL

Institute of Applied Medicines & Research  
9th Mile Stone, Delhi-Meerut Road  
Dahal, Ghaziabad-201206

Dr. Aarti Bhardwaj  
Head of the Department  
Faculty of Life Sciences  
IAMR, Ghaziabad

Institute :

9th Km. Stone, Delhi-Meerut Road, Ghaziabad-201 206

Phone : (0120)-2675904, 2675905 • Website : [www.iamr.ac.in](http://www.iamr.ac.in) • E-mail : [iamroffice@gmail.com](mailto:iamroffice@gmail.com)