



LJ University
University with a Difference
(Lok Jagruti Kendra University Established by Gujarat Act No. 19 of 2019)

LJ School of Applied Sciences

CERTIFICATE OF APPRECIATION

This is to certify that **Mr. Sahil Patel**, a student of Master of Computer Applications (MCA), has successfully worked with the biotech department at LJ School of Application Sciences. During this period, he contributed to the development of the project titled: **"BACTOSCAN AI – Automated Colony Detection and Counting System"**

He has actively worked on the design and development of an AI-powered mobile application using Flutter and Python, integrating advanced technologies such as YOLO-based object detection.

His work involved:

- Application development and UI design
- Integration of AI model using API
- Testing and implementation of system features
- Supporting technical tasks for the department

We found him sincere, hardworking, and technically sound. His contribution has been valuable to the department.

We wish him all the best for his future career.

Prof. Alok Manke

Project Guide / In-charge

Date: 2 May 2026

Place: Ahmedabad

Prof. Niketan Deshmukh

Director

DIRECTOR
LJ SCHOOL OF APPLIED SCIENCES
LJK UNIVERSITY
LJ CAMPUS, S.G. HIGHWAY ROAD,
AHMEDABAD-382210.