



This is to certify that



INBATHAMIZH L

has successfully completed all the requirements for SWAYAM-NPTEL Domain Certification in

Biosciences

(Biotechnology and Bioscience / Bio engineering)

The courses were completed in the period April 2022

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Roll No: NPTELD512200000008

To validate and check scores:
<https://npTEL.ac.in/noc>



Course Details

Course Type	Course Name	Duration	Offering Institute	Course Timeline	Marks Obtained (Out of 100)	QR Code
core	Biochemistry - IITM	12	IIT Madras	Jan-Apr 2022	64	
core	Cell Biology: Cellular organization, division and processes	8	IISc Bangalore	Jan-Mar 2022	64	
core	Basics of Biology	12	IIT Guwahati	Jan-Apr 2022	71	
Elective	Cell Culture Technologies	8	IIT Kanpur	Feb-Apr 2019	88	
Elective	Experimental Biotechnology	12	IIT Guwahati	Jul-Oct 2021	83	
Elective	Immunology	12	IIT Kharagpur	Jul-Oct 2021	76	
Elective	Fundamentals of Protein Chemistry	12	IIT Kharagpur	Jul-Oct 2021	88	
Total Marks					534	

Criteria for certification in Biosciences Domain:

The candidate should complete the prescribed 3 core courses and 2 elective courses:

1. Scoring a minimum of ≥ 55 marks in each course and should pass the courses too.
2. Average of all courses in the domain should be ≥ 60 .
3. Sum of the duration of the courses should be ≥ 50 weeks.

Domain Certificates

