

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

HARSHITHA V

for successfully completing the course

Bioreactors

with a consolidated score of **52** %

Online Assignments	18.25/25	Proctored Exam	34.23/75

Total number of candidates certified in this course: **152**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Aug 2023

(4 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23BT45S35342508

To verify the certificate

No. of credits recommended: 1 or 2