Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India
कौशल भारत - कुशल भारत



This certificate is awarded to

AZEEZ SHAIK

for successfully completing the course

Bioreactors

with a consolidated score of **68** %

Online Assignments	21.92/25	Proctored Exam	46.26/75

Total number of candidates certified in this course: **143**

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jul-Aug 2025

(4 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam
शिक्षित भारत, उन्नत भारत

Roll No: NPTEL25BT65S350800039

To verify the certificate

No. of credits recommended: 1 or 2