NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India
कौशल भारत - कुशल भारत



This certificate is awarded to

SHAIK YAQOOB GOUSE PASHA

for successfully completing the course

Bioreactor Design and Analysis

with a consolidated score of **57** %

Online Assignments	25/25	Proctored Exam	31.5/75

Total number of candidates certified in this course: **206**

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

Jan-Mar 2025

(8 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL25BT09S332600002

To verify the certificate

No. of credits recommended: 2 or 3