# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India
कौशल भारत - कुशल भारत



*This certificate is awarded to*

**SULEKHA SENTHIL**

*for successfully completing the course*

## Bioreactor Design and Analysis

*with a consolidated score of* **53** %

| | | | |
|---|---|---|---|
| Online Assignments | 23.33/25 | Proctored Exam | 30/75 |

*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: NPTEL25BT09S332600295

To verify the certificate

No. of credits recommended: 2 or 3