



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUNANDINI CHOWDHURY

for successfully completing the course

Bioreactor Design and Analysis

with a consolidated score of **61** %

Online Assignments	23.88/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **97**

Prof. Devendra Jaliha

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Mar 2024

(8 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24BT17S344109209

To verify the certificate



No. of credits recommended: 2 or 3