

**B. K. BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS),
KALYAN**

CERTIFICATE COURSE



SWAYAM NPTEL SYLLABUS FOR 2022-23

Genetic Engineering: Theory and Application:

Week 1: Introduction and Basics of Biological System.

Week 2: Basics of Biological System

Week 3: Basics of Cloning (Part I)

Week 4: Basics of Cloning (Part II)

Week 5: Recombinant DNA Technology (Part I)

Week 6: Recombinant DNA Technology (Part II)

Week 7: Product Recovery and Purification (Part I)

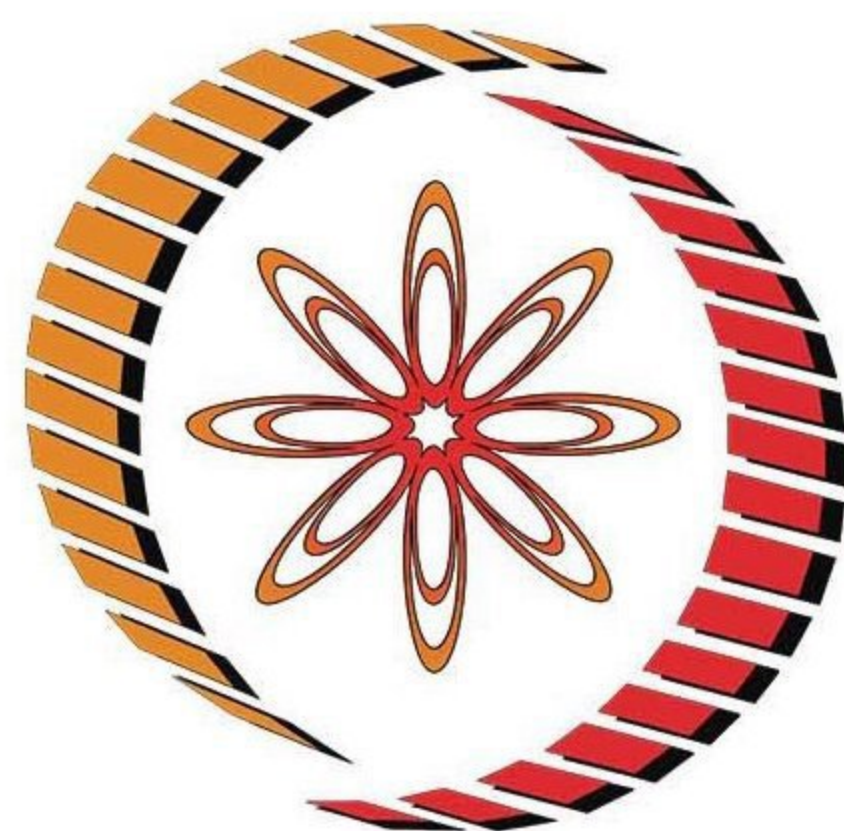
Week 8: Product Recovery and Purification (Part II)

Week 9: Characterization of Isolated Products (Part I)

Week 10: Characterization of Isolated Products (Part II)

Week 11: Biotechnology in Social Welfare

Week 12: Summary & Conclusions



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
PRIYANKA SANTOSH KADAM
for successfully completing the course

Genetic Engineering: Theory and Application

with a consolidated score of **70** %

Online Assignments	18.53/25	Proctored Exam	51.75/75
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Total number of candidates certified in this course: **340**

Jul-Oct 2022
(12 week course)

Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22BT59S33581042

To validate the certificate



No. of credits recommended: 3 or 4