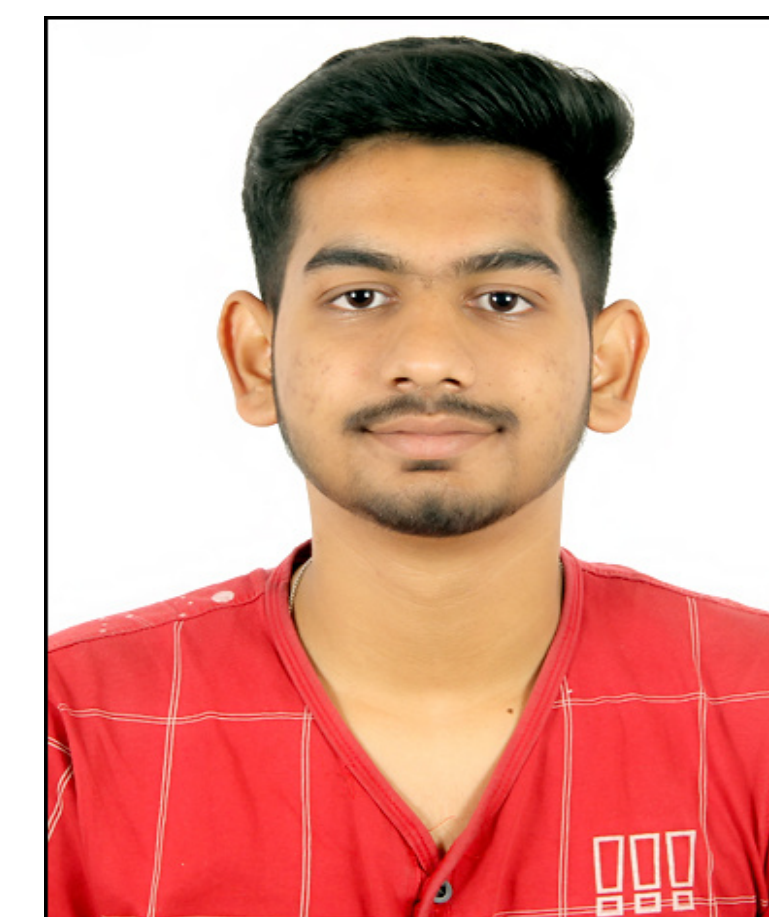




Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**HARSH RANE**

for successfully completing the course

**Big Data Computing**



with a consolidated score of **91** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.33/25 | Proctored Exam | 67.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **2778**

**Prof. B. V. Ratish Kumar**

Chairman, Centre for Continuing Education  
IIT Kanpur

**Aug-Oct 2023**

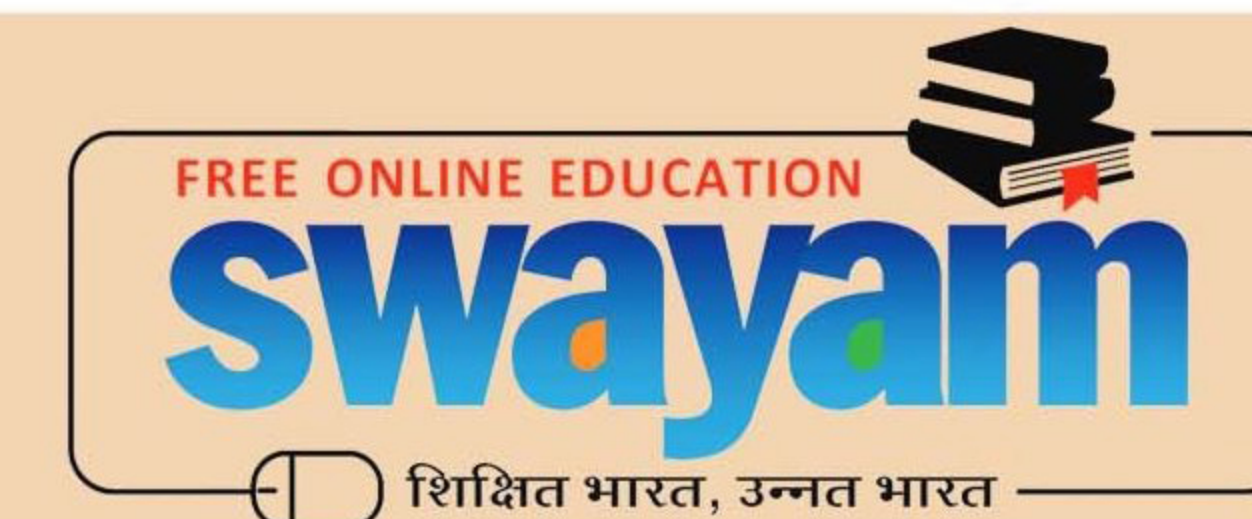
**(8 week course)**

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23CS112S536700511

To verify the certificate



No. of credits recommended: 2 or 3