ELITE

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to



SUBHARANJANA M

for successfully completing the course

BUSINESS ANALYTICS & TEXT MINING MODELING USING PYTHON

with a consolidated score of **77%**

Online Assignments	24.04/25	Proctored Exam	52.5/75

Total number of candidates certified in this course: **1535**

Prof. Kaushik Ghosh
Professor (Chemistry)
Coordinator CEC

JUL-SEP 2026
(8 week course)

Prof. Ranjana Pathania
Professor (BSBE)
Coordinator (NPTEL)

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam
शिक्षित भारत, उन्नत भारत

Roll No: NPTEL26MG87S353801057

To verify the certificate

No. of credits recommended: 3