



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
PALLAPU PAVAN KUMAR
for successfully completing the course



Business Analytics & Text Mining Modeling Using Python

with a consolidated score of **79** %

Online Assignments	24.79/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **1114**

Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jul-Sep 2023

(8 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL23MG104S34121237

To verify the certificate



No. of credits recommended: 2 or 3