



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

UTTAM KUMAR

for successfully completing the course



Assessment of Student Performance

with a consolidated score of **70** %

Online Assignments	23.96/25	Proctored Exam	46.4/75
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Total number of candidates certified in this course: **1125**

Dr. Chandrashekar Ramanathan

Chairman

Professor and Dean (Academics), IIT- Bangalore

Feb-Apr 2026

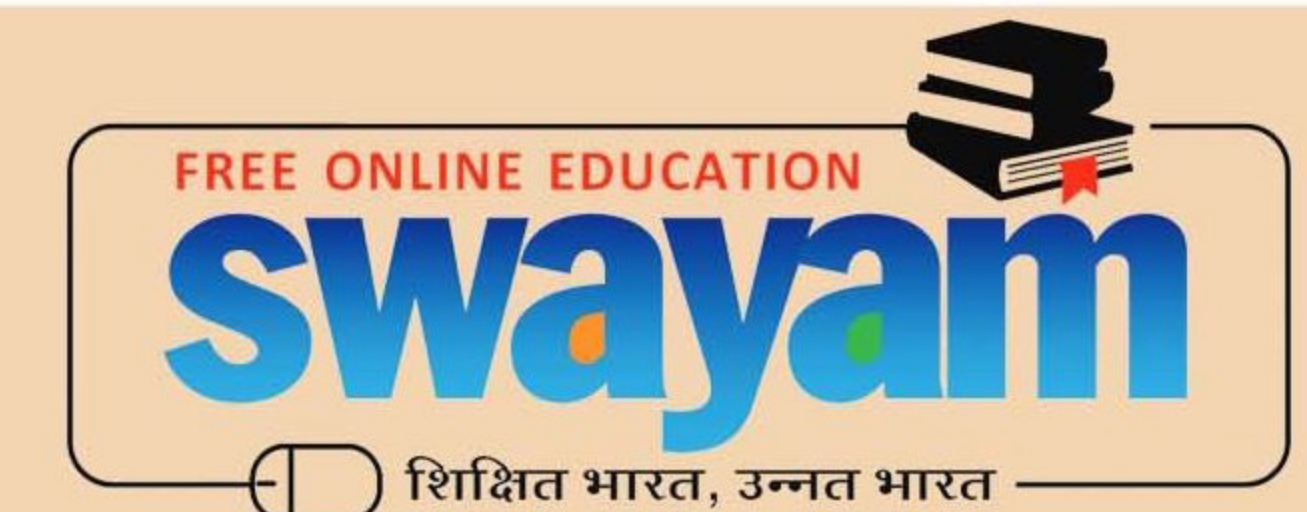
(8 week course)

Prof. L. Umanand

NPTEL Coordinator & Chair, Centre for Continuing
Education, IISc Bangalore



INTERNATIONAL INSTITUTE
OF INFORMATION TECHNOLOGY BANGALORE



Roll No: NPTEL26GE02S1052000272

To verify the certificate



No. of credits recommended: 3