



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ALFRED JOKELIN

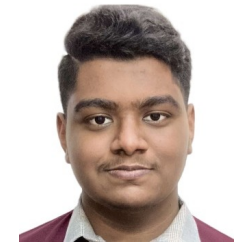
for successfully completing the course

INTRODUCTION TO GRAPH ALGORITHMS

*with a consolidated score of **49%***

Online Assignments	16.33/25	Proctored Exam	32.25/75
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*Total number of candidates certified in this course: **678***



Prof. L. Umanand

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

JUL-SEP 2026

(8 week course)



Indian Institute of Science Bangalore



Roll No: NPTEL26CS108S352201133

To verify the certificate



No. of credits recommended: 3