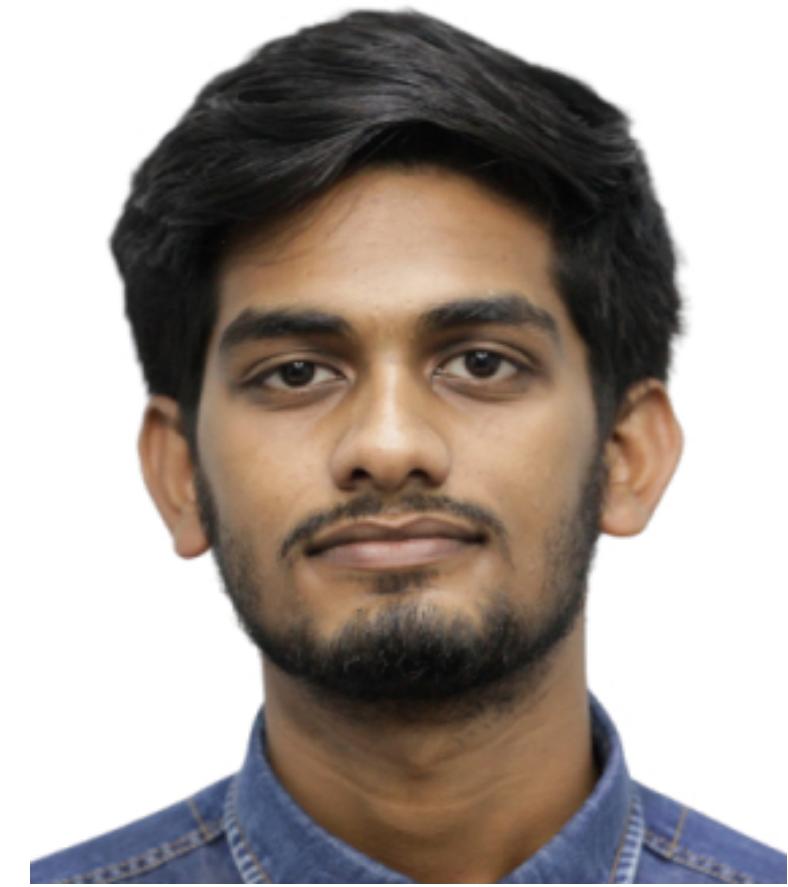




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This certificate is awarded to

ARNAB SEAL

for successfully completing the course

Combinatorics



with a consolidated score of **84** %

Online Assignments	25/25	Proctored Exam	59.25/75
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Total number of candidates certified in this course: **5**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Oct 2023

(12 week course)

Th

Prof. Andrew Thangaraj

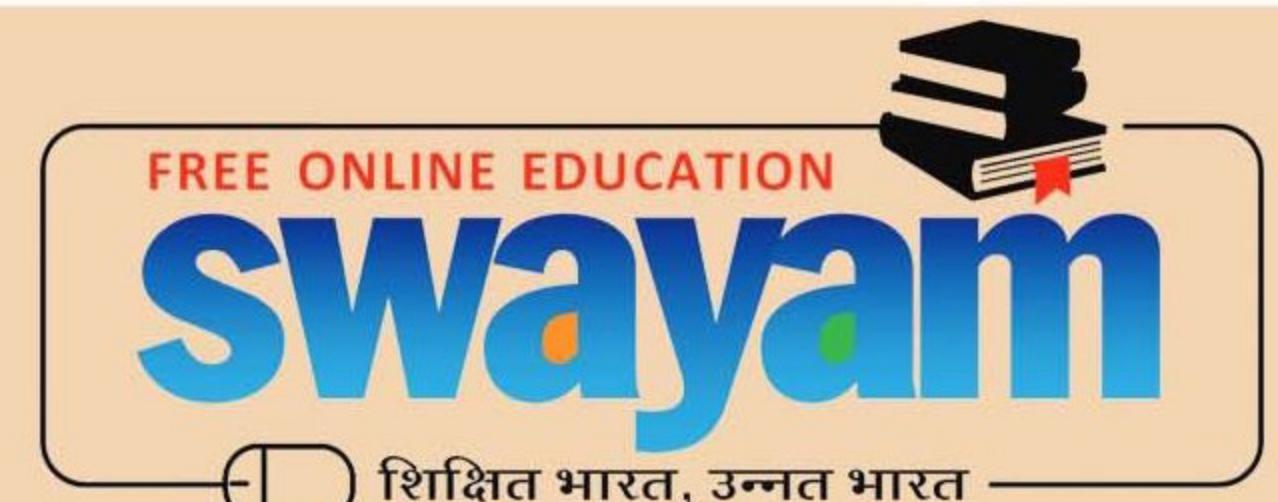
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras

Roll No: NPTEL23MA58S730200009

To verify the certificate



No. of credits recommended: 3 or 4