



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MANIRATHINAM S**

for successfully completing the course

## Design and Analysis of VLSI Subsystems

with a consolidated score of **46** %

Online Assignments	15.19/25	Proctored Exam	30.62/75
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Total number of candidates certified in this course: **287**

**Dr. Chandrashekar Ramanathan**

Chairman

Professor and Dean (Academics), IIT- Bangalore

**Jan-Apr 2024**

**(12 week course)**

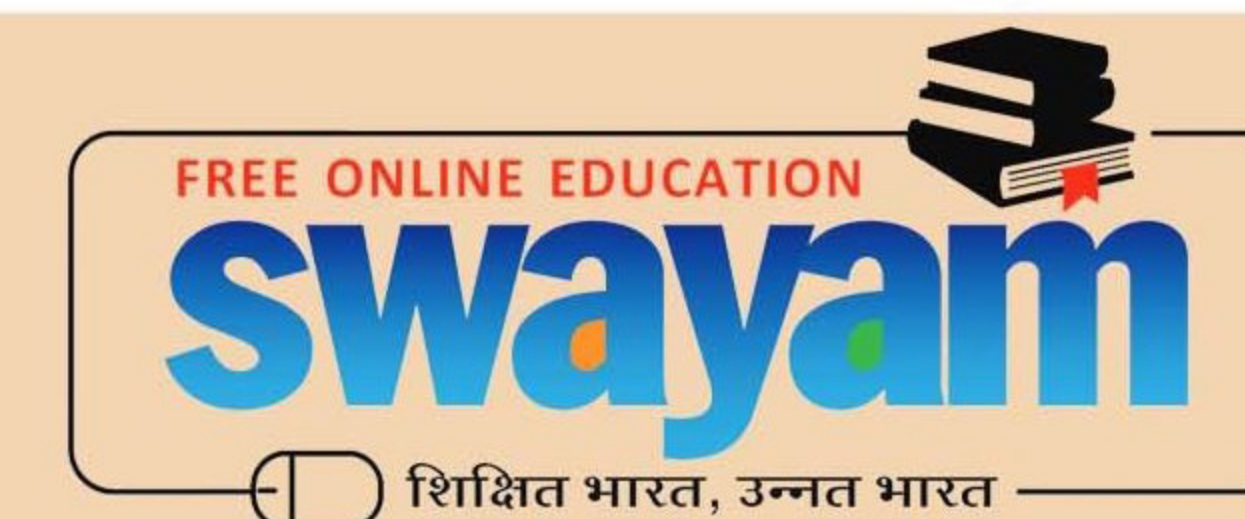
**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



INTERNATIONAL INSTITUTE  
OF INFORMATION TECHNOLOGY BANGALORE



Roll No: NPTEL24EE44S659300398

To verify the certificate



No. of credits recommended: 3 or 4