



# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**NAMRA USMAN**

for successfully completing the course



## Fundamentals of Semiconductor Devices

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **283**

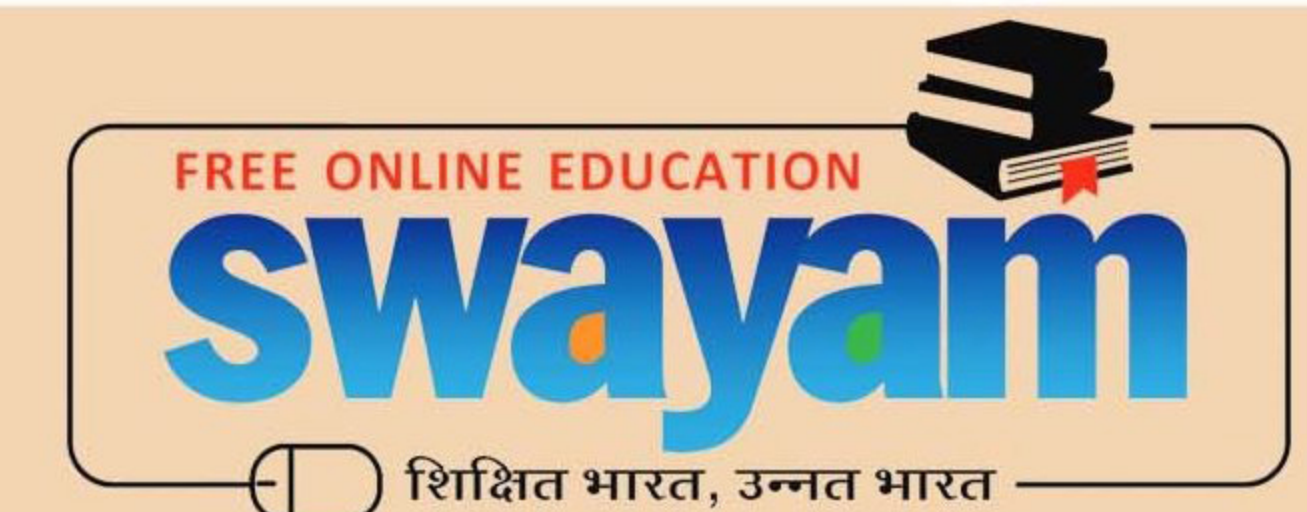
**Prof. G. L. Sivakumar Babu**  
Chairman, Center for Continuing Education  
IISc Bangalore

**Jan-Apr 2025**  
(12 week course)

**Prof. L. Umanand**  
NPTEL Coordinator  
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL25EE39S645800295

To verify the certificate



No. of credits recommended: 3 or 4