



175 YEARS OF  
IIT ROORKEE  
Estd. 1847



शिक्षा मंत्रालय  
MINISTRY OF  
EDUCATION

सत्यमेव जयते

**Gian**

GLOBAL INITIATIVE OF ACADEMIC NETWORKS

## Certificate of Participation

This is to certify that **Dr. Kulkarni Anant Aravind** has participated in the GIAN course

### **Energy Efficient Hardware Security Using Post-CMOS Nanodevices for Mobile Computing**

conducted by Dept. of Electronics & Communication Engineering, Indian Institute of Technology Roorkee  
from 25th March, 2023 to 29th March, 2023.

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