Achievement Spotlight: NPTEL Certification Success
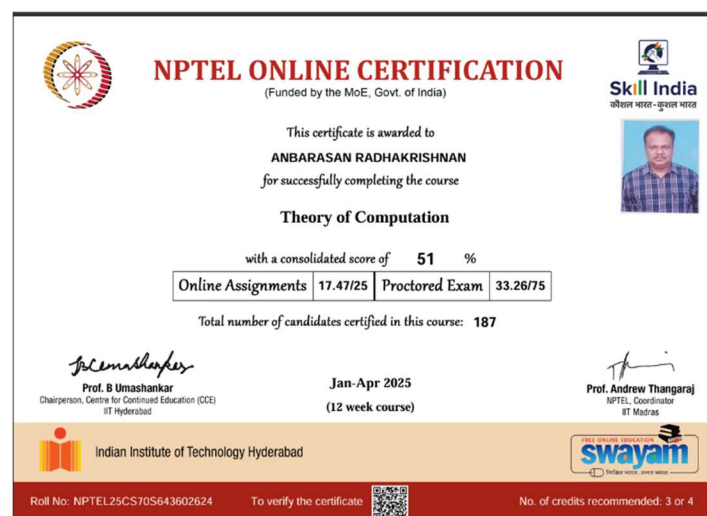
We are proud to announce that Mr.Anbarasan Radhakrishnan(AP/IT) has successfully completed the prestigious "Theory of Computation" course through the NPTEL Online Certification Program, an initiative funded by the Ministry of Education, Government of India.This comprehensive 12-week program, conducted from January to April 2025 by the Indian Institute of Technology Hyderabad (IIT Hyderabad), provided in-depth learning in the field of theoretical computer science. Anbarasan secured a consolidated score of 51%, comprising performance in both online assignments and a proctored final exam.
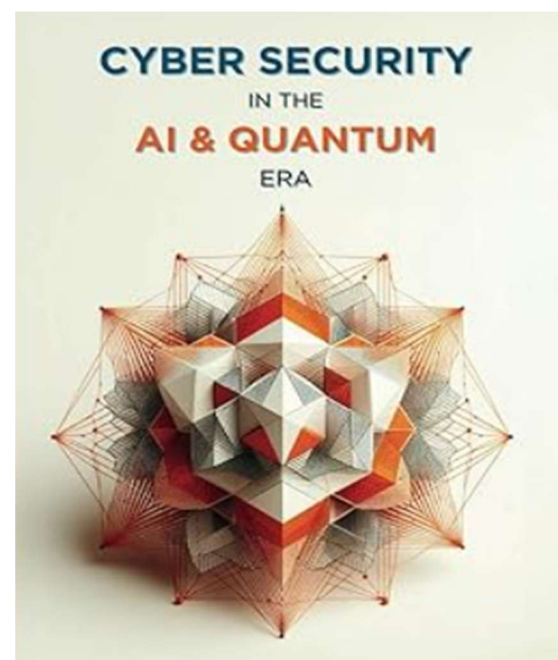

Certificate

Cybersecurity Watch: AI, Zero Trust & Quantum-Resistant Encryption

Article By: Mr. E. Joel Anandraj, Assistant Professor/IT

As cyber threats continue to grow in scale and complexity in 2025, the cybersecurity landscape is rapidly advancing to meet these challenges. Organizations are turning to cutting-edge solutions such as Artificial Intelligence (AI) and Machine Learning (ML) to enhance threat detection, allowing real-time monitoring and automated incident response. A major shift is also occurring towards Zero Trust Architecture, where access to data and systems is tightly controlled and continuously verified, reducing the risk of internal breaches. Meanwhile, the rise in ransomware and phishing attacks—particularly in hybrid work environments—has led to stronger endpoint protections, multi-factor authentication, and employee training. Looking ahead, the development of quantum-resistant encryption is gaining momentum, as researchers prepare for the potential threats posed by quantum computing. At the same time, stricter global regulations like the EU's Digital Operational Resilience Act (DORA) are being enforced to ensure compliance and bolster trust across digital ecosystems. Together, these advancements are shaping a smarter, more secure future for digital infrastructure.

Source: Brian Santacruz

Power of AI

A cute art by Adobe Firefly
"Where wisdom ends, AI begins."
— A glimpse of creativity, powered by code and heart.

Editor-in-Chief
Dr. Palani K, M.E., Ph.D.
Professor & HOD / IT

Faculty Editor
Ms. Shirley Josephine Mary R AP/IT

News Editor
Supriya S - III/IT