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Faculty Development Programme on Emerging Trends and Advanced Threat Mitigation in Cyber Security

ONLINE MODE

7TH TO 12TH APRIL 2025



Organized By,

Department of Computer Science & Engineering

School of Computer Information and Mathematical Sciences

B.S. Abdur Rahman Crescent Institute of Science & Technology

Vandalur, Chennai - 600048

ABOUT THE INSTITUTE

B.S. Abdur Rahman Crescent Institute of Science and Technology was established at 1984 with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. B.S. Abdur Rahman Crescent Institute of Science and Technology was a renowned Quality Leadership Institution accredited with grade 'A+' by NAAC. Through our long history of 40 years of excellence, the Institution has offered access to a wider angel of academic opportunities. With 57 programmes, grouped under 12 different Schools, 32 Undergraduate programmes, 25 Postgraduate programmes, and Ph.D.(in all the departments), this institution is a rising stalwart in higher education with promising Quality, Security and Placement.

ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering since 1990 (30 Years of Excellence), The department offers four undergraduate programs namely B.Tech. Computer Science and Engineering, B.Tech. Artificial Intelligence & Data Science, B.Tech. CSE (Cyber Security), and B.Tech. CSE (Internet of Things). The vision of the Department of Computer Science and engineering is to impart quality education, inculcate professionalism and enhance the problem solving skills of the students in the domain of Computer Science and Engineering with a focus to make them industry ready, involve in possible areas of research, to pursue and have continual professional growth.

ABOUT THE FDP

This Faculty Development Program (FDP) aims to explore emerging trends and advanced threat mitigation strategies in Cyber Security through a series of expert-led sessions and invited lectures. In today's rapidly evolving digital landscape, cyber security challenges are more complex than ever, requiring continuous learning and adaptation.

This FDP is designed to address key cyber security concerns, including network security, cryptographic advancements, threat intelligence, ethical hacking, and AI-driven security solutions. Participants from various institutions will gain a deeper understanding of cyber security principles, emerging attack vectors, and the latest defense mechanisms.

Topics to be Covered

- *Emerging Trends in Cyber Security*
- *Web Application Penetration Testing*
- *Mobile Application Penetration Testing*
- *Open Source Intelligence*
- *Network Security and Intrusion Detection*
- *Port Knocking*
- *Vulnerability Management*
- *Thick Client Pentesting*

REGISTRATION

Registration Fee Rs 500/-

PAYMENT DETAILS

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SCAN TO REGISTER

E-Certificate will be provided to active Participants