



*Ready for  
Every Good Work*

# **SACRED HEART COLLEGE (AUTONOMOUS)**

**Tirupattur – 635 601, Tamil Nadu, S.India**

**Resi : (04179) 220103**

**College : (04179) 220553**

**Fax : (04179) 226423**

---

A Don Bosco Institution of Higher Education, Founded in 1951 \* Affiliated to Thiruvalluvar University, Vellore \* Autonomous since 1987

Accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade

---

**Name of the Programme: PG Diploma in Cyber Security (PGDCS)**

S No	Title of the Paper	Course Code	Course Objectives	Course Outcomes	Relevance
1	Security Strategies in Operating Systems	CADC104	<ul style="list-style-type: none"> <li>To learn the fundamentals of security strategies in Operating Systems.</li> <li>To Learn Operating system security tools.</li> </ul>	<ul style="list-style-type: none"> <li>Observe and Discuss the basics of Information security.</li> <li>Recognize, Elicit and Apply the Authorization and access control</li> <li>Observe and Discuss about Laws and Regulations of the privacy policy</li> <li>Recognize and Apply the fundamentals of security strategies in Operating Systems.</li> <li>Demonstrate and Practice the concepts of the network security.</li> <li>Analyze and Evaluate the Operating system security tools</li> </ul>	<b>national developmental needs</b>
2	Network Cyber Security	CADC201	<ul style="list-style-type: none"> <li>To understand the basics of network cyber security.</li> <li>To learn the issues in wireless networks and internet.</li> </ul>	<ul style="list-style-type: none"> <li>Understand and Describe about the basic aspects of cyber security and Network security</li> <li>Describe and infer about the mechanisms of firewall, intrusion detection system and public cryptography.</li> <li>Apply various cryptographic techniques and analyze the protocols used.</li> </ul>	<b>national developmental needs</b>

				<ul style="list-style-type: none"><li>• Compare different types of firewalls</li><li>• Explore and understand different cyber threats</li><li>• Understand different defense mechanism and develop a model for a specific problem</li></ul>	
--	--	--	--	---	--