Compulsory Audit Course
Common to II\textsuperscript{nd} Year of All Technology Branches (Odd Semester) & Engineering Branches (Even Semester) of HBTI

CYBER SECURITY (ICS-303/ ICS 405)

\textbf{UNIT-1}

\textbf{UNIT-2}
Application security (Database, E-mail and Internet), Data Security Considerations-Backups, Archival Storage and Disposal of Data, Security Technology-Firewall and VPNs, Intrusion Detection, Access Control.
Security Threats - Viruses, Worms, Trojan Horse, Bombs, Trapdoors, Spoofs, E-mail viruses, Macro viruses, Malicious Software, Network and Denial of Services Attack, Security Threats to E-Commerce - Electronic Payment System, e-Cash, Credit/Debit Cards. Digital Signature, Public Key Cryptography.

\textbf{UNIT-3}

\textbf{UNIT-4}

\textbf{References:}
5. CHANDER, HARISH,"Cyber Laws And It Protection", PHI Learning Private Limited, Delhi,India