

Revised Syllabus of Courses of B.Com. (Banking & Insurance)

Semester III

SYBBI

Elective Course (EC)

5. Information Technology in Banking & Insurance I

Sr. No.	Modules / Units
1	Introduction to Electronic Commerce
	<p>A. E-Commerce Framework, E-Commerce and media convergence, anatomy of E-Commerce Applications, E-Commerce Consumer and Organization Applications</p> <p>B. The network Infrastructure for Electronic Commerce - Market forces influencing the I-way, Components of I-way, Network Access Equipment</p> <p>C. E-Commerce and World Wide Web- Architectural framework of E-Commerce, WWW and its architecture, hypertext publishing, Technology behind the web, Security and the Web</p>
2	E-banking
	<p>A. Meaning, definition, features, advantages and limitations- core banking, the evolution of e-banking in India, Legal framework for e-banking.</p> <p>B. Electronic Payment System Types of Electronic Payment Systems, Digital Token-based EPS, Smart Card EPS, Credit Card EPS, Risk in EPS, Designing a EPS</p>
3	MS-Office: Packages for Institutional Automation:
	<p>A. Ms-Word: Usage of smart art tools, bookmark, cross-reference, hyperlink, mail merge utility and converting word as PDF files.</p> <p>B. Ms-Excel: Manipulating data, Working with charts, Working with PIVOT table and what-if analysis; Advanced excel functions-Vlookup (),hlookup(),PV(), FV(),average(),goal seek(),AVERAGE(), MIN(), MAX(), COUNT(),COUNTA(), ROUND(), INT(), nested functions, name cells/ranges/constants,relative, absolute &mixed cell references, >,<,,=operators, Logical functions using if, and, or =, not, date and time functions & annotating formulae.</p> <p>C. Application in Banking and Insurance Sector – Calculation of Interest, Calculation of Instalment, Calculation of Cash Flow, Calculation of Premium, Calculation of risk coverage in Insurance and Reporting.</p>
4	Cyber Law & Cyber Security:
	<p>A. Need of Cyber Law, History of Cyber Law in India</p> <p>B. Cyber Crimes: Various threats and attacks, Phishing, Key Loggers, Identity Theft, Call & SMS forging, e-mail related crimes, Denial of Service Attacks, Hacking, Online shopping frauds, Credit card frauds, Cyber Stalking</p> <p>C. Cyber Security: Computer Security, E-Security, Password Security and Reporting internet fraud</p>