Revised Syllabus of Courses of B.Com. (Banking & Insurance)
Programme at Semester III
with Effect from the Academic Year 2017-2018

2A. Ability Enhancement Courses (AEC)

Information Technology in Banking & Insurance - I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Electronic Commerce	10
2	E-banking	15
3	MS-Office: Packages for Institutional Automation:	20
4	Cyber Law & Cyber Security	15
	Total	**60**

Sr. No.	Modules / Units
1	**Introduction to Electronic Commerce**
	A) E-Commerce Framework, E-Commerce and media convergence, anatomy of E-Commerce Applications, E-Commerce Consumer and Organization Applications B) **The network Infrastructure for Electronic Commerce -** Market forces influencing the I-way, Components of I-way, Network Access Equipment 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
2	**E-banking**
	A) Meaning, definition, features, advantages and limitations- core banking, the evolution of e-banking in India, Legal framework for e-banking. 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
3	**MS-Office: Packages for Institutional Automation**:
	A) **Ms-Word**: Usage of smart art tools, bookmark, cross-reference, hyperlink, mail merge utility and converting word as PDF files. 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. 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.
4	**Cyber Law & Cyber Security:**
	A) Need of Cyber Law, History of Cyber Law in India 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 C) **Cyber Security:** Computer Security, E-Security, Password Security and Reporting internet fraud