

<b>SY B. Com (Banking &amp; Insurance)</b>		<b>Semester III</b>	
<b>Course Name: Information Technology in Banking &amp; Insurance – II</b>		<b>Course Code: VGVUCFOE302</b>	
<b>Lectures per week (1 Lecture is of 60 minutes)</b>		<b>2</b>	
<b>Number of Credits</b>		<b>2</b>	
<b>Evaluation System</b>	<b>Assessment</b>	<b>Hours</b>	<b>Marks</b>
	<ul style="list-style-type: none"> <li><b>External Assessment</b></li> </ul>	<b>2</b>	<b>60</b>
	<ul style="list-style-type: none"> <li><b>Internal Assessment</b></li> </ul>	<b>-</b>	<b>40</b>

<b>Course Objectives:</b>	
<b>1</b>	To understand support of IT in basic and advanced banking technology.
<b>2</b>	To recognize the application of web-based technologies for e-commerce, electronic data transfer, security etc.
<b>3</b>	Acquaintance with the need and importance of cybercrime and cyber security.

	<b>Content</b>	<b>No. of Lectures</b>
<b>1</b>	<b>INDUCTION OF TECHNO MANAGEMENT</b>	<b>10</b>
	□ Development Life Cycle, Project Management, Building Data Centers, Role of DBMS in Banking, Data Warehousing and Data Mining, RDBMS Tools	
	Technological Changes in Indian Banking Industry, Trends in Banking and Information Technology, Technology in Banking, Lead Role of Reserve Bank of India, New Horizons for Banking based IT, Automated Clearing House Operations, Electronic Wholesale Banking Credit Transfer, Credit Information Bureau (I) Ltd., Credit Information Company Regulation Bill- 2004, Automation in Indian Banks, Cheque clearing using MICR technology, Innovations, Products and Services, Core Banking Solutions (CBS),	
	Technology in Banking Industry,	

	Teleconferencing, Internet Banking, Digital Signature in Banking, MICR- Facility for 'paper-based' clearing, Cheque Truncation	
	Dealing with Fraudulent transactions under CTS, Efficient customer service, smart quill computer pen, Institute for Development & Research in Banking & Technology (IDRBT)	
	E-Checks-Protocols and Standards, Problems on mechanization, e-Banking-RBI Regulations & Supervision, Technology Diffusion.	
2	<b>ELECTRONIC COMMERCE</b> Meaning, Advantages and Limitations of E Commerce, The role of Strategy in E Commerce, Value chains in E Commerce, Infrastructure for Electronic Commerce	10
3	<b>CYBER LAW &amp; CYBER SECURITY</b> Need of Cyber Law, History of Cyber Law in India Cybercrimes: 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 Cyber Security: Computer Security, E-Security, Password Security and Reporting internet fraud.	10
	Total	30

### Course Outcomes:

<b>CO1</b>	<b>Understand the importance of cyber laws and cyber security.</b>
<b>CO2</b>	<b>Have thorough understanding of the concepts of e-commerce and e banking.</b>
<b>CO3</b>	<b>Recognize how to use Microsoft Office Programs like MS excel in various banking activities.</b>
<b>CO4</b>	<b>Apply working knowledge of Cyber crimes and cyber security..</b>

### Recommended Resources

<b>Reference Books -</b>	<ul style="list-style-type: none"> <li>❖ <b>Information Technology for Management, 6TH ED (With CD) By Efraim Turban, Dorothy Leidner, Ephraim Mclean, James Wetherbe (Ch1, Ch2)</b></li> <li>❖ <b>Microsoft Office Professional 2013 Step by Step By Beth Melton, Mark Dodge, Echo Swinford, Andrew Couch</b></li> </ul>
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	<ul style="list-style-type: none"> <li>❖ Tata McGraw Hill Joseph, P.T. : E-commerce An Indian Perspective(Ch-13,Ch-14)</li> <li>❖ Computer Viruses and Related Threats: A Management Guide (Ch-2, Ch-3) By John P. Wack, LisaJ.Carnahan</li> <li>❖ Electronic Commerce - Technologies &amp; Applications. Bharat, Bhaskar</li> </ul>
<b>E-Resources</b> <b>Webliography:</b>	<ul style="list-style-type: none"> <li>❖ (EBook:<a href="https://play.google.com/books/reader?id=tsP15h9gr8MC&amp;printsec=frontcover&amp;output=reader&amp;hl=en&amp;pg=GBS.PR7.w.2.1.0">https://play.google.com/books/reader?id=tsP15h9gr8MC&amp;printsec=frontcover&amp;output=reader&amp;hl=en&amp;pg=GBS.PR7.w.2.1.0</a>)</li> <li>❖ <a href="https://play.google.com/books/reader?id=F1zbUaBtk7IC&amp;printsec=frontcover&amp;output=reader&amp;hl=en&amp;pg=GBS.PP1">https://play.google.com/books/reader?id=F1zbUaBtk7IC&amp;printsec=frontcover&amp;output=reader&amp;hl=en&amp;pg=GBS.PP1</a></li> </ul>

## EVALUATION PATTERN

### INTERNAL EVALUATION

#### • For Major, Minor, Open Elective (OE), Vocational & Skill Enhancement (VSEC) Courses

Sr. No.	Description	Marks
<b>I</b>	Class Test	15
	<b>Q.1 Objectives. (1 Mark each)</b> (Fill in the blanks / True or False / Match the Following)	
	<b>Q.2 Answer Any Two of the Three. (05 Marks each)</b> (Unit based theory questions)	
<b>II</b>	Project / Assignment / Presentation	15
<b>III</b>	Active participation in routine class instructional deliveries and overall conduct as a responsible learner, mannerism and articulation.	10
	<b>TOTAL MARKS</b>	<b>40</b>

**Note:** For OE from science faculty, practical examination of 40 marks will be conducted for Internal Evaluation.

#### • For Ability Enhancement (AEC) Courses

Sr. No.	Description	Marks
<b>I</b>	Project / Assignment / Presentation	10
<b>II</b>	Active participation in routine class instructional deliveries and overall conduct as a responsible learner, mannerism and articulation.	10
	<b>TOTAL MARKS</b>	<b>20</b>

#### • For Co - Curricular (CC) Courses

Sr. No.	Description	Marks
I	Class Test	15
II	Activities	35
	<b>TOTAL MARKS</b>	<b>50</b>
<ul style="list-style-type: none"> <li>For Field Project (FP), Community Engagement Programme (CEP) Courses</li> </ul>		
Sr. No.	Description	Marks
I	Weekly reporting (Minimum 4 hours/week)	15
II	Writing report	20
III	Viva-voce/presentation	15
	<b>TOTAL MARKS</b>	<b>50</b>

### EXTERNAL EVALUATION

<ul style="list-style-type: none"> <li>For Major, Minor, Open Elective (OE), Vocational &amp; Skill Enhancement (VSEC) Courses</li> </ul>		
<ul style="list-style-type: none"> <li>Maximum Marks: 60</li> <li>Questions to be set: 04</li> <li>Duration: 2 Hours</li> <li>All Questions are compulsory carrying 15 marks each</li> </ul>		
Q. No.	Description	Marks
Q.1	Full Length Question <b>OR</b> Full Length Question	15
Q.2	Full Length Question <b>OR</b> Full Length Question	15
Q.3	Full Length Question <b>OR</b> Full Length Question	15
Q.4	Full Length Question <b>OR</b> Full Length Question	15
	<b>TOTAL MARKS</b>	<b>60</b>
<p><b>Note:</b> Question of 15 marks can be further sub-divided into questions of 5/5/5, 8/7 or 10/5.</p>		
<ul style="list-style-type: none"> <li>For Ability Enhancement (AEC) Courses</li> </ul>		
Q. No.	Description	Marks
Q.1	Attempt any two out three: (5 marks each)	10
Q.2	Attempt any two out three: (5 marks each)	10
Q.3	Attempt any two out three: (5 marks each)	10
	<b>TOTAL MARKS</b>	<b>30</b>