



Gyanmanjari
Innovative University

Course Syllabus
Gyanmanjari Institute of Management Studies
Semester-6 (BBA)

Subject: Open Banking – BBAFT16323

Type of course: Major (Core)

Prerequisite:

Students should have basic knowledge of banking, digital payments, and financial services.

Rationale:

This course introduces students to the emerging concept of Open Banking, where banks securely share data with third-party providers using APIs. Students will learn how regulation, technology, and FinTech innovations are reshaping banking. The course develops skills in understanding regulatory frameworks, analyzing applications, and exploring challenges and opportunities in India and globally.

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks			Total Marks
CI	T	P		C	SEE	CCE	
			MSE			ALA	
4	0	0	4	100	30	70	200

Legends: CI-Classroom Instructions; T – Tutorial; P - Practical; C – Credit; SEE - Semester End Evaluation; MSE- Mid Semester Examination; V – Viva; CCE-Continuous and Comprehensive Evaluation; ALA- Active Learning Activities.

4 Credits * 25 Marks = 100 Marks (each credit carries 25 Marks)

SEE 100 Marks will be converted in to 50 Marks

CCE 100 Marks will be converted in to 50 Marks

It is compulsory to pass in each individual component.



Course Content:

Sr. No	Course content	Hrs.	% Weightage
1	Introduction to Open Banking <ul style="list-style-type: none"> • Definition of Open Banking • Evolution of Open Banking • Importance of Open Banking • Key Drivers: Technology, Regulation, Customer Demand • Comparison with Traditional Banking Models 	15	25
2	Regulatory and Policy Framework <ul style="list-style-type: none"> • RBI Guidelines on Open Banking • Global Standards: PSD2 (EU), UK Open Banking Data Privacy • Consumer Protection, and Legal Issues 	15	25
3	Technology and API Infrastructure <ul style="list-style-type: none"> • Application Programming Interfaces (APIs): \ • Concept of API • Role of API Standards • Security Protocols (OAuth, OpenID Connect) • FinTech-Bank Collaboration Models 	15	25
4	Applications and Future of Open Banking <ul style="list-style-type: none"> • Open Banking Use Cases: • Payments, Lending, Personal Finance Management Risks and Challenges: • Cybersecurity, Trust, Competition Future Trends: • Embedded Finance, Open Finance, Digital Ecosystems 	15	25



Continuous Assessment:

Sr. No	Active Learning Activities	Marks
1	Glossary: Students will Prepare a glossary of 10 Open Banking terms and upload PDF on GMIU web portal.	10
2	Analysis of Fintech App: Students will Analyze a FinTech app (Paytm, PhonePe, Razorpay, etc.) and explain how it uses APIs, and upload PDF report on GMIU web portal.	10
3	Report on RBI Guidelines: Students will prepare a Report on RBI's Open Banking guidelines vs. PSD2 (EU regulation) and upload PDF report on GMIU web portal.	10
4	Diagram Preparation: Students has to Create a diagram showing how APIs connect banks with third-party apps and upload PDF report on GMIU web portal.	10
5	Customer Awareness Survey: Students will Conduct a mini survey on customer awareness of Open Banking and prepare the analysis of survey. Upload PDF on GMIU web portal	10
6	Report on Future of Open Finance: Students needs to Prepare report on Future of Open Finance in India and submit pdf on GMIU web portal.	10
7	Attendance	10
	Total	70

Suggested Specification table with Marks (Theory): 100

Distribution of Theory Marks (Revised Bloom's Taxonomy)						
Level	Remembrance (R)	Understanding (U)	Application (A)	Analyze (N)	Evaluate (E)	Create (C)
Weightage	40%	40%	20%	0%	0%	0%

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.



Course Outcome:

After learning the course, the students should be able to:	
CO1	Explain the concept, benefits, and evolution of Open Banking.
CO2	Understand regulatory frameworks (RBI, PSD2, UK Standards) and compliance issues.
CO3	Describe the role of APIs, authentication, and cybersecurity in Open Banking.
CO4	Apply Open Banking concepts to payments, lending, and personal finance case studies.

Instructional Method:

The course delivery method will depend upon the requirement of content and the needs of students. The teacher, in addition to conventional teaching methods by black board, may also use any tools such as demonstration, role play, Quiz, brainstorming, MOOCs etc.

From the content 10% topics are suggested for flipped mode instruction. Students will use supplementary resources such as online videos, NPTEL/SWAYAM videos, e-courses. The internal evaluation will be done on the basis of Active Learning Assignment.

Practical/Viva examination will be conducted at the end of semester for evaluation of performance of students in the laboratory.

Reference Books:

- [1] Ghatak, A. (2021). Open Banking: A Consumer’s Perspective. Routledge.
- [2] Buhr, T. (2020). PSD2 in Practice: Open Banking and APIs. Springer.
- [3] Chishti, S., & Puschmann, T. (2018). The WEALTHTECH Book. Wiley.
- [4] Kochhar, S. (2022). FinTech and Digital Banking in India. McGraw Hill.
- [5] RBI Reports on FinTech and Digital Banking (Latest editions).
- [6] Open Banking Implementation Entity (UK). (n.d.). Standards and Guidelines.

