



BACHELOR OF SCIENCE

(B. S.)

FINTECH SYLLABUS

3 Years Programme



DETAILED COURSE LIST:

Major Courses (Compulsory Course – 4 Credits Each)

Course No.	Course Code	Course Title	Semester
101	MJ - 01	Introduction to Fintech & Fintech Platforms	1
102	MJ - 02	Indian Financial System	1
201	MJ - 03	Fintech Trends	2
202	MJ - 04	Banking Products	2
301	MJ - 05	Digital Banking	3
302	MJ - 06	Blockchain and Cryptocurrency	3
303	MJ – 07	Banking Operations	3
401	MJ – 08	Data Driven Fintech Analysis	4
402	MJ - 09	Cyber Security and Laws	4
403	MJ - 10	Insurance Products and Operations	4
501	MJ - 11	Big Data Analysis - I	5
502	MJ -12	International Finance	5
503	MJ - 13	Entrepreneurship and Start-up Management	5
601	MJ - 14	Big Data Analysis - II	6
602	MJ - 15	Algorithm Design	6
603	MJ - 16	Modern Frontends Development	6

Minor Courses

(Compulsory Course – 4 Credits Each)

Course No.	Course Code	Course Title	Semester
103	MN - 01	Corporate Accounting	1
203	MN - 02	Accounting for Business Decisions	2
404	MN - 03	Corporate Finance	4
504	MN - 04	Income Tax Law	5
505	MN - 05	Auditing	5
604	MN - 06	Sustainability Management	6

Multidisciplinary Courses

(Elective Course – 4 Credits Each)

Course No.	Course Code	Course Title	Semester
104	MD - 01	Macro Economics	1
204	MD - 02	Statistics	2
304	MD - 03	Business Law	3

Ability Enhancement Courses

(Elective Course – 2 Credits Each)

Course No.	Course Code	Course Title	Semester
105	AE - 01	OO Programming using Java& Data Structures	1
205	AE - 02	Fundamentals of Linux & Kotlin	2
305	AE - 03	Microservices Backend-I	3
405	AE - 04	Microservices Backend-II	4
605	AE - 05	Risk Management	6

Skill Enhancement Courses

(Elective Course – 2 Credits Each)

CourseNo.	Course Code	Course Title	Semester
106	SE - 01	Yoga in Practice	1
206	SE - 02	Basics of IT Tools& Spreadsheets	2
306	SE - 03	Advance Spreadsheet Tools	3
406	SE - 04	Financial Modelling	4
506	SE - 05	Design Thinking	5

Value Added Courses

(Elective Course – 2 Credits Each)

Course No.	Course Code	Course Title	Semester
207	VA - 01	Sports and Fitness	2
407	VA - 02	Thinking and Problem Solving	4

Indian Knowledge System

(Elective Course – 2 Credits Each)

Course No.	Course Code	Course Title	Semester
107	IKS - 01	Vedic Mathematics	1
307	IKS - 02	Indian Ethics and Culture	3