

School of Arts, Humanities and Commerce, Kochi

Undergraduate Programme in

B. Com (Honours) in FINTECH

For 2022 admission onwards Curriculum

Programme Educational Objectives

After successful completion of three-year B. Com (Honours) in FINTECH programme, a student will:

PO 1: Understand the various key concepts, business models and technologies of the FinTech, which are emerging areas in the Financial Services industry.

PO 2: Acquire the right set of skills and knowledge in FinTech, which is required in the digitalized finance services industry.

PO 3: Explore new opportunities based on cutting-edge FinTech concepts and practices.

Programme Specific Outcomes

After successful completion of three year B.Com (Honours) in FINTECH programme the graduate will be able to:

PSO 1: demonstrate various skills set pertaining to disciplines of finance, accounting, investment, management, economics, communication, law and taxation etc.

PSO 2: showcase ethical values while performing responsibilities as a professional by using mathematical, analytical, and statistical and information technology tools.

PSO 3: understand the benefit of Risk and Portfolio Management through application of different investment theories and models to evaluate various investment avenues.

PSO 4: utilize the skills of Artificial Intelligence, Machine Learning and Block-Chain Technology to build a platform for financial trading.

PSO 5: examine how data-driven decision making is used for better strategies to create maximum impact.

PSO 6: illustrate how FinTech can transform business models, improve customer experience, generate insights and drive product-service innovation.

Programme Outcome (PO)

After successful completion of course student will be able to:

PO1– Understand the various key concepts, business models and technologies of the FinTech, which are emerging areas in the Financial Services industry.

PO2– Explore new opportunities based on cutting-edge FinTech concepts and practices.

PO3– Understand and evaluate the impact of FinTech on financial sectors such as banking, insurance, asset and wealth management and financial infrastructure etc.

PO4– Learn how FinTech can transform business models, improve customer experience,

generate insights and drive product-service innovation.
 PO5– Apply data-driven decision making for better strategies to create maximum impact.
 PO6– Understand how artificial intelligence, machine Learning and block-chain technology are used in financial trading.

EXIT OPTIONS AND CREDIT REQUIREMENTS

Exit With	Credit Requirement
BACHELOR OF COMMERCE in FINTECH DEGREE at successful completion of Third year (six semesters) of the four years undergraduate Degree Programme.	147
BACHELOR OF COMMERCE WITH HONORS IN FINTECH at the successful completion of Four Year (Eight semesters) of the Four years undergraduate Degree Programme.	179

To ensure the quality, the student should meet the minimum CGPA of 7.5 CGPA will be allowed to continue studies in the fourth year of the undergraduate programme leading to bachelor’s degree (Research).

Code Numbering:

Each course is assigned an 8-character Code number. The first two digits indicate the year of curriculum revision. The next three letters indicate the Department offering the course. The last three digits are unique to the course – the first digit indicates the level of the course (100, 200, 300, 400 etc.); the second digit indicates the type of the course, viz. 0, 1 and 2 indicate the core courses; 3,4,5,6 and 7 indicate the Elective courses; 8 indicates the Lab. Or practical-based courses and 9 indicates Projects.

ABBREVIATIONS USED IN THE CURRICULUM:

- Cat - Category
- Cr - Credits
- ES - Exam Slot
- L - Lecture
- P - Practical
- T - Tutorial

SEMESTER I						
Course Code	Course Title	DSC/DSE/OE/AEC C/SEC/VAC	Theory/ Practical	L T P	Cr	ES

	Language I	AECC	T	2 0 0	2	
21ENG101	Communicative English	AECC	T	2 0 2	3	
22COM101	Introduction to Financial Technology	DSC	T	2 1 0	3	
21COM103	Introduction to GST	DSC	T	3 1 0	3	
21COM101	Accountancy	DSC	T	3 1 0	4	
21ECO102	Economics for Decision Making	DSC	T	3 0 0	3	
21MAT108	Mathematics for Business	DSC	T	2 1 0	3	
22ADM101	Foundations of Indian Heritage	VAC	T	2 0 0	2	
21CSA184	Business skill using PC Lab	SEC	P	0 0 3	2	
				Total Credits (A)	25	

SEMESTER II

Course Code	Course Title	DSC/DSE/OE/AEC C/SEC/VAC	Theory/ Practical	L T P	Cr	ES
	Language II	AECC	T	2 0 0	2	
21ENG111	Professional Communication	AECC	T	1 0 2	2	
21ENV200	Environmental Science and Sustainability	AECC	T	3 0 0	3	
21COM111	Advanced Accountancy	DSC	T	3 1 0	4	
21BUS114	Banking and Insurance	DSC	T	2 1 0	3	
21LAW114	Company Law	DSC	P	2 1 0	3	
21MAT113	Business Statistics and Operations Research	DSC	P	3 1 0	4	
22ADM111	Glimpses of Glorious India	VAC	T	2 0 0	2	
22CUL100	Yoga	VAC	P	0 0 2	2	
22AVP103	Mastery Over Mind	VAC		1 0 2	2	
				Total credits (B)	27	

SEMESTER III

Course Code	Course Title	DSC/DSE/OE/AEC C/SEC/VAC	Theory/ Practical	L T P	Cr	ES
21COM201	Corporate Accounting	DSC	T	3 1 0	4	
21COM202	Direct Taxes	DSC	T	3 1 0	4	
21COM203	Fundamentals of Costing	DSC	T	3 1 0	4	
21LAW208	Mercantile Laws	DSC	T	2 1 0	3	
21BUS203	Introduction to Research Projects	DSC	T	2 1 0	3	
22COM204	FinTech in Personal Financial Management	DSC	T	3 0 0	3	
21SSK201	Life Skills I	SEC	T	1 0 2	2	
	Amrita Value Programme I	VAC	T	1 0 0	1	
				Total Credits (C)	24	

SEMESTER IV

Course Code	Course Title	DSC/DSE/OE/AEC C/SEC/VAC	Theory/ Practical	L T P	Cr	ES
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21COM212	Management Accounting	DSC	T	3 1 0	4	
22COM211	Business Analytics	DSC	T	3 0 1	4	
22COM212	Business Transformation using Artificial Intelligence	DSC	T	3 0 0	3	
22CSA282	Accounting Package - Tally Lab	AECC	P	1 0 2	2	
22LAW211	Cyber Law	DSC	T	2 1 0	3	
22COM290 [@]	Open Elective/ Live in Lab [@]	OE	T	3 0 0	3	
21SSK211	Life Skills II	SEC	T	1 0 2	2	
	Amrita Value Programme II	VAC	T	1 0 0	1	
				Total Credits (D)	22	

SEMESTER V

Course Code	Course Title	DSC/DSE/OE/AEC C/SEC/VAC	Theory/ Practical	L T P	Cr	ES
21BUS212	Principles of Financial Management	DSC	T	3 1 0	4	
22COM302	Block Chain and Crypto Currency Fundamentals	DSC	T	3 1 0	4	
21COM301	Auditing Principles and Practices	DSC	T	2 1 0	3	
	Elective	DSE	T	3 0 0	3	
	Elective	DSE	T	3 0 0	3	
22COM390 [@]	Open Elective/ Live in Lab [@]	OE	T	3 0 0	3	
21CSA284	Data Analysis using Excel Lab	AECC	T	0 0 3	2	
21SSK301	Life Skills III	SEC	T	1 0 2	2	
				Total Credits (E)	24	

SEMESTER VI

Course Code	Course Title	DSC/DSE/OE/AEC C/SEC/VAC	Theory/ Practical	L T P	Cr	ES
21COM313	Capital Market and Financial Services	DSC	T	2 1 0	3	
21COM302	Introduction to International Financial Reporting Standards	DSC	T	3 0 0	3	
21BUS311	Entrepreneurship Development	DSC	T	4 0 0	4	
22COM398	Summer Internship in BFSI	DSC	P		6	
	Elective	DSE	T	3 0 0	3	
	Elective	DSE	T	3 0 0	3	
	Elective	DSE	T	3 0 0	3	
				Total credits (F)	25	

BACHELOR OF COMMERCE IN FINTECH (after 3 years: 147 Credits)

AWARD OF B.COM in FINTECH (after 3 years: 147 Credits)

Grand Total of A+B+C+D+E+F = 147 Credits

SEMESTER VII

Course Code	Course Title	DSC/DSE/OE/AE CC/SEC/VAC	Theory/ Practical	L T P	Cr	ES
21COM337	Project Finance	DSC	T	3 0 0	3	

22COM481	Analysis of Statistical Tools Lab	AECC	P	0 0 3	1					
22COM401	Advanced Research Methodology	DSC	T	3 0 0	3					
21COM333	Forensic Accounting and Fraud Management	DSC	T	3 0 0	3					
			Total Credits (G)		10					
SEMESTER VIII										
Course Code	Course Title	DSC/DSE/OE/AE CC/SEC/VAC	Theory/ Practical	L T P	Cr	ES				
22COM498	Research Seminar	DSC	P		10					
22COM499	Research Project	DSC	P		12					
			Total Credits (H)		22					
AWARD OF B.COM (HONOURS) in FINTECH (after 4 years: 179 Credits)										
Grand Total of A+B+C+D+E+F+G+H = 179 Credits										
LANGUAGES										
	Paper I				Paper II					
	21HIN101	Hindi I	2 0 0	2	B	21HIN111	Hindi II	2 0 0	2	B
	21KAN101	Kannada I	2 0 0	2	B	21KAN111	Kannada II	2 0 0	2	B
	21MAL101	Malayalam I	2 0 0	2	B	21MAL111	Malayalam II	2 0 0	2	B
	21SAN101	Sanskrit I	2 0 0	2	B	21SAN111	Sanskrit II	2 0 0	2	B
	21TAM101	Tamil I	2 0 0	2	B	21TAM111	Tamil II	2 0 0	2	B

Discipline Specific Electives:

Course Code	Course Title	L T P	Cr	DSC/DSE/OE/AE C/SEC/VAC
21BUS356	Introduction to Digital Marketing	3 0 0	3	DSE
21BUS357	Social Media Marketing	3 0 0	3	DSE
21BUS353	Digital Media Laws	3 0 0	3	DSE
21BUS341	International E-Commerce	3 0 0	3	DSE
21BUS358	Web Technologies and E-Commerce	3 0 0	3	DSE
22COM331	Financial Modeling	3 0 0	3	DSE
21COM334	Introduction to International Finance	3 0 0	3	DSE
21COM331	Corporate Finance	3 0 0	3	DSE
21COM332	Entrepreneurial Finance	3 0 0	3	DSE
21COM338	Public Finance	3 0 0	3	DSE
21BUS361	Communication for Managers	3 0 0	3	DSE
21BUS363	Human Resource Management Concepts	3 0 0	3	DSE
21BUS364	Applied Organizational Behavior	3 0 0	3	DSE
21BUS362	Hospital Management	3 0 0	3	DSE

- DSC - Discipline Specific Course
DSE - Discipline Specific Elective
OE - Open Elective
AECC - Ability Enhancement Compulsory Courses

SEC - Skill Enhancement Courses

VAC - Value Addition Courses

Amrita Value Programmes for UG programmes			
Amrita Value Programme I & II			
Course Code	Title	L-T-P	Credits
22ADM201	Strategic Lessons from Mahabharatha	1-0-0	1
22ADM211	Leadership from Ramayana	1-0-0	1
22AVP210	Kerala Mural Art and Painting	1-0-0	1
22AVP218	Yoga Therapy and Lessons	1-0-0	1
22AVP212	Introduction to Traditional Indian Systems of Medicine	1-0-0	1
22AVP201	Amma's Life and Message to the modern world	1-0-0	1
22AVP204	Lessons from the Upanishads	1-0-0	1
22AVP205	Message of the Bhagavad Gita	1-0-0	1
22AVP206	Life and Message of Swami Vivekananda	1-0-0	1
22AVP207	Life and Teachings of Spiritual Masters of India	1-0-0	1
22AVP208	Insights into Indian Arts and Literature	1-0-0	1
22AVP213	Traditional Fine Arts of India	1-0-0	1
22AVP214	Principles of Worship in India	1-0-0	1
22AVP215	Temple Mural Arts in Kerala	1-0-0	1
22AVP218	Insights into Indian Classical Music	1-0-0	1
22AVP219	Insights into Traditional Indian Painting	1-0-0	1
22AVP220	Insights into Indian Classical Dance	1-0-0	1
22AVP221	Indian Martial Arts and Self Defense	1-0-0	1
22AVP209	Yoga and Meditation	1-0-0	1

Open Electives UG				
Course Code	Course Title	L – T – P	Cr.	ES
21OEL231	A Journey towards Free India	3 0 0	3	J
21OEL232	Political Leadership	3 0 0	3	J
21OEL233	Social issues in Contemporary India	3 0 0	3	J
21OEL234	The Story of Indian Business	3 0 0	3	J
21OEL235	Industrial Psychology	3 0 0	3	J
21OEL236	Advertising	3 0 0	3	J
21OEL237	Basic Statistics	3 0 0	3	J
21OEL238	Citizen Journalism	3 0 0	3	J
21OEL239	Creative Writing for Beginners	3 0 0	3	J
21OEL240	Desktop Support and Services	3 0 0	3	J
21OEL241	Development Journalism	3 0 0	3	J
21OEL242	Digital Photography	3 0 0	3	J
21OEL243	Emotional Intelligence	3 0 0	3	J
21OEL244	Essence of Spiritual Literature	3 0 0	3	J
21OEL245	Film Theory	3 0 0	3	J
21OEL246	Fundamentals of Network Administration	3 0 0	3	J
21OEL247	Gender Studies	3 0 0	3	J
21OEL248	Glimpses of Indian Economy and Polity	3 0 0	3	J
21OEL249	Graphics and Web-designing Tools	3 0 0	3	J
21OEL250	Green Marketing	3 0 0	3	J
21OEL251	Healthcare and Technology	3 0 0	3	J

21OEL252	History of English Literature	3 0 0	3	J
21OEL253	Indian Writing in English	3 0 0	3	J
21OEL254	Industrial Relations and Labour Welfare	3 0 0	3	J
21OEL255	Introduction to Ancient Indian Yogic and Vedic Wisdom	3 0 0	3	J
21OEL256	Introduction to Computer Hardware	3 0 0	3	J
21OEL257	Introduction to Event Management	3 0 0	3	J
21OEL258	Introduction to Media	3 0 0	3	J
21OEL259	Introduction to Right to Information Act	3 0 0	3	J
21OEL260	Introduction to Translation	3 0 0	3	J
21OEL261	Linguistic Abilities	3 0 0	3	J
21OEL262	Literary Criticism and Theory	3 0 0	3	J
21OEL263	Macro Economics	3 0 0	3	J
21OEL264	Managing Failure	3 0 0	3	J
21OEL265	Media Management	3 0 0	3	J
21OEL266	Micro Economics	3 0 0	3	J
21OEL267	Micro Finance, Small Group Management and Cooperatives	3 0 0	3	J
21OEL268	Negotiation and Counselling	3 0 0	3	J
21OEL269	New Literatures	3 0 0	3	J
21OEL270	Non-Profit Organization	3 0 0	3	J
21OEL271	Personal Effectiveness	3 0 0	3	J
21OEL272	Perspectives in Astrophysics and Cosmology	3 0 0	3	J
21OEL273	Principles of Marketing	3 0 0	3	J
21OEL274	Principles of Public Relations	3 0 0	3	J
21OEL275	Science, Society and Culture	3 0 0	3	J
21OEL276	Statistical Analysis	3 0 0	3	J
21OEL277	Teamwork and Collaboration	3 0 0	3	J
21OEL278	The Message of Bhagwad Gita	3 0 0	3	J
21OEL279	Understanding Travel and Tourism	3 0 0	3	J
21OEL280	Videography	3 0 0	3	J
21OEL281	Vistas of English Literature	3 0 0	3	J
21OEL282	Web-Designing Techniques	3 0 0	3	J
21OEL283	Organic Farming	3 0 0	3	J
21OEL284	Basic Legal Awareness on Protection of Women and Rights	3 0 0	3	J
21OEL285	Ritual Performances of Kerala	3 0 0	3	J
21OEL286	Documenting Social Issues	3 0 0	3	J
21OEL287	Fabrication of Advanced Solar Cell	3 0 0	3	J
21OEL288	Basic Concepts of X-ray Diffraction	3 0 0	3	J
21OEL289	Introduction to FORTRAN and GNUPLOT	3 0 0	3	J
21OEL290	Introduction to Porous Materials	3 0 0	3	J
21OEL291	Forensic Science	3 0 0	3	J
21OEL292	Introduction to solar Physics	3 0 0	3	J
21OEL293	Recycling Recovery and Treatment Methods for Wastes	3 0 0	3	J
21OEL294	Acting and Dramatic Presentation	2 0 2	3	J
21OEL295	Computerized Accounting	2 0 2	3	J
21OEL296	Kerala Mural Art and Painting	2 0 2	3	J
21OEL297	Painting	2 0 2	3	J
21OEL298	Reporting Rural Issues	3 0 0	3	J

Summer Internship in BFSI

Course Outcome:

1. To acquire industry experience
2. To acquire practical knowledge and understanding in BFSI sector.

Every student should undergo Internship training during the summer vacation. This Internship shall be for 25 days. During this Internship, every student should attach himself/ herself with any BFSI sector. The objective of the Internship training is to give the students a hands-on experience of real-life business operations. At the end of the sixth Semester, each student should submit an Internship Training Report explaining clearly what each student has learnt during the Internship period. The Internship Report and the Viva-Voce Examination will be evaluated by the concerned Faculty Guide.

Research Project

In the eighth semester each student shall undertake project work and prepare project report and portfolio strictly in accordance with the guidelines in their respective area under the supervision of a faculty. The students are required to maintain a project work diary to be submitted for evaluation. The project report must be submitted before the commencement of eighth semester examination, failing which the student shall not be permitted to appear for the examination. Project reports completed during the semester will be evaluated by an examiner.

Research Seminar

Research Seminar is a capstone experience, in which candidates identify a research topic, conduct comprehensive literature reviews, and then develop a substantial written Research Seminar Paper. This has to be done in the eighth semester. The reports and presentation shall be prepared under the faculty supervision of the department and submitted in 8th semester for evaluation.