

Symbiosis Centre for Information Technology, Pune
Master of Business Administration (Information Technology Business Management)
Programme Structure 2024-26

1.	OBJECTIVE	MBA in Information Technology Business Management (ITBM) aims at developing Management professionals for IT Businesses and their specialized streams. The program builds Management skills and reinforces IT skills to create Leaders, Managers & Entrepreneurs in the IT products & services domain. This program will also enable students to gain in-depth knowledge in any one of the niche areas such as Information Security Management(ISM), Systems (SYS), Digital Transformation (DT), and Data Science(DS). Information Security Management Stream addresses designing, developing, evaluating security solutions for an information-secure and compliant organization. Digital Transformation specialization aims at understanding how and why digital technologies are the predominant factors that are revolutionizing and transforming products, services, operations, and business models. Systems looks at mapping clients' expectations with project deliverables toward managing and delivering quality-compliant and innovative IT products and services. Data Science will be enabling an end-to-end understanding of the significance of analytics to support managerial decision-making.				
2.	DURATION (IN MONTHS)	24 (Full Time)				
3.	INTAKE	180				
4.	RESERVATION	I.Within the sanctioned intake	a) SC (In Percentage)	b) ST (In Percentage)	c) Differently abled (In Percentage)	d) Defence (In Percentage)
			15	7.5	3	5
		II.Over and above the sanctioned intake	a) Kashmiri Migrants (In Seats)		b) International Students (In Percentage)	
			2		20	
5.	ELIGIBILITY	Graduate from any recognised University/ Institution of National Importance with a minimum of 50% marks or equivalent grade (45% marks or equivalent grade for Scheduled Caste / Scheduled Tribes).				
6.	SELECTION PROCEDURE	Performance in SNAP test, Group Exccercise and Personal interaction, Past academic record, work experience.				
7.	MEDIUM OF INSTRUCTION	English				
8.	PROGRAMME PATTERN	Semester				
9.	COURSE & SPECIALISATION	As per Annexure A				
10.	FEE		Academic Fee p.a	Institute Deposit	Total	

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	Indian Students (Amount in INR)		728000	20000	748000			
	International Students	NRI/ PIO/ OCI Category (Amount in US\$)	13950	275	14225			
		Foreign National Category (Amount in US\$)	2600	275	2875			
11.	ASSESSMENT	The courses will have 60% Continuous Assessment and 40% Term End [University] examination however, some courses (not more than 30% of the total programme credits) may have 100% Continuous Assessment.						
12.	STANDARD OF PASSING	The assessment of the student for each examination is done, based on relative performance. Maximum Grade Point (GP) is 10 corresponding to O (Outstanding). For all courses, a student is required to pass both internal and external examination separately with a minimum Grade Point of 4 corresponding to Grade P. Students securing less than 40% absolute marks in each head of passing will be declared FAIL. The University awards a degree to the student who has achieved a minimum CGPA of 4 out of maximum of 10 CGPA for the programme.						
13.	AWARD OF DEGREE	Master of Business Administration (Information Technology Business Management) will be awarded at the end of semester 4 examination by taking into consideration the performance of all semester examinations after obtaining minimum 4.00 CGPA out of 10 CGPA.						
14.	CLASSIFICATION OF CREDITS							
Semester	Generic Core	Generic Elective	Specialisation Core	Specialisation Elective	Open Elective	Mandatory Non-Credit Course/s	Non-Letter Grade Audit Course/s	Total
Common								
1	20	0	0	0	6	0	As per the student's choice	26
2	24	0	0	0	6	1		30
3	22	0	0	0	6	1		28
4	10	0	0	0	6	0		16
Total	76	0	0	0	24	0		100
The revised programme structure supersedes the previously approved programme structure dated 07/09/2024 for the programme.								

This Programme Structure is aligned with the norms laid down by the University and is approved by the Academic Council.
Hereafter changes (if any) which conform to the policy on "Curriculum Development and Review" would be permissible, subject to revision of the Programme Structure, following the specified processes.

Director - Academics

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Annexure A

Catalog Course Code	Course Code	Course Title	Specialisation	Credit	Continuous Assessment	Term End Examination	Total Marks
Semester : 1							
Generic Core Courses							
T3288	0302410101	Business Process Management		2	100	0	100
T2216	0302410102	Business Statistics		2	60	40	100
T2114	0302410103	Essentials of Marketing Management		2	60	40	100
T2498	0302410104	Financial Statement Analysis		2	60	40	100
T3036	0302410105	Information Risk Management		2	60	40	100
T3060	0302410106	IT Infrastructure Essentials		2	100	0	100
T2560	0302410107	Principles and Practices of Management		2	60	40	100
T3286	0302410108	Requirements Management		2	100	0	100
T2225	0302410109	Research Methodology		2	100	0	100
T3437	0302410110	Domain Study(BFSI)		2	100	0	100
Total				20	800	200	1000
Open Elective Course Group (Choose any two courses)							
T3034	0302410112	Database and Application Security	Information Security Management	3	90	60	150
T3615	0302410113	Platform and Network Security	Information Security Management	3	90	60	150
T3364	0302410114	Data Management	Data Science	3	90	60	150
T3447	0302410115	Machine learning	Data Science	3	90	60	150
T3108	0302410116	Software Development Methodologies	Systems	3	90	60	150
T3661	0302410117	Business Process Integration in SAP S/4 HANA	Systems	3	90	60	150
T3724	0302410118	Business Model Innovations	Digital Transformation	3	90	60	150
T3729	0302410119	Digital Technology Transformation	Digital Transformation	3	90	60	150
Total Required Credits				6	180	120	300
Semester : 2							
Generic Core Courses							
T2778	0302410201	Basics of Financial Management		2	60	40	100
T3079	0302410202	Business Analytics		2	60	40	100
T2572	0302410203	Human Resource Management		2	60	40	100
T3061	0302410204	IT Infrastructure Library		2	60	40	100

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T3287	0302410205	IT Strategy		2	60	40	100
T3094	0302410206	Project Management		2	60	40	100
T2253	0302410207	Strategic Management		2	60	40	100
T6075	0302410208	Managerial Economics		2	60	40	100
T3802	0302410209	Pilot Project		2	100	0	100
T2658	0302410210	Design Thinking		2	100	0	100
T3090	0302410211	Computing Tools		1	50	0	50
T3353	0302410212	Internet-of-Things		1	50	0	50
T3038	0302410213	IT Audit		1	50	0	50
T3760	0302410214	Immersive Technologies, Applications and Issues		1	50	0	50
TH4788	0302410223	Health and Wellness Module I		0	0	0	Mandatory Non-Credit Course
Total				24	880	320	1200
Open Elective Course Group (Choose any two courses)							
T3040	0302410215	GRC and Industry Standards	Information Security Management	3	90	60	150
T3029	0302410216	Access Control and VAPT	Information Security Management	3	90	60	150
TM2105	0302410217	Financial Analytics	Data Science	3	90	60	150
T3363	0302410218	Multivariate Data Analysis	Data Science	3	90	60	150
T3100	0302410219	Application Portfolio Management	Systems	3	90	60	150
T3103	0302410220	Enterprise Architecture	Systems	3	90	60	150
T3728	0302410221	Digital Leadership	Digital Transformation	3	90	60	150
T3670	0302410222	Digital Transformation Frameworks	Digital Transformation	3	90	60	150
Total Required Credits				6	180	120	300
Semester : 3							
Generic Core Courses							
T3908	0302410301	Summer Internship		8	240	160	400
T2353	0302410302	Entrepreneurship		2	60	40	100
T3082	0302410303	IT Consulting		2	60	40	100
T2416	0302410304	Sustainability Standards - Application, Analysis and Reporting		2	60	40	100

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T3547	0302410305	Industry 4.0		2	60	40	100
T3548	0302410306	Block Chain Technology		2	100	0	100
F0002	0302410307	Flexi-Credit Course		2	100	0	100
T3659	0302410308	Robotic Process Automation		1	50	0	50
T3735	0302410309	Business Process Mining		1	50	0	50
TH4789	0302410319	Health and Wellness Module II		0	0	0	Mandatory Non-Credit Course
Total				22	780	320	1100
Open Elective Courses Group (Choose any two courses)							
T3032	0302410310	Computer Forensics - Detection and Prevention of IT Frauds	Information Security Management	3	90	60	150
T3043	0302410311	Resilience Management, BCP and CRM	Information Security Management	3	90	60	150
T3722	0302410312	Cloud Security	Information Security Management	3	90	60	150
T3367	0302410313	Social Media Analytics	Data Science	3	90	60	150
T3309	0302410314	Big Data Analytics	Data Science	3	90	60	150
T3104	0302410315	IT Products	Systems	3	90	60	150
T3431	0302410316	DevOps Services	Systems	3	90	60	150
T3723	0302410317	Data Privacy and Protection	Digital Transformation	3	90	60	150
T3679	0302410318	Digital Audit and Quality Control	Digital Transformation	3	90	60	150
Total Required Credits				6	180	120	300
Semester : 4							
Generic Core Courses							
T2236	0302410401	Corporate Governance and Ethics		2	60	40	100
T3451	0302410402	Data Visualization and Modeling		2	100	0	100
T3087	0302410403	Legal Aspects of IT Business		2	60	40	100
F0002	0302410404	Flexi-Credit Course		2	100	0	100
T2143	0302410405	Services Marketing		2	100	0	100
Total				10	420	80	500

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Open Elective Course Group (Choose any two courses)							
T3330	0302410406	Cyber Intelligence	Information Security Management	3	90	60	150
T3616	0302410407	IoT and Hardware Security	Information Security Management	3	90	60	150
T3464	0302410408	HR Analytics	Data Science	3	90	60	150
T3559	0302410409	Marketing Analytics	Data Science	3	90	60	150
T3131	0302410410	Global IT Delivery Models	Systems	3	90	60	150
T3110	0302410411	Technology Management	Systems	3	90	60	150
T3731	0302410412	Total Experience Strategy	Digital Transformation	3	90	60	150
T3667	0302410413	Digital transformation in Health Care	Digital Transformation	3	90	60	150
Total Required Credits				6	180	120	300

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Information Security Management				
Semester 1	10	16	26	1300
Semester 2	8	22	30	1500
Semester 3	6	22	28	1400
Semester 4	6	10	16	800
Total	30	70	100	5000
Data Science				
Semester 1	10	16	26	1300
Semester 2	8	22	30	1500
Semester 3	6	22	28	1400
Semester 4	6	10	16	800
Total	30	70	100	5000
Systems				
Semester 1	10	16	26	1300
Semester 2	8	22	30	1500
Semester 3	6	22	28	1400
Semester 4	6	10	16	800
Total	30	70	100	5000
Digital Transformation				
Semester 1	10	16	26	1300
Semester 2	8	22	30	1500
Semester 3	6	22	28	1400
Semester 4	6	10	16	800
Total	30	70	100	5000