



**Symbiosis Institute of Digital and Telecom Management, Pune**  
**Master of Business Administration (Digital and Telecom Management)**  
**Programme Structure 2022-24**

1.	<b>OBJECTIVE</b>	To develop Telecom Business Leaders who can handle the ever-changing telecom technology and business environment.				
2.	<b>DURATION (IN MONTHS)</b>	24 (Full Time)				
3.	<b>INTAKE</b>	150				
4.	<b>RESERVATION</b>	<b>I. Within the sanctioned intake</b>	<b>a) SC (In Percentage)</b>	<b>b) ST (In Percentage)</b>	<b>c) Differently abled (In Percentage)</b>	<b>d) Defence (In Percentage)</b>
			15	7.5	3	5
		<b>II. Over and above the sanctioned intake</b>	<b>a) Kashmiri Migrants (In Seats)</b>	<b>b) International Students (In Percentage)</b>		
			2	15		
5.	<b>ELIGIBILITY</b>	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.	<b>SELECTION PROCEDURE</b>	Symbiosis National Aptitude Test score, Academic Profile Score, Personal Interaction and Writing Ability Test (PI-WAT)				
7.	<b>MEDIUM OF INSTRUCTION</b>	English				
8.	<b>PROGRAMME PATTERN</b>	Semester				
9.	<b>COURSE &amp; SPECIALIZATION</b>	As per Annexure A Specializations Offered: * Systems and Finance * Marketing and Finance * Analytics and Finance While Finance Specialization is compulsory for all, students may choose one specialization from: Systems / Marketing / Analytics.				
10.	<b>FEE</b>		<b>Academic Fee p.a</b>	<b>Institute Deposit</b>	<b>Total</b>	
		<b>Indian Students</b>	688000	20000	708000	
		<b>International Students (USD equivalent to INR)</b>	1030000	20000	1050000	
11.	<b>ASSESSMENT</b>	All Internal Courses will have 100% component as internal evaluation at the Institute level. All External Courses will have 60% internal component and 40% component as external [University] examination.				
12.	<b>STANDARD OF PASSING</b>	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.	<b>AWARD OF DEGREE/ DIPLOMA/ CERTIFICATE</b>	Master of Business Administration (Digital and Telecom Management) will be awarded at the end of IV semester examination by taking into consideration the performance of all 4 semesters examinations after obtaining minimum 4 CGPA out of 10 CGPA.					
14.	<b>CLASSIFICATION OF CREDITS</b>						
Semester	Generic Core	Generic Elective	Specialization Core	Specialization Elective	Open Elective	Audit	Total
1	20	0	4	0	0	1*	24
2	19	0	6	4	0	0	29
3	17	4	4	4	0	1*	29
4	14	0	4	0	0	0	18
<b>Total</b>	<b>70</b>	<b>4</b>	<b>18</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>100</b>
* Satisfactory completion of the non letter grade courses 'Integrated Disaster Management', 'Research Publication' is mandatory for award of degree.							

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.

Head - Academics

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Celebrating 50 Years of Excellence

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**Annexure A**

Catalog Course Code	Course Code	Course Title	Specialization	Credit	Internal Marks	External Marks	Total Marks
<b>Semester : 1</b>							
<b>Generic Core Courses</b>							
T2239	0205420101	Business Communication		2	60	40	100
T2216	0205420102	Business Statistics		2	60	40	100
T2114	0205420103	Essentials of Marketing Management		2	60	40	100
T3170	0205420104	Information Systems for Telecom Business		2	60	40	100
T3174	0205420105	Network Concepts and Components		2	60	40	100
T2560	0205420106	Principles and Practices of Management		2	60	40	100
T6075	0205420107	Managerial Economics		2	60	40	100
T2869	0205420108	Introduction to Telecom Technologies		2	60	40	100
T3353	0205420109	Internet-of-Things		1	50	0	50
T2219	0205420110	Operations Research		1	50	0	50
T2224	0205420111	Research Methodology		1	50	0	50
T3489	0205420112	Spreadsheets for Managers		1	50	0	50
T4005	0205420113	Integrated Disaster Management *		0	0	0	Non Letter Grade
<b>Total</b>				<b>20</b>	<b>680</b>	<b>320</b>	<b>1000</b>
<b>Specialization Core Courses : Finance</b>							
T2015	0205420114	Introduction to Financial Markets and Institutions	Finance	2	60	40	100
T2007	0205420115	Cost Accounting	Finance	1	50	0	50
T2004	0205420116	Financial Accounting	Finance	1	50	0	50
<b>Total</b>				<b>4</b>	<b>160</b>	<b>40</b>	<b>200</b>
<b>Semester : 2</b>							
<b>Generic Core Courses</b>							
T2803	0205420201	Project		3	150	0	150
T2870	0205420202	Wireless Technologies		3	90	60	150
T3035	0205420203	Governance Risk and Compliance		2	60	40	100
T3167	0205420204	Introduction to Business Intelligence		2	60	40	100
T3085	0205420205	Managing Pre-Sales		2	60	40	100
T2253	0205420206	Strategic Management		2	60	40	100
T6074	0205420207	Macroeconomics for Managers		2	60	40	100
T2693	0205420208	Visual Analytics		2	100	0	100



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T2482	0205420209	Environmental Law and Governance		1	50	0	50
<b>Total</b>				<b>19</b>	<b>690</b>	<b>260</b>	<b>950</b>
<b>Specialization Core Courses : Finance</b>							
T2778	0205420210	Basics of Financial Management	Finance	2	60	40	100
T2604	0205420211	Legal and Taxation Aspect	Finance	2	60	40	100
T2777	0205420212	Management Accounting	Finance	2	60	40	100
<b>Total</b>				<b>6</b>	<b>180</b>	<b>120</b>	<b>300</b>
<b>Specialization Elective : System</b>							
T2866	0205420213	ICT Architectures and Frameworks	System	2	60	40	100
T2894	0205420214	Cloud-based Solution Architecture	System	2	60	40	100
T3287	0205420215	IT Strategy	System	2	60	40	100
<b>Total Required Credits</b>				<b>4</b>	<b>120</b>	<b>80</b>	<b>200</b>
<b>Specialization Elective : Marketing</b>							
T2118	0205420216	Consumer Behaviour	Marketing	2	60	40	100
T2513	0205420217	Marketing Research	Marketing	2	60	40	100
T2128	0205420218	Product Management	Marketing	2	60	40	100
<b>Total Required Credits</b>				<b>4</b>	<b>120</b>	<b>80</b>	<b>200</b>
<b>Specialization Elective : Analytics</b>							
T3206	0205420219	Advanced Programming in Python	Analytics	2	60	40	100
T2227	0205420220	Business Analytics	Analytics	2	60	40	100
T3311	0205420221	Data Mining for Decision Making	Analytics	2	60	40	100
<b>Total Required Credits</b>				<b>4</b>	<b>120</b>	<b>80</b>	<b>200</b>
<b>Semester : 3</b>							
<b>Generic Core Courses</b>							
T2806	0205420301	Project		6	300	0	300
T2873	0205420302	Services and Technology Trends in Telecom (STTT)		3	90	60	150
T3395	0205420303	Digital Transformation		2	60	40	100



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T2311	0205420304	Operation Support Systems and Business Support Systems Framework (OSS/BSS)		2	60	40	100
F0002	0205420305	Flexi-Credit Course		2	100	0	100
TM2014	0205420306	Digital Risk Management		2	60	40	100
T0100	0205420307	Research Publication *		0	0	0	Non Letter Grade
<b>Total</b>				<b>17</b>	<b>670</b>	<b>180</b>	<b>850</b>
<b>Generic Elective Courses Group</b>							
T2831	0205420308	Information Security Management		1	50	0	50
T2322	0205420309	Descriptive Business Analytics in Telecom		1	50	0	50
T2319	0205420310	ITIL Foundation		1	50	0	50
T2865	0205420311	General Data Protection Regulation (GDPR)		1	50	0	50
T2848	0205420312	Internal Audit		1	50	0	50
<b>Total Required Credits</b>				<b>4</b>	<b>200</b>	<b>0</b>	<b>200</b>
<b>Specialization Core Courses : Finance</b>							
T2849	0205420313	Management of Financial Technologies	Finance	2	60	40	100
T2087	0205420314	Business Modeling and Planning	Finance	2	60	40	100
<b>Total</b>				<b>4</b>	<b>120</b>	<b>80</b>	<b>200</b>
<b>Specialization Elective : System</b>							
T2310	0205420315	Regulatory Aspects of Telecom (RAT)	System	2	60	40	100
TM2012	0205420316	Digital Forensics	System	2	60	40	100
T2895	0205420317	Advanced Cloud-Based Solution Architecture	System	2	60	40	100
<b>Total Required Credits</b>				<b>4</b>	<b>120</b>	<b>80</b>	<b>200</b>
<b>Specialization Elective : Marketing</b>							
T2143	0205420318	Services Marketing	Marketing	2	60	40	100
T2130	0205420319	Brand Management	Marketing	2	60	40	100
T2139	0205420320	Digital Marketing	Marketing	2	60	40	100
<b>Total Required Credits</b>				<b>4</b>	<b>120</b>	<b>80</b>	<b>200</b>



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<b>Specialization Elective : Analytics</b>							
T2692	0205420321	Social Media Analytics	Analytics	2	60	40	100
T2766	0205420322	Telecom Analytics	Analytics	2	60	40	100
T2892	0205420323	Applications of AI and ML in Telecom	Analytics	2	60	40	100
<b>Total Required Credits</b>				<b>4</b>	<b>120</b>	<b>80</b>	<b>200</b>
<b>Semester : 4</b>							
<b>Generic Core Courses</b>							
T2810	0205420401	Project		10	300	200	500
T2353	0205420402	Entrepreneurship		2	100	0	100
T4666	0205420403	Well for Life		2	100	0	100
<b>Total</b>				<b>14</b>	<b>500</b>	<b>200</b>	<b>700</b>
<b>Specialization Core Courses : Finance</b>							
T2059	0205420404	Advanced Corporate Finance	Finance	2	100	0	100
<b>Total</b>				<b>2</b>	<b>100</b>	<b>0</b>	<b>100</b>
<b>Specialization Core Courses : System</b>							
T2867	0205420405	ICT Consulting	System	2	60	40	100
<b>Total</b>				<b>2</b>	<b>60</b>	<b>40</b>	<b>100</b>
<b>Specialization Core Courses : Marketing</b>							
T2827	0205420406	Supply Chain Management	Marketing	2	60	40	100
<b>Total</b>				<b>2</b>	<b>60</b>	<b>40</b>	<b>100</b>
<b>Specialization Core Courses : Analytics</b>							
T2762	0205420407	Advanced Big Data Analytics Telecom	Analytics	2	60	40	100
<b>Total</b>				<b>2</b>	<b>60</b>	<b>40</b>	<b>100</b>



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Semester	Internal Credits	External Credits	Total Credits	Total Marks
<b>Common</b>				
Semester 1	6	18	24	1200
Semester 2	6	23	29	1450
Semester 3	12	17	29	1450
Semester 4	6	12	18	900
<b>Total</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>5000</b>