



**Symbiosis Centre for Management and Human Resource  
Development, Pune**  
**Master of Business Administration (Business Analytics)**  
**Programme Structure 2022-24**

1.	<b>OBJECTIVE</b>	To provide the students: Conceptual and practical knowledge of Business Analytics along with a sound understanding of management theory and practice. Corporate exposure to the practice of business analytics method.			
2.	<b>DURATION (IN MONTHS)</b>	24 (Full Time)			
3.	<b>INTAKE</b>	60			
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>
			15	7.5	3
		<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 in any discipline 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) and minimum two years full time work experience after completion of graduation.			
6.	<b>SELECTION PROCEDURE</b>	Symbiosis National Aptitude Test Score, Group Exercise, Technical Ability Test, Personal Interaction and Writing Ability Test			
7.	<b>MEDIUM OF INSTRUCTION</b>	English			
8.	<b>PROGRAMME PATTERN</b>	Semester			
9.	<b>COURSE &amp; SPECIALIZATION</b>	As per Annexure A			
10.	<b>FEE</b>		<b>Academic Fee p.a</b>	<b>Institute Deposit</b>	<b>Total</b>
		<b>Indian Students</b>	765000	20000	785000
		<b>International Students (USD equivalent to INR)</b>	1150000	20000	1170000
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 (Business Analytics) will be awarded at the end of semester IV examination by taking into consideration the performance of all semester examinations after obtaining minimum 4.00 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	28	0	0	0	0	1*	28
2	26	0	0	0	0	0	26
3	22	10	0	0	0	0	32
4	10	4	0	0	0	0	14
<b>Total</b>	<b>86</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>
* Satisfactory completion of the non letter grade course 'Integrated Disaster Management' is mandatory for award of degree.							
The revised programme structure supersedes the previously approved programme structure dated 11/07/2023 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	Specialization	Credit	Internal Marks	External Marks	Total Marks
<b>Semester : 1</b>							
<b>Generic Core Courses</b>							
T3396	0203430101	Database Technologies		4	200	0	200
T2682	0203430102	Analytics Foundations		4	200	0	200
T2688	0203430103	Quantitative Methods		3	90	60	150
T2778	0203430104	Basics of Financial Management		2	60	40	100
T2239	0203430105	Business Communication		2	60	40	100
T2114	0203430106	Essentials of Marketing Management		2	60	40	100
T2003	0203430107	Financial Accounting		2	60	40	100
T2528	0203430108	Management of Operations		2	60	40	100
T6075	0203430109	Managerial Economics		2	60	40	100
T2572	0203430110	Human Resource Management		2	60	40	100
T3639	0203430111	Spreadsheet Modelling		2	60	40	100
T2224	0203430112	Research Methodology		1	50	0	50
T4005	0203430113	Integrated Disaster Management *		0	0	0	Non - Letter Grade
<b>Total</b>				<b>28</b>	<b>1020</b>	<b>380</b>	<b>1400</b>
<b>Semester : 2</b>							
<b>Generic Core Courses</b>							
T2891	0203430201	Business Research Methods		3	90	60	150
T2683	0203430202	Cloud and Big Data		3	150	0	150
T3397	0203430203	Data Mining		2	60	40	100
T2193	0203430204	Project Management		2	60	40	100
T6074	0203430205	Macroeconomics for Managers		2	60	40	100
T3532	0203430206	Machine learning		2	60	40	100
T2827	0203430207	Supply Chain Management		2	60	40	100
T2693	0203430208	Visual Analytics		2	60	40	100
T2139	0203430209	Digital Marketing		2	60	40	100
T2498	0203430210	Financial Statement Analysis		2	60	40	100
T2692	0203430211	Social Media Analytics		2	60	40	100
T3638	0203430212	Marketing and Sales Analytics		2	60	40	100
<b>Total</b>				<b>26</b>	<b>840</b>	<b>460</b>	<b>1300</b>
<b>Semester : 3</b>							
<b>Generic Core Courses</b>							
T2906	0203430301	Summer Internship		6	180	120	300
T3394	0203430302	Internet of Things		2	100	0	100
T2802	0203430303	Project		2	100	0	100
T2244	0203430304	Innovation Management		2	100	0	100
T2684	0203430305	Financial Analytics		2	60	40	100
T2118	0203430306	Consumer Behaviour		2	60	40	100
T2690	0203430307	Risk Analytics		2	60	40	100
T2685	0203430308	HR Analytics		2	60	40	100
T3640	0203430309	Business Forecasting		2	60	40	100
<b>Total</b>				<b>22</b>	<b>780</b>	<b>320</b>	<b>1100</b>
<b>Generic Elective Course Group</b>							
T2766	0203430310	Telecom Analytics		2	60	40	100
T3653	0203430311	Advanced Machine Learning		2	60	40	100
T3568	0203430312	Natural Language Processing		3	90	60	150
T3309	0203430313	Big Data Analytics		3	90	60	150
T3654	0203430314	Cloud and Web Services		2	60	40	100
T3571	0203430315	Healthcare Analytics		2	60	40	100
T2578	0203430316	Organizational Development and Change		2	60	40	100
T2056	0203430317	Financial Risk Management		2	60	40	100
T2127	0203430318	Integrated Marketing Communication		2	60	40	100
<b>Total Required Credits</b>				<b>10</b>	<b>300</b>	<b>200</b>	<b>500</b>
<b>Semester : 4</b>							
<b>Generic Core Courses</b>							
T3395	0203430401	Digital Transformation		2	100	0	100
T2802	0203430402	Project		2	100	0	100
T2152	0203430403	Business to Business Marketing		2	100	0	100
T2253	0203430404	Strategic Management		2	60	40	100
T2236	0203430405	Corporate Governance and Ethics		2	100	0	100
<b>Total</b>				<b>10</b>	<b>460</b>	<b>40</b>	<b>500</b>
<b>Generic Elective Course Group</b>							
T2148	0203430406	Retail Marketing		2	100	0	100
T2828	0203430407	Six Sigma		2	100	0	100
T2387	0203430408	Global Business Environment		2	100	0	100
T2125	0203430409	Marketing Strategy		2	100	0	100
<b>Total Required Credits</b>				<b>4</b>	<b>200</b>	<b>0</b>	<b>200</b>
<b>Audit Courses</b>							
T3653	0203430410	Advanced Machine Learning		0	0	0	Non Letter Grade
T3309	0203430411	Big Data Analytics		0	0	0	Non Letter Grade
T3654	0203430412	Cloud and Web Services		0	0	0	Non Letter Grade
T3571	0203430413	Healthcare Analytics		0	0	0	Non Letter Grade



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T2056	0203430414	Financial Risk Management		0	0	0	Non Letter Grade



Celebrating 50 Years of Excellence

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Semester	Internal Credits	External Credits	Total Credits	Total Marks
Semester 1	9	19	28	1400
Semester 2	3	23	26	1300
Semester 3	6	26	32	1600
Semester 4	12	2	14	700
<b>Total</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>5000</b>