

**SYMBIOSIS CENTRE FOR MANAGEMENT & HUMAN RESOURCE DEVELOPMENT**

Institute Code	Institute Name	Programme Code	Program Name	Catalog Course Code	Catalog Course Name	Course Type	Batch 2020	Batch 2021	Change in T-Code Yes / No	Change in course/Nature	Change in Pedagogy	Change in evaluation	Change in instruction method	Add on course	Changes Yes: Revised No: Not Revised
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	GEN002	Project	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	GEN003	Internship	Core	Base PS	No Change	No	yes					Yes
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	GEN005	Non Catalog Courses	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T0100	Research Publication	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2003	Financial Accounting	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2056	Financial Risk Management	Core	Base PS	Dropped	Yes	Yes					Yes
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2114	Essentials of Marketing Management	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2118	Consumer Behaviour	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2125	Marketing Strategy	Core	Base PS	Dropped	Yes	Yes					Yes



203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2127	Integrated Marketing Communicati on	Elective	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2139	Digital Marketing	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2148	Retail Marketing	Core	Base PS	Droppe d	Yes	Yes					Yes
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2193	Project Management	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2224	Research Methodology	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2236	Corporate Governance and Ethics	Core		Added	Yes	Yes					Yes
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2239	Business Communicati on	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2244	Innovation Management	Core		Added	Yes	Yes					Yes
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2253	Strategic Management	Core	Base PS	No Change	No						



203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2387	Global Business Environment	Elective	Base PS	No Change	No								
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2498	Financial Statement Analysis	Core	Base PS	No Change	No								
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2528	Management of Operations	Core	Base PS	No Change	No								
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2572	Human Resource Management	Core	Base PS	No Change	No								
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2578	Organizational Development and Change	Elective	Base PS	No Change	No								
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2682	Analytics Foundations	Core	Base PS	No Change	No								
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2683	Cloud and Big Data	Core	Base PS	No Change	No								
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2684	Financial Analytics	Core	Base PS	No Change	No								
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2685	HR Analytics	Core	Base PS	No Change	No								



203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2688	Quantitative Methods	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2690	Risk Analytics	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2692	Social Media Analytics	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2693	Visual Analytics	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2766	Telecom Analytics	Elective		Added	Yes	Yes					Yes
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2778	Basics of Financial Management	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2827	Supply chain management	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2828	Six Sigma	Core	Base PS	Droppe d	Yes	Yes					Yes
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T2891	Business Research Methods	Core	Base PS	No Change	No			Yes			Yes



203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T3309	Big Data Analytics	Elective		Added	Yes	Yes					Yes
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T3394	Internet of Things	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T3395	Digital Transformatio n	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T3396	Database Technologies	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T3397	Data Mining	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T3398	Mobile Analytics	Core	Base PS	Droppe d	Yes	Yes					Yes
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T3532	Machine Learning	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T3568	Natural Language Processing	Elective		Added	Yes	Yes					Yes
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T3571	Healthcare Analytics	Core	Base PS	Droppe d	Yes	Yes					Yes

203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T3638	Marketing and Sales Analytics	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T3639	Spreadsheet Modelling	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T3640	Business Forecasting	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T3642	Information Technology Management	Core	Base PS	Droppe d	Yes	Yes					Yes
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T3653	Advanced Machine Learning	Core	Base PS	Droppe d	Yes	Yes					Yes
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T3654	Cloud and Web Services	Elective		Added	Yes	Yes					Yes
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T4005	Integrated Disaster Management	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T6074	Macroecono mics for Managers	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	T6075	Managerial Economics	Core	Base PS	No Change	No						



203	SCMHRD, Pune	20343	M.B.A. (Business Analytics)	TH4272	Certificate in COVID- 19 Care for the Community	Core		Added	Yes	Yes					Yes
203	SCMHRD, Pune	20344	M.B.A.(Infr astructure Developme nt and Manageme nt)	GEN001	Global Immersion Programme	Core		Added	Yes	Yes					Yes
203	SCMHRD, Pune	20344	M.B.A.(Infr astructure Developme nt and Manageme nt)	GEN002	Project	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20344	M.B.A.(Infr astructure Developme nt and Manageme nt)	GEN003	Internship	Core	Base PS	No Change	No						
203	SCMHRD, Pune	20344	M.B.A.(Infr astructure Developme nt and Manageme nt)	GEN005	Non Catalog Courses	Core	Base PS	Droppe d	Yes	Yes					Yes





**Symbiosis Centre for Management and Human Resource Development,  
Pune**

**Master of Business Administration (Business Analytics)  
Programme Structure 2020-22**

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 Students should not exceed 30 internal credits out of 100 credits during entire programme.			
10.	<b>FEE</b>		<b>Academic Fee p.a</b>	<b>Institute Deposit</b>	<b>Total</b>
		<b>Indian Students</b>	675000	20000	695000
		<b>International Students (USD equivalent to INR)</b>	1015000	20000	1035000
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. NATURE WISE DISTRIBUTION OF CREDITS							
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	28	4	0	0	0	1*	32
4	10	4	0	0	0	0	14
<b>Total</b>	<b>92</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>

\* Satisfactory completion of the non letter grade courses 'Integrated Disaster Management' and 'Research Publication' is mandatory for award of degree.

The revised programme structure supersedes the previously approved programme structure dated 24/11/2020 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.**

**Head - Academics**

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**Symbiosis Centre for Management and Human Resource Development,  
Pune**  
**Master of Business Administration (Business Analytics)**  
**Programme Structure 2020-22**

**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
T2528	0203430106	Management of Operations		2	60	40	100
T6075	0203430107	Managerial Economics		2	60	40	100
T2572	0203430108	Human Resource Management		2	100	0	100
T2114	0203430109	Essentials of Marketing Management		2	60	40	100
T2003	0203430110	Financial Accounting		2	60	40	100
T3639	0203430111	Spreadsheet Modelling		2	100	0	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>1100</b>	<b>300</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	100	0	100
T2827	0203430207	Supply Chain Management		2	60	40	100
T2693	0203430208	Visual Analytics		2	60	40	100
T2139	0203430209	Digital Marketing		2	100	0	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>920</b>	<b>380</b>	<b>1300</b>
<b>Semester : 3</b>							
<b>Generic Core Courses</b>							
T2908	0203430301	Internship		8	240	160	400
T3394	0203430302	Internet of Things		2	100	0	100
T3398	0203430303	Mobile Analytics		2	60	40	100



**Symbiosis Centre for Management and Human Resource Development,  
Pune**  
**Master of Business Administration (Business Analytics)**  
**Programme Structure 2020-22**

**Annexure A**

Catalog Course Code	Course Code	Course Title	Specialization	Credit	Internal Marks	External Marks	Total Marks
T2802	0203430304	Project		2	100	0	100
T3653	0203430305	Advanced Machine Learning		2	100	0	100
T2684	0203430306	Financial Analytics		2	60	40	100
T2118	0203430307	Consumer Behaviour		2	60	40	100
T2690	0203430308	Risk Analytics		2	60	40	100
T2685	0203430309	HR Analytics		2	60	40	100
T3642	0203430310	Information Technology Management		2	60	40	100
T3640	0203430311	Business Forecasting		2	60	40	100
T0100	0203430312	Research Publication *		0	0	0	Non Letter Grade
<b>Total</b>				<b>28</b>	<b>960</b>	<b>440</b>	<b>1400</b>
<b>Generic Elective Courses Group</b>							
T3571	0203430313	Healthcare Analytics		2	60	40	100
T2578	0203430314	Organizational Development and Change		2	60	40	100
T2056	0203430315	Financial Risk Management		2	60	40	100
T2127	0203430316	Integrated Marketing Communication		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>							
T3395	0203430401	Digital Transformation		2	100	0	100
T2802	0203430402	Project		2	100	0	100
F0002	0203430403	Flexi-Credit Course		2	100	0	100
T2253	0203430404	Strategic Management		2	60	40	100
T2148	0203430405	Retail Marketing		2	60	40	100
<b>Total</b>				<b>10</b>	<b>420</b>	<b>80</b>	<b>500</b>
<b>Generic Elective Courses Group</b>							
T2828	0203430406	Six Sigma		2	100	0	100
T2125	0203430407	Marketing Strategy		2	100	0	100
T2236	0203430408	Corporate Governance and Ethics		2	100	0	100
T2387	0203430409	Global Business Environment		2	100	0	100
<b>Total Required Credits</b>				<b>4</b>	<b>200</b>	<b>0</b>	<b>200</b>



Celebrating 50 Years of Excellence

**Symbiosis Centre for Management and Human Resource  
Development, Pune  
Master of Business Administration (Business Analytics)  
Programme Structure 2020-22**

Semester	Internal Credits	External Credits	Total Credits	Total Marks
Semester 1	13	15	28	1400
Semester 2	7	19	26	1300
Semester 3	6	26	32	1600
Semester 4	10	4	14	700
<b>Total</b>	<b>36</b>	<b>64</b>	<b>100</b>	<b>5000</b>



**Symbiosis Centre for Management and Human Resource Development,  
Pune**

**Master of Business Administration (Business Analytics)  
Programme Structure 2021-23**

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>	695000	20000	715000
		<b>International Students (USD equivalent to INR)</b>	1045000	20000	1065000
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	2*	28
2	26	0	0	0	0	0	26
3	22	10	0	0	0	1*	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 courses 'Integrated Disaster Management', 'Research Publication' 'Certificate in COVID-19 Care for the Community' is mandatory for award of degree.							
The revised programme structure supersedes the previously approved programme structure dated 26/04/2021 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.

Head - Academics

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**Symbiosis Centre for Management and Human Resource Development,  
Pune**  
**Master of Business Administration (Business Analytics)**  
**Programme Structure 2021-23**

**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
TH4272	0203430114	Certificate in COVID-19 Care for the Community *		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



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Pune**  
**Master of Business Administration (Business Analytics)**  
**Programme Structure 2021-23**

**Annexure A**

Catalog Course Code	Course Code	Course Title	Specialization	Credit	Internal Marks	External Marks	Total Marks
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
T0100	0203430310	Research Publication *		0	0	0	Non Letter Grade
<b>Total</b>				<b>22</b>	<b>780</b>	<b>320</b>	<b>1100</b>
<b>Generic Elective Courses Group</b>							
T2766	0203430311	Telecom Analytics		2	60	40	100
T3653	0203430312	Advanced Machine Learning		2	60	40	100
T3568	0203430313	Natural Language Processing		3	90	60	150
T3309	0203430314	Big Data Analytics		3	90	60	150
T3654	0203430315	Cloud and Web Services		2	60	40	100
T3571	0203430316	Healthcare Analytics		2	60	40	100
T2578	0203430317	Organizational Development and Change		2	60	40	100
T2056	0203430318	Financial Risk Management		2	60	40	100
T2127	0203430319	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
F0002	0203430403	Flexi-Credit Course		2	100	0	100
T2253	0203430404	Strategic Management		2	60	40	100
T2236	0203430406	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 Courses Group</b>							
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
T2148	0203430405	Retail Marketing		2	100	0	100
<b>Total Required Credits</b>				<b>4</b>	<b>200</b>	<b>0</b>	<b>200</b>





**Symbiosis Centre for Management and Human Resource Development,  
Pune  
Master of Business Administration (Business Analytics)  
Programme Structure 2021-23**

**Annexure A**



**Symbiosis Centre for Management and Human Resource  
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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>