



SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under section 3 of the UGC Act, 1956)

Re-accredited by NAAC with 'A++' Grade | Awarded Category - I by UGC

Founder: Prof. Dr. S. B. Mujumdar, M. Sc., Ph. D. (Awarded Padma Bhushan and Padma Shri by President of India)

SIU/ACAD/2024/2923

Date: 09/07/2024

To
The Director
Symbiosis Institute of Computer Studies and Research,
Pune

**Subject: Approval of Programme Structure of Bachelor of Business Administration
(Information Technology) Honours/Honours with Research, batch 2024-28**

Dear Sir,

This is to inform you that the following Programme Structure has been duly approved by the Academic Council for the Academic Year 2024-2025.

Sr. No.	Programme	Batch
1	Bachelor of Business Administration (Information Technology) Honours/Honours with Research	2024-28

Thanking you.

Sincerely,

Dr. Asmita Dani
Director- Academics

Copy to: Controller of Examinations, SIU
The Director Admission, SIU

**Symbiosis Institute of Computer Studies and Research, Pune
Bachelor of Business Administration (Information Technology) Honours/Honours with Research
Programme Structure 2024-28**

1.	OBJECTIVE	<p>BBA (IT) Honours/Honours with Research is a perfect blend of Commerce, Management, and IT subjects heading for smart careers in Business Administration with IT flavor. The programme focuses on imparting IT and related methodologies for understanding and applying IT for business analysis. The Programme strikes a balance between business management courses, basic IT skill courses, application software and packages, which will enable and enhance business transformations.</p> <p>BBA (IT) Honours/Honours with Research offers an opportunity for an early entry into the Management cadre, equipped with IT knowledge, to be trained appropriately by the companies for their requirements. The graduating students will be suitable for the following roles:</p> <p>A. Business analyst for areas like application software, requirement management, quality assurance, and process analysis.</p> <p>B. Business administration under various Management functions like finance, marketing operations etc.</p> <p>C. Preparing for PG programmes for higher studies in India or abroad in the IT and Management field</p> <p>D. Entrepreneurship with a multidisciplinary approach.</p>				
2.	DURATION (IN MONTHS)	48 (Full Time) With Multiple Entry and Multiple Exit Options				
3.	INTAKE	120				
4.	RESERVATION	I. Within the sanctioned intake	a) SC (In Percentage) 15	b) ST (In Percentage) 7.5	c) Differently abled (In Percentage) 3	d) Defence (In Percentage) 5
		II. Over and above the sanctioned intake	a) Kashmiri Migrants (In Seats) 2		b) International Students (In Percentage) 20	
5.	ELIGIBILITY	<p>Passed Standard XII (10+2) or equivalent examination from any recognised Board with a minimum of 50% marks or equivalent grade (45% marks or equivalent grade for Scheduled Caste / Scheduled Tribes). Students who wish to opt for Honours with Research must earn 7.5 CGPA and above at the end of Semester-6</p>				

		Eligibility Criteria for the Multiple entries would be as per University's Lateral Entry Rules for FYUG Programmes.				
6.	SELECTION PROCEDURE	Symbiosis Entrance Test, Personal Interaction and Writing Ability Test (PI-WAT). Selection Procedure for the Multiple Entry would be as per the University's Lateral Entry Rules for FYUG Programmes				
7.	MEDIUM OF INSTRUCTION	English				
8.	PROGRAMME PATTERN	Semester				
9.	COURSE & SPECIALIZATION	As per Annexure A Offered Major (Choose any one) IT Management List of Minors Offered (Choose any one) 1. Software Solutions Management 2. IT Infrastructure Management 3. Digital Marketing				
10.	FEE			Academic Fee p.a	Institute Deposit	Total
		Indian Students (Amount in INR)		2,18,000/-	20,000/-	2,38,000/-
		International Students	NRI/ PIO/ OCI Category (Amount in US\$)	4,170	275	4,445
			Foreign National Category (Amount in US\$)	1,300	275	1,575
Note- The exiting students will have to complete the additional 4 credit vocational course for the award of a Certificate/ Diploma by paying additional fees at the time of intimation of the exit. The additional fees of 4 credit vocational course will be informed in due course of time.						

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 students 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/ DIPLOMA/ CERTIFICATE	<p>Certificate in Business Administration (Information Technology) will be awarded at the end of the semester 2 by taking into consideration the performance of all semester examinations after obtaining minimum 4.00 CGPA out of 10 CGPA and the successful completion of the 4 credit Vocational Course in the summer.</p> <p>Diploma in Business Administration (Information Technology) will be awarded at the end of the semester 4 by taking into consideration the performance of all semester examinations after obtaining minimum 4.00 CGPA out of 10 CGPA and the successful completion of the 4 credit Vocational Course in the summer.</p> <p>Bachelor of Business Administration (Information Technology) with the applicable major and applicable minor will be awarded at the end of the semester 6 examination by taking into consideration the performance of all semester examinations after obtaining minimum 4.00 CGPA out of 10 CGPA.</p> <p>Bachelor of Business Administration (Information Technology) Honours with the applicable major and applicable minor will be awarded at the end of the semester 8 examination by taking into consideration the performance of all semester examinations after obtaining minimum 4.00 CGPA out of 10 CGPA</p> <p>Bachelor of Business Administration (Information Technology) Honours with Research with the applicable major and applicable minor will be awarded at the end of the semester 8 examination by taking into consideration the performance of all semester examinations after obtaining minimum 4.00 CGPA out of 10 CGPA.</p>

14. CLASSIFICATION OF CREDITS AND NUMBER OF NON-CREDIT COURSES												
Semester	Major	Minor	Multi-disciplinary	Ability Enhancement	Skill Enhancement	Common Value Added	Summer Internship	Research Project / Dissertation	Total Credits	No. of Mandatory Non-Credit Course/s	No. of Non-Credit Audit Course/s	
1	8	4	0	2	3	4	0	0	21	1	As per the Student's Choice	
2	6	4	3	2	3	2	0	0	20	1		
3	8	4	3	2	3	0	0	0	20	1		
4	14	4	3	2	0	0	0	0	23	1		
5	19	4	0	0	0	0	0	0	23	1		
6	15	4	0	0	0	0	4	0	23	0		
Total	70	24	9	8	9	6	4	0	130			
Honours												
7	12	4	0	0	0	0	0	4	20	0		
8	12	4	0	0	0	0	0	4	20	0		
Total	94	32	9	8	9	6	4	8	170			
Honours with Research												
7	16	4	0	0	0	0	0	0	20	0		
8	4	4	0	0	0	0	0	12	20	0		
Total	90	32	9	8	9	6	4	12	170			
1. The students exiting the Programme after Semester – 2 OR Semester - 4 should complete vocational courses of total 4 credits in the summer to obtain the Certificate/Diploma. 2. Passing Mandatory Non-Credit Courses is a requirement for the award of the 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.

[Signature]
Director - Academics

Symbiosis Institute of Computer Studies and Research, Pune
Bachelor of Business Administration (Information Technology) Honours/Honours with Research
Programme Structure 2024-28

Annexure A

Catalogue Course Code	Course Code	Course Title	Major / Minor	Credits	Continuous Assessment Marks	Term End Examination Marks	Total Marks
Semester - 1							
Major Course							
T3586	0301250101	Web Technologies		4	100	0	100
T3207	0301250102	Computer Fundamentals		2	30	20	50
T3213	0301250103	Introduction to Operating System		2	30	20	50
Minor Course							
T2111	0301250104	Business Accounting		4	60	40	100
Ability Enhancement Course							
T6125	0301250105	Communication Skills		2	50	0	50
Skill Enhancement Courses							
T2832	0301250106	Business Modelling and Business Plan		3	45	30	75
Common Value-Added Course							
TH4258	0301250107	Yoga – I		2	50	0	50
T6218	0301250108	Glimpses of India: Post Independence		2	50	0	50
Mandatory Non-Credit Course							
T4005	0301250109	Integrated Disaster Management		0	0	0	0

Catalogue Course Code	Course Code	Course Title	Major / Minor	Credits	Continuous Assessment Marks	Term End Examination Marks	Total Marks
Grand Total				21	415	110	525
Semester - 2							
Major Course							
T3198	0301250201	Introduction to Python		2	30	20	50
T2713	0301250202	Innovation Management and New Product Development		4	60	40	100
Minor Course							
T2451	0301250203	Introduction to Costing		4	60	40	100
Ability Enhancement Course							
T2495	0301250204	Business Communication		2	50	0	50
Skill Enhancement Course							
T2010	0301250205	Banking Operations		3	45	30	75
Common Value-Added Courses							
TH4228	0301250206	Yoga - II		2	50	0	50
Mandatory Non-Credit Course							
TH4095	0301250207	Fitness for Life		0	0	0	0
Multidisciplinary Courses							
(Choose Any One Course from the University Basket of Multidisciplinary Courses given in Annexure B)							
-	-	MD1		3	75	0	75
Grand Total				20	370	130	500
Vocational Courses (Summer)							
(Only for students who wish to exit after the First Year with a Certificate)							
T3610	0301250208	Applications of		4	100	0	100

Catalogue Course Code	Course Code	Course Title	Major / Minor	Credits	Continuous Assessment Marks	Term End Examination Marks	Total Marks
		Spreadsheets in Business					
Total Required Credits				4	100	0	100
Note: Students exiting at the end of the second semester and earning 41 credits will be awarded a "Certificate in Business Administration (Information Technology)" provided they successfully complete the additional 4 credits of vocational course offered during the summer term.							
Semester - 3							
Major Courses							
T3239	0301250301	Relational Database Management System		4	60	40	100
T3520	0301250302	Introduction to Internet of Things		2	30	20	50
T3256	0301250303	IT Tools for Statistics I		2	30	20	50
Minor Course							
T2264	0301250304	Human Resource Management		4	60	40	100
Ability Enhancement Courses (Choose Any One)							
T6401	0301250305	Basic Sanskrit I		2	50	0	50
T6397	0301250306	Basic Hindi I		2	50	0	50
T6586	0301250307	Soft Skills		2	50	0	50
Total Required Credits				2	50	0	50
Skill Enhancement Course							
T2341	0301250308	Creativity and Innovation		3	45	30	75
Mandatory Non-Credit Course							

Catalogue Course Code	Course Code	Course Title	Major / Minor	Credits	Continuous Assessment Marks	Term End Examination Marks	Total Marks
SMC002	0301250309	Core Environmental Studies		0	0	0	0
Multidisciplinary Courses (Choose Any One Course from the University Basket of Multidisciplinary Courses given in Annexure B)							
-	-	MD2		3	75	0	75
Grand Total				20	350	150	500
Semester - 4							
Major Courses							
T3318	0301250401	Optimization Techniques in IT		4	60	40	100
T3204	0301250402	Server Side Web Technology		4	60	40	100
T3257	0301250403	IT Tools for Statistics-II		2	30	20	50
T3235	0301250404	IT Applications for Business Verticals		4	60	40	100
Minor Courses							
T8000	0301250405	Service Learning		2	30	20	50
T2981	0301250406	Introduction to Startup		2	50	0	50
Ability Enhancement Courses (Choose Any One)							
T6402	0301250407	Basic Sanskrit II		2	50	0	50
T6398	0301250408	Basic Hindi II		2	50	0	50
T6096	0301250409	Creative Writing		2	50	0	50
Total Required Credits				2	50	0	50

Catalogue Course Code	Course Code	Course Title	Major / Minor	Credits	Continuous Assessment Marks	Term End Examination Marks	Total Marks
Mandatory Non-Credit Course							
SMC001	0301250410	Vasudhaiva Kutumbakam		0	0	0	0
Multidisciplinary Courses (Choose Any One Course from the University Basket of Multidisciplinary Courses given in Annexure B)							
-	-	MD3		3	75	0	75
Grand Total				23	415	160	575
Vocational Courses (Summer) (Only for students who wish to exit after the Second Year with a Diploma)							
T3610	0301250411	Applications of Spreadsheets in Business		4	100	0	100
Total Required Credits				4	100	0	100
Note: Students exiting at the end of the fourth semester and earning 84 credits will be awarded a "Diploma in Business Administration (Information Technology)," provided they successfully complete the additional 4 credits of vocational courses offered during the summer term.							
Semester - 5							
Major Courses							
T1136	0301250501	Business Taxation and Law		4	60	40	100
T3229	0301250502	Enterprise Resource Planning		4	60	40	100
T2456	0301250503	Financial Management		4	60	40	100
T2208	0301250504	Research Methodology		4	60	40	100
T2228	0301250505	Business Analytics		3	45	30	75

Catalogue Course Code	Course Code	Course Title	Major / Minor	Credits	Continuous Assessment Marks	Term End Examination Marks	Total Marks
Minor Courses (Choose Any One Group)							
Group 1 - Software Solutions Management							
T3391	0301250506	Software Engineering Practices		4	60	40	100
Group 2 - IT Infrastructure Management							
T3224	0301250507	Network Essentials		2	30	20	50
T3483	0301250508	IT Infrastructure & Service Management		2	30	20	50
Group 3 - Digital Marketing							
T2113	0301250509	Fundamentals of Marketing		2	30	20	50
T2143	0301250510	Services Marketing		2	30	20	50
Total Required Credits				4	60	40	100
Mandatory Non-Credit Course							
TH4535	0301250511	Emotional Well-being		0	0	0	0
Grand Total				23	345	230	575
Semester - 6							
Major Courses							
T3228	0301250601	E-Business Technology		4	60	40	100
T3604	0301250602	Essentials of Business Intelligence		4	60	40	100
T2102	0301250603	Advanced Financial Management		4	60	40	100
T7473	0301250604	Artificial Intelligence		3	45	30	75
Minor Courses (Choose Any One Group)							

Catalogue Course Code	Course Code	Course Title	Major / Minor	Credits	Continuous Assessment Marks	Term End Examination Marks	Total Marks
Group 1 – Software Solutions Management							
T3608	0301250605	Software Testing		4	60	40	100
Group 2 – IT Infrastructure Management							
T3486	0301250606	Network Infrastructure Essential		4	60	40	100
Group 3 – Digital Marketing							
T3680	0301250607	Digital Marketing		4	60	40	100
Total Required Credits				4	60	40	100
Summer Internship							
T3904	0301250608	Summer Internship		4	60	40	100
Grand Total				23	345	230	575
<p>Note: Students exiting at the end of the sixth semester and earning 130 credits will be awarded a “Bachelor of Business Administration (Information Technology)” degree. Total Credits at the end of the Third year (Major 70, Minor 24, Multidisciplinary 9, Ability Enhancement Courses 8, Skill Enhancement Courses 9, Summer Internship 4, Common Value-Added Courses 6).</p>							
Semester – 7 (Honours)							
Major Courses							
T2783	0301250701	Corporate Governance and Ethics		2	30	20	50
T3284	0301250702	Cryptography		2	30	20	50
T1234	0301250703	Information Technology and Regulatory Compliance		2	30	20	50
T3383	0301250704	E supply Chain Management		2	30	20	50
T2339	0301250705	Introduction to Entrepreneurship		2	30	20	50

Catalogue Course Code	Course Code	Course Title	Major / Minor	Credits	Continuous Assessment Marks	Term End Examination Marks	Total Marks
T6274	0301250706	Foundations of Ethics		2	30	20	50
Minor Courses (Choose Any One Group)							
Group 1 – Software Solutions Management							
T3242	0301250707	Software Quality Management and Standards		4	60	40	100
Group 2 – IT Infrastructure Management							
T3221	0301250708	Introduction to Cloud Computing		4	60	40	100
Group 3 – Digital Marketing							
T3478	0301250709	E-Customer Relationship Management		4	60	40	100
Total Required Credits				4	60	40	100
Dissertation							
T3704	0301250710	Dissertation		4	100	0	100
Grand Total				20	340	160	500
Semester – 7 (Honours with Research)							
Major Courses							
THM6020	0301250711	Literature Review		4	60	40	100
THM6022	0301250712	Scientific Paper Writing		4	60	40	100
THM6021	0301250713	Ethics in Research		4	60	40	100
T3744	0301250714	R Programming		4	60	40	100
Minor Course							
T3704	0301250715	Dissertation		4	100	0	100
Grand Total				20	340	160	500

Catalogue Course Code	Course Code	Course Title	Major / Minor	Credits	Continuous Assessment Marks	Term End Examination Marks	Total Marks
Semester - 8 (Honours)							
Major Course							
T5514	0301250801	Design Thinking and Problem Solving		2	30	20	50
T2594	0301250802	Introduction to International Business		2	30	20	50
T6075	0301250803	Managerial Economics		2	30	20	50
T2129	0301250804	Essentials of Brand Management		2	30	20	50
T3598	0301250805	IT Audit		4	60	40	100
Minor Courses (Choose Any One Group)							
Group 1- Software Solutions Management							
T3237	0301250806	Foundations of Data Warehousing and Data Mining		4	60	40	100
Group 2 - IT Infrastructure Management							
T3220	0301250807	Information Security		2	30	20	50
T3603	0301250808	Block Chain		2	30	20	50
Group 3 - Digital Marketing							
T2519	0301250809	Marketing Communication - Advertising PR and Events		4	60	40	100
Total Required Credits				4	60	40	100
Dissertation							
T3804	0301250810	Project		4	100	0	100

Catalogue Course Code	Course Code	Course Title	Major / Minor	Credits	Continuous Assessment Marks	Term End Examination Marks	Total Marks
Grand Total				20	340	160	500
Semester: 8 (Honours with Research)							
Major Course							
T1743	0301250811	Intellectual Property Rights		4	60	40	100
Minor Course							
T3743	0301250812	Research Funding		4	100	0	100
Research Project							
T3812	0301250813	Research Project		12	180	120	300
Grand Total				20	340	160	500
<p>Note: Total Credits at the end of Fourth year for Bachelor of Business Administration (Information Technology)- Honours – 170 (Major 94, Minor 32, Multidisciplinary 9, Ability Enhancement Courses 8, Skill Enhancement Courses 9, Summer Internship 4, Research Project 8, Common Value-Added Courses 6).</p> <p>Total Credits at the end of Fourth year for Bachelor of Business Administration (Information Technology) - Honours with Research – 170 (Major 90, Minor 32, Multidisciplinary 9, Ability Enhancement Courses 8, Skill Enhancement Courses 9, Summer Internship 4, Dissertation 12, Common Value-Added Courses 6).</p>							

Symbiosis Institute of Computer Studies and Research, Pune
Bachelor of Business Administration (Information Technology) Honours/Honours with Research
Programme Structure 2024-28

SUMMARY

Semester	100% Continuous Assessment Credits	Term End (University) Examination Credits	Total Credits	Total Marks
1	10	11	21	525
2	7	13	20	500
3	5	15	20	500
4	7	16	23	575
5	0	23	23	575
6	0	23	23	575
Total	29	101	130	3250
Honours				
7	4	16	20	500
8	4	16	20	500
Total	37	133	170	4250
Honours with Research				
7	4	16	20	500
8	4	16	20	500
Total	37	133	170	4250

Symbiosis Institute of Computer Studies and Research, Pune
Bachelor of Business Administration (Information Technology) Honours/Honours with Research
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Annexure B
List of Multidisciplinary Courses

S. No.	Catalogue Course Code	Course Code			Course Title	Credit
		Semester 2	Semester 3	Semester 4		
1	T1454	0301250209	0301250310	0301250412	Constitutional Law I	3
2	TH4542	0301250210	0301250311	0301250413	Dancercise	3
3	TH4541	0301250211	0301250312	0301250414	Data Analytics in Sports	3
4	T5787	0301250212	0301250313	0301250415	Digital Design Tools - Visual Media	3
5	TH4539	0301250213	0301250314	0301250416	Fitness and Sports	3
6	THM6023	0301250214	0301250315	0301250417	Games of Uncertainty	3
7	T1471	0301250215	0301250316	0301250418	Law of Contracts	3
8	T2489	0301250216	0301250317	0301250419	Renewable Energy Sources	3
9	TH4540	0301250217	0301250318	0301250420	Self-Defence	3
10	TE7223	0301250218	0301250319	0301250421	Smart Urban Planning	3
11	T2701	0301250219	0301250320	0301250422	Social Entrepreneurship	3
12	THM6037	0301250220	0301250321	0301250423	Statistics of Nature	3
13	TH4538	0301250221	0301250322	0301250424	Weight Training and Conditioning	3
14	TH4537	0301250222	0301250323	0301250425	Well for Life	3
15	TH4536	0301250223	0301250324	0301250426	Yoga and Stress Management	3
16	TH4363	0301250224	0301250325	0301250427	Cognitive Psychology	3
17	T6767	0301250225	0301250326	0301250428	Public Policy in India	3
18	T6769	0301250226	0301250327	0301250429	India's Foreign Policy	3