

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

**Programme Structure 2023-27**

<b>1.</b>	<b>OBJECTIVE</b>	<p>BBA (IT) Honours 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. BBA (IT) Honours 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.          B. Business administration under various Management functions like finance, marketing operations etc.          C. Preparing for PG programmes for higher studies in India or abroad in the IT and Management field          D. Entrepreneurship with a multidisciplinary approach.</p>				
<b>2.</b>	<b>DURATION (IN MONTHS)</b>	48 (Full Time) With Multiple Entry and Multiple Exit Options				
<b>3.</b>	<b>INTAKE</b>	120				
<b>4.</b>	<b>RESERVATION</b>	<b>I. Within the sanctioned intake</b>	<b>a) SC(In Percentage)</b>	<b>b) ST(In Percentage)</b>	<b>c) Differentlyabled (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	
<b>5.</b>	<b>ELIGIBILITY</b>	<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)</p> <p>Students who wish to opt for Honours with Research must earn 7.5 CGPA and above at the end of Semester-6</p> <p>Eligibility Criteria for the Multiple entries would be as per University's Lateral Entry Rules for FYUG Programmes</p>				
<b>6.</b>	<b>SELECTION PROCEDURE</b>	<p>Symbiosis Entrance Test, Personal Interaction and Writing Ability Test (PI-WAT)</p> <p>Selection Procedure for the Multiple Entry would be as per the University's Lateral Entry Rules for FYUG Programmes</p>				

7.	<b>MEDIUM OF INSTRUCTION</b>	English			
8.	<b>PROGRAMME PATTERN</b>	Semester			
9.	<b>COURSE &amp; SPECIALIZATION</b>	<p>The details of the courses are given in Annexure A.</p> <p><b>Offered Major-</b> IT Management</p> <p><b>List of Minors Offered-</b></p> <ol style="list-style-type: none"> <li>1. Software Solutions Management</li> <li>2. IT Infrastructure Management</li> <li>3. Digital Marketing</li> </ol>			
10.	<b>FEE</b>		<b>Academic Fee p.a</b>	<b>Institute Deposit</b>	<b>Total</b>
		<b>Indian Students</b>			
		<b>International Students (USD equivalent to INR)</b>			
11.	<b>ASSESSMENT</b>	All internal courses will have 100% component as internal evaluation at the institute level. All external courses will have 40% internal component and 60% external component [University] examination.			
12.	<b>STANDARD OF PASSING</b>	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.	<b>AWARD OF DEGREE/ DIPLOMA/ CERTIFICATE</b>	<p>Bachelor of Business Administration (Information Technology) with the Major in IT Management and the applicable Minor will be awarded at the end of semester VI 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 Major in IT Management and the applicable Minor will be awarded at the end of semester VIII 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 Major in IT Management and applicable Minor will be awarded at the end of semester VIII by taking into consideration the performance of all semester examinations after obtaining minimum 4.00 CGPA out of 10 CGPA.</p> <p>Diploma in Business Administration (Information Technology) will be awarded at the end of semester IV by taking into consideration</p>			

	<p>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>Certificate in Business Administration (Information Technology) will be awarded at the end of semester II 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>
--	--

<b>14</b>										
<b>Category-wise Distribution of the Credits across the Programme</b>										
<b>Semester</b>	<b>Major</b>	<b>Minor</b>	<b>Multi-disciplinary</b>	<b>Ability Enhancement</b>	<b>Skill Enhancement</b>	<b>Value Added</b>	<b>Summer Internship</b>	<b>Research Project / Dissertation</b>	<b>Non-letter Grade Mandatory</b>	<b>Total Credits</b>
I	4	4	3	2	3	4				<b>20</b>
II	4	4	3	2	3	4				<b>20</b>
III	8	4	3	2	3					<b>20</b>
IV	14	4		2						<b>20</b>
V	16	4								<b>20</b>
VI	12	4					4			<b>20</b>
VII	12	4						4/4		<b>20</b>
VIII	12	4						12/4		<b>20</b>
<b>Total</b>	<b>82</b>	<b>32</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>8</b>	<b>4</b>	<b>16/8</b>	<b>0</b>	<b>160</b>
The students exiting the programme after semester-II and semester-IV should complete one 4-credit vocational course in the summer to obtain the Certificate/Diploma.										
* Satisfactory completion of the non-letter grade courses 'Vasudhaiv Kutumbkam-1 Credit, 'Core Environmental Studies -2 Credits, 'Fitness for Life'-1 Credit, 'Emotional Wellbeing- 1 Credit and 'Integrated Disaster Management- 1 Credit is mandatory for the award of degree.										

## Annexure A

<b>Semester: I</b>					
<b>Course Title</b>	<b>Major / Minor</b>	<b>Credits</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>Discipline-Specific Courses/Major Courses- Compulsory</b>					
Web Technologies	Major	4	40	60	<b>100</b>
<b>Major Courses- Students to Choose ANY ONE</b>					
<b>Minor Courses- Compulsory</b>					
Business Accounting	Minor	4	40	60	<b>100</b>
<b>Minor Courses- Choose ANY ONE (cannot be the same as Major specialization)</b>					
<b>Multidisciplinary Courses - (To choose from SIU Basket)</b>					
MD1		3	75	0	<b>75</b>
<b>Ability Enhancement Course- Compulsory/ Choose any one/two – whichever is applicable</b>					
Communication Skills		2	50	0	<b>50</b>
<b>Skill Enhancement Course- Compulsory/ Choose any one/two – whichever is applicable</b>					
Business Modelling and Business Plan		3	30	45	<b>75</b>
<b>Common Value-Added Courses (To choose from SIU Basket)</b>					
CVAC1		2	50	0	<b>50</b>
CVAC2		2	50	0	<b>50</b>
<b>Total</b>		20	335	165	<b>500</b>
<b>Notes:</b>					

**Semester: II**

<b>Course Title</b>	<b>Major/ Minor</b>	<b>Credits</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>Discipline-Specific Courses/Major Courses- Compulsory</b>					
Introduction to Operating System	Major	2	20	30	<b>50</b>
Introduction to Python	Major	2	20	30	<b>50</b>
<b>Major Courses- Students to Choose ANY ONE</b>					
<b>Minor Course- Compulsory</b>					
Introduction to Costing	Minor	4	40	60	<b>100</b>
<b>Minor Courses- Choose any one (cannot be the same as Major specialization)</b>					
<b>Multidisciplinary Courses - (To choose from SIU Basket)</b>					
<b>MD2</b>		3	75	0	<b>75</b>
<b>Ability Enhancement Course- Compulsory/ Choose any one/two – whichever is applicable</b>					
Business Communication		2	50	0	<b>50</b>
<b>Skill Enhancement Course- Compulsory/ Choose any one/two – whichever is applicable</b>					
Banking Operations		3	30	45	<b>75</b>
<b>Common Value-Added Courses (To choose from SIU Basket)</b>					
CVAC1		2	50	0	<b>50</b>
CVAC2		2	50	0	<b>50</b>
<b>Total</b>		20	335	165	<b>500</b>
<b>Vocational Courses (Summer): Only for students who wish to exit after the First Year with a Certificate</b>					
Applications of Spreadsheets in Business		4	100	0	100
<b>Total</b>		<b>24</b>	<b>435</b>	<b>165</b>	<b>600</b>

**Notes:**

<b>Semester: III</b>					
<b>Course Title</b>	<b>Major/ Minor</b>	<b>Credits</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>Discipline-Specific Courses/Major Courses- Compulsory</b>					
Relational Database Management System	Major	4	40	60	<b>100</b>
Introduction to Internet of Things	Major	2	20	30	<b>50</b>
IT Tools for Statistics I	Major	2	20	30	<b>50</b>
<b>Major Courses- Students to Choose ANY ONE</b>					
<b>Minor Course- Compulsory</b>					
Human Resource Management	Minor	4	40	60	<b>100</b>
<b>Minor Courses- Choose any one (cannot be the same as Major specialization)</b>					
<b>Multidisciplinary Courses - (To choose from SIU Basket)</b>					
MD3		3	75	0	<b>75</b>
<b>Ability Enhancement Course- Choose any one</b>					
Basic Sanskrit I		2	50	0	<b>50</b>
Basic Hindi I		2	50	0	<b>50</b>
Soft Skills		2	50	0	<b>50</b>
<b>Skill Enhancement Course- Compulsory/ Choose any one/two – whichever is applicable</b>					
Creativity and Innovation		3	30	45	<b>75</b>
<b>Common Value-Added Courses (To choose from SIU Basket)</b>					
CVAC1					
<b>Total</b>		<b>20</b>	<b>275</b>	<b>225</b>	<b>500</b>
Notes:					

<b>Semester: IV</b>					
<b>Course Title</b>	<b>Major/ Minor</b>	<b>Credits</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>Discipline-Specific Courses/Major Courses- Compulsory</b>					
Optimization Techniques in IT	Major	4	40	60	<b>100</b>
Server side Web Technology	Major	4	40	60	<b>100</b>
IT Tools for Statistics II	Major	2	20	30	<b>50</b>
IT Applications for Business Verticals	Major	4	40	60	<b>100</b>
<b>Major Courses- Students to Choose ANY ONE</b>					
<b>Minor Course- Compulsory</b>					
Innovation Management	Minor	2	20	30	<b>50</b>
Introduction to Startup	Minor	2	50	0	<b>50</b>
<b>Minor Courses- Choose any one (cannot be the same as Major specialization)</b>					
<b>Multidisciplinary Courses - (To choose from SIU Basket)</b>					
<b>Ability Enhancement Course- Choose any one</b>					
Basic Sanskrit I		2	50	0	<b>50</b>
Basic Hindi II		2	50	0	<b>50</b>
Creative Writing		2	50	0	<b>50</b>
<b>Skill Enhancement Course- Compulsory/ Choose any one/two – whichever is applicable</b>					
<b>Common Value-Added Courses (To choose from SIU Basket)</b>					
<b>Total</b>		20	260	240	500
<b>Vocational Courses (Summer): Only for students who wish to exit after the Second Year with a Diploma</b>					
Applications of Spreadsheets in Business		4	100	0	100
<b>Total</b>		<b>24</b>	<b>360</b>	<b>240</b>	<b>600</b>
<b>Notes:</b>					

**Semester: V**

<b>Course Title</b>	<b>Major/ Minor</b>	<b>Credits</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>Discipline-Specific Courses/Major Courses- Compulsory</b>					
Business Taxation and Law	Major	4	40	60	<b>100</b>
Enterprise Resource Planning	Major	4	40	60	<b>100</b>
Financial Management	Major	4	40	60	<b>100</b>
Research Methodology	Major	4	40	60	<b>100</b>
<b>Major Courses- Students to Choose ANY ONE</b>					
<b>Minor Course- Compulsory</b>					
<b>Minor Courses- Choose any one (cannot be the same as Major specialization)</b>					
<b>Group 1 : Software Solutions Management</b>					
Software Engineering Practices		4	40	60	<b>100</b>
<b>Group 2 : IT Infrastructure Management</b>					
Network Essentials		2	20	30	<b>50</b>
IT Infrastructure & Service Management		2	20	30	<b>50</b>
<b>Group 3 : Digital Marketing</b>					
Fundamentals of Marketing		2	20	30	<b>50</b>
Services Marketing		2	20	30	<b>50</b>
<b>Total</b>		<b>20</b>	<b>200</b>	<b>300</b>	<b>500</b>

Notes:

<b>Semester: VI</b>					
<b>Course Title</b>	<b>Major/ Minor</b>	<b>Credits</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>Discipline-Specific Courses/Major Courses- Compulsory</b>					
E-Business Technology	Major	4	40	60	<b>100</b>
Essentials of Business Technology	Major	4	40	60	<b>100</b>
Advanced Financial Management	Major	4	40	60	<b>100</b>
Summer Internship	Summer Internship	4	40	60	<b>100</b>
<b>Major Courses- Students to Choose ANY ONE</b>					
<b>Minor Course- Compulsory</b>					
<b>Minor Courses- Choose any one (cannot be the same as Major specialization)</b>					
<b>Group 1 : Software Solutions Management</b>					
Software Testing		4	40	60	<b>100</b>
<b>Group 2 : IT Infrastructure Management</b>					
Network Infrastructure Essential		4	40	60	<b>100</b>
<b>Group 3 : Digital Marketing</b>					
Digital Marketing		4	40	60	<b>100</b>
<b>Total</b>		<b>20</b>	<b>200</b>	<b>300</b>	<b>500</b>
<b>Notes: Continue with the previous Semester group for Minor</b>					

<b>Semester: VII (Honours)</b>					
<b>Course Title</b>	<b>Major/ Minor</b>	<b>Credits</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>Discipline-Specific Courses/Major Courses- Compulsory</b>					
Corporate Governance and Ethics	Major	2	20	30	<b>50</b>
Cryptography	Major	2	20	30	<b>50</b>
Information Technology and Regulatory Compliance	Major	2	20	30	<b>50</b>
E supply Chain Management	Major	2	20	30	<b>50</b>
Introduction to Entrepreneurship	Major	2	20	30	<b>50</b>
Foundations of Ethics	Major	2	20	30	<b>50</b>
Dissertation	Dissertation	4	100	0	<b>100</b>
<b>Major Courses- Students to Choose ANY ONE</b>					
<b>Minor Course- Compulsory</b>					
<b>Minor Courses- Choose any one (cannot be the same as Major specialization)</b>					
<b>Group 1 : Software Solutions Management</b>					
Software Quality Management and Standards		4	40	60	<b>100</b>
<b>Group 2 : IT Infrastructure Management</b>					
Introduction to Cloud Computing		4	40	60	100
<b>Group 3 : Digital Marketing</b>					
E–Customer Relationship Management		4	40	60	<b>100</b>
<b>Total</b>		<b>20</b>	<b>260</b>	<b>240</b>	<b>500</b>
<b>Notes: Continue with the previous Semester group for Minor</b>					

**Semester: VIII (Honours)**

<b>Course Title</b>	<b>Major/ Minor</b>	<b>Credits</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>Discipline-Specific Courses/Major Courses- Compulsory</b>					
<b>Design Thinking and Problem Solving</b>	Major	2	20	30	<b>50</b>
<b>Introduction to International Business</b>	Major	2	20	30	<b>50</b>
<b>Managerial Economics</b>	Major	2	20	30	<b>50</b>
<b>Essentials of Brand Management</b>	Major	2	20	30	<b>50</b>
<b>IT Audit</b>	Major	4	40	60	<b>100</b>
<b>Project</b>	Project	4	40	60	<b>100</b>
<b>Major Courses- Students to Choose ANY ONE</b>					
<b>Minor Course- Compulsory</b>					
<b>Minor Courses- Choose any one (cannot be the same as Major specialization)</b>					
<b>Group 1 : Software Solutions Management</b>					
<b>Foundations of Data Warehousing and Data Mining</b>		4	40	60	<b>100</b>
<b>Group 2 : IT Infrastructure Management</b>					
<b>Information Security</b>		2	20	30	<b>50</b>
<b>Block Chain</b>		2	20	30	<b>50</b>
<b>Group 3 : Digital Marketing</b>					
<b>Marketing Communication - Advertising PR and Events</b>		4	40	60	<b>100</b>
<b>Total</b>		<b>20</b>	<b>200</b>	<b>300</b>	<b>500</b>

**Notes: Continue with the previous Semester group for Minor**

**Semester: VII (Honours with Research)**

<b>Course Title</b>	<b>Major/ Minor</b>	<b>Credits</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>Literature Review</b>		4	40	60	<b>100</b>
<b>Scientific Paper Writing</b>		4	40	60	<b>100</b>
<b>Ethics in Research</b>		4	40	60	<b>100</b>
<b>R Programming</b>		4	40	60	<b>100</b>
<b>Dissertation</b>		4	100	0	<b>100</b>
<b>Total</b>		<b>20</b>	<b>260</b>	240	<b>500</b>

Notes: **Continue with the previous Semester group for Minor**

**Semester: VIII (Honours with Research)**

<b>Course Title</b>	<b>Major/ Minor</b>	<b>Credits</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>Intellectual Property Rights</b>		4	40	60	<b>100</b>
<b>Research Grants Funding</b>		4	40	60	<b>100</b>
<b>Research Project</b>		12	120	180	<b>300</b>
<b>Total</b>		<b>20</b>	<b>200</b>	300	<b>500</b>

Notes: **Continue with the previous Semester group for Minor**