

**SYMBIOSIS INSTITUTE OF COMPUTER STUDIES AND RESEARCH**  
**MASTER OF BUSINESS ADMINISTRATION (INFORMATION TECHNOLOGY)**  
**PROGRAMME STRUCTURE 2015-17**

- 1. OBJECTIVES** To prepare students in applications of information technologies to deliver software solutions.  
The program focuses on
- Imparting training in latest technologies.
  - Exposure to best business practices.
  - Building team leadership qualities and management skills
- As programme relates to current professional practice and the work place, the students are best suited for entry-level positions as:
- Application Programmer: Using latest methodologies, development tools, languages.
  - Business Analyst: Business development, Pre-sales, Selection & Implementation of s/w solutions.
  - Quality Analyst: Implementation of enterprise level quality models, design / implementation of s/w development processes, testing and technical documentation.
- 2. DURATION** Two Year Full Time
- 3. INTAKE** 90 Students
- 4. RESERVATION**
- I. Within the sanctioned intake:
- a) Scheduled Castes - 15%
  - b) Scheduled Tribes - 7.5%
  - c) Differently Abled - 3%
- II. Over and above the sanctioned intake:
- a) Kashmiri Migrants - 2 Seats
  - b) International Students - 15%
- 5. ELIGIBILITY** Graduate of any faculty of any statutory/recognized university with 50% marks (45% for SC/ST)
- 6. SELECTION PROCEDURE** Symbiosis National Aptitude Test Score, Group Exercise, Personal Interaction and Writing Ability Test (GE-PIWAT)
- 7. MEDIUM OF INSTRUCTION** English

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|--|--|------------------------|--|-------------------|--------------|--------------------------------|------------|--------------|---------------------|-------------------------------|--|-------------------|--------------|--------------------------------|------------|--------------|---------------------|
| <b>8. PROGRAMME PATTERN</b>            | Semester Pattern - 4 Semesters   |                        |  |                   |              |                                |            |              |                     |                               |  |                   |              |                                |            |              |                     |
| <b>9. COURSES &amp; SPECIALIZATION</b> | As per Annexure A  |                        |  |                   |              |                                |            |              |                     |                               |  |                   |              |                                |            |              |                     |
| <b>10. FEE</b>                         | <table border="0"> <tr> <td colspan="2"><b>Indian Students</b></td> </tr> <tr> <td>Academic Fee p.a.</td> <td>Rs. 2,97,000</td> </tr> <tr> <td>Institute Deposit (Refundable)</td> <td>Rs. 20,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>Rs. 3,17,000</b></td> </tr> <tr> <td colspan="2"><b>International Students</b></td> </tr> <tr> <td>Academic Fee p.a.</td> <td>Rs. 4,45,500</td> </tr> <tr> <td>Institute Deposit (Refundable)</td> <td>Rs. 20,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>Rs. 4,65,000</b></td> </tr> </table>   | <b>Indian Students</b> |  | Academic Fee p.a. | Rs. 2,97,000 | Institute Deposit (Refundable) | Rs. 20,000 | <b>Total</b> | <b>Rs. 3,17,000</b> | <b>International Students</b> |  | Academic Fee p.a. | Rs. 4,45,500 | Institute Deposit (Refundable) | Rs. 20,000 | <b>Total</b> | <b>Rs. 4,65,000</b> |
| <b>Indian Students</b>                 |  |                        |  |                   |              |                                |            |              |                     |                               |  |                   |              |                                |            |              |                     |
| Academic Fee p.a.                      | Rs. 2,97,000   |                        |  |                   |              |                                |            |              |                     |                               |  |                   |              |                                |            |              |                     |
| Institute Deposit (Refundable)         | Rs. 20,000   |                        |  |                   |              |                                |            |              |                     |                               |  |                   |              |                                |            |              |                     |
| <b>Total</b>                           | <b>Rs. 3,17,000</b>  |                        |  |                   |              |                                |            |              |                     |                               |  |                   |              |                                |            |              |                     |
| <b>International Students</b>          |  |                        |  |                   |              |                                |            |              |                     |                               |  |                   |              |                                |            |              |                     |
| Academic Fee p.a.                      | Rs. 4,45,500   |                        |  |                   |              |                                |            |              |                     |                               |  |                   |              |                                |            |              |                     |
| Institute Deposit (Refundable)         | Rs. 20,000   |                        |  |                   |              |                                |            |              |                     |                               |  |                   |              |                                |            |              |                     |
| <b>Total</b>                           | <b>Rs. 4,65,000</b>  |                        |  |                   |              |                                |            |              |                     |                               |  |                   |              |                                |            |              |                     |
| <b>11. 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.   |                        |  |                   |              |                                |            |              |                     |                               |  |                   |              |                                |            |              |                     |
| <b>12. 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. |                        |  |                   |              |                                |            |              |                     |                               |  |                   |              |                                |            |              |                     |
| <b>13. AWARD OF DEGREE</b>             | <b>Master of Business Administration (Information Technology) MBA(IT)</b> degree 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.   |                        |  |                   |              |                                |            |              |                     |                               |  |                   |              |                                |            |              |                     |

**Annexure A  
Semester I**

Catalog Course Code	Course Code	Course Title	Category	Credits	Internal Marks	External Marks	Total Marks
T3012	030141101	Java SE	C	4	120	80	200
T3115	030141102	Relational Database Management System	C	4	120	80	200
T3117	030141103	Software Engineering	C	4	120	80	200
T3016	030141104	PHP	C	2	100	-	100
T3013	030141105	JavaScript	C	2	100	-	100
T3071	030141106	Basic Business Statistics for Data Analysis	C	2	60	40	100
T3078	030141107	Principles and Practice of IT Enabled Management	C	3	90	60	150
T3285	030141108	Analysis of Business Case using Spreadsheets	C	3	150	-	150
T2281	030141109	Talent Acquisition	C	2	60	40	100
T3282	030141110	Networking and Infrastructure Essentials	C	2	60	40	100
		<b>Total</b>		<b>28</b>	<b>980</b>	<b>420</b>	<b>1400</b>
T4005	030141111	*Integrated Disaster Management	C	-	-	-	Letter Grade

## Semester II

Catalog Course Code	Course Code	Course Title	Category	Credits	Internal Marks	External Marks	Total Marks
T3114	030141201	Object Oriented Analysis Design	C	4	120	80	200
T3120	030141202	Software Project Management	C	4	120	80	200
T3124	030141203	Software Verification And Validation	C	3	90	60	150
T3019	030141204	XML Technologies	C	3	150	-	150
T3074	030141205	Business Process Management	C	3	150	-	150
T3070	030141206	Advanced Business Statistics for Decision Making	OPT1	2	60	40	100
T3037	030141207	Information System Audit	OPT1	2	60	40	100
T2003	030141208	Financial Accounting	C	2	60	40	100
T3290	030141209	Business Analysis and Modeling	C	3	90	60	150
T3001	030141210	Current Trends	C	2	100	-	100
T3038	030141211	IT Audit	OPT2	1	50	-	50
T3097	030141212	Green IT	OPT2	1	50	-	50
<b>Choose any one of OPT1 and of OPT2.</b>							
<b>Select any one Group from below</b>							
<b>Group-A Software Process Management (SPM) - Part I</b>							
T3298	030141213	Software Quality Standards I	OPT	3	90	60	150
T3300	030141214	Software Quality Process and Assurance I	OPT	3	90	60	150

<b>Group-B Data Warehousing and Business Intelligence – Part I</b>							
T3113	030141215	Data Warehousing Architecture and Operations	OPT	3	90	60	150
T3072	030141216	Business Intelligence I	OPT	3	90	60	150
<b>Group-C Banking and Financial Markets – Part I</b>							
T3302	030141217	IT Solutions to Banking and Financial Markets I	OPT	3	90	60	150
T3304	030141218	IT for Financial Management	OPT	3	90	60	150
		<b>Total</b>		<b>33</b>	<b>1170</b>	<b>480</b>	<b>1650</b>

**Semester III**

<b>Catalog Course Code</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Category</b>	<b>Credits</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
T3055	030141301	Information Security Management	OPT2	2	60	40	100
T3031	030141302	BCM, DR and Crisis Response Management	OPT2	2	60	40	100
T3076	030141303	Enterprise Resource Planning	C	2	100	-	100
T3086	030141304	IT Strategy	C	3	90	60	150
T3075	030141305	E-business Management and Strategy	C	3	90	60	150
T3172	030141306	IT Governance	C	2	100	-	100
T3293	030141307	Software Architectures	C	4	120	80	200
T3095	030141308	Requirements Management	OPT3	3	90	60	150
T3136	030141309	System Dynamics Simulation	OPT3	3	90	60	150

T3032	030141310	Computer Forensics - Detection and Prevention of IT Frauds	OPT3	3	90	60	150
T2353	030141311	Entrepreneurship	C	2	100	-	100
T2355	030141312	Innovation Management	OPT4	2	100	-	100
T2139	030141313	Digital Marketing	OPT4	2	100	-	100
<b>Choose any one of OPT2, OPT3 and OPT4.</b>							
<b>Continue with the Group from Semester II</b>							
<b>Group-A Software Process Management (SPM) - Part II</b>							
T3299	030141314	Software Quality Standards II	OPT	3	90	60	150
T3301	030141315	Software Quality Process and Assurance II	OPT	3	90	60	150
<b>Group-B Data Warehousing and Business Intelligence – Part II</b>							
T3112	030141316	Data Warehousing Applications and Data Analysis	OPT	3	90	60	150
T3073	030141317	Business Intelligence II	OPT	3	90	60	150
<b>Group-C Banking and Financial Markets – Part II</b>							
T3303	030141318	IT Solutions for Banking and Financial Markets II	OPT	3	90	60	150
T3305	030141319	Financial Services and Management	OPT	3	90	60	150
		<b>Total</b>		<b>29</b>	<b>1030</b>	<b>420</b>	<b>1450</b>

## Semester IV

Catalog Course Code	Course Code	Course Title	Category	Credits	Internal Marks	External Marks	Total Marks
T3909	030141401	Industry Internship	C	10	300	200	500
		<b>Total</b>		<b>10</b>	<b>300</b>	<b>200</b>	<b>500</b>

## Summary

Semester	Internal Credits	External Credits	Total Credits	Total Marks
Semester I	7	21	28	1400
Semester II	9	24	33	1650
Semester III	8	21	29	1450
Semester IV	-	10	10	500
<b>Total</b>	<b>24</b>	<b>76</b>	<b>100</b>	<b>5000</b>

\*Integrated Disaster Management is mandatory for the award of degree.