



## BSc Information System Management Course Modules & Program Study Plan

### BSc Information Systems Management

Semester I			Semester II		
S.No.	Modules	Credits	S.No.	Modules	Credits
1	Principles of Management	3	1	Technical Communication	3
2	Mathematics & Statistics	4	2	Accounting and Financial Management	3
3	Internet Applications	4	3	Relational Database Management Systems	4
4	Problem Solving Using Computers	4	4	Graphics Design and Applications	3
5	IT Essentials (CISCO)	4	5	Object Oriented Concepts using Java	4
6	Physical Fitness & Wellness	1	6	Open Common Elective*	3
<b>Total</b>		<b>20</b>	<b>Total</b>		<b>20</b>

Semester III			Semester IV		
S.No.	Modules	Credits	S.No.	Modules	Credits
1	Organizational Behavior	4	1	Marketing Principles and IT	4
2	Introduction to Research Methods	4	2	Information Systems	4
3	Computer Networks	4	3	E-Commerce	4
4	Introduction to Data Analytics	4	4	Mobile Application Development	4
5	Event Driven Programming	4	5	The Internet of Things (IOT)	4
<b>Total</b>		<b>20</b>	<b>Total</b>		<b>20</b>

### MINOR SPECIALIZATION: SOFTWARE MANAGEMENT

Semester V			Semester VI		
S.No.	Modules	Credits	S.No.	Modules	Credits
1	Project Management	3	1	Consumer Behavior	3
2	Industry Attachment Program	7	2	Graduation Project	7
3	Web Technology	4	3	Software Engineering	4
4	Elective 1	3	4	Elective 3	3
5	Elective 2	3	5	Elective 4	3
<b>Total</b>		<b>20</b>	<b>Total</b>		<b>20</b>



**MINOR SPECIALIZATION: NETWORK MANAGEMENT**

Semester V			Semester VI		
S.No.	Modules	Credits	S.No.	Modules	Credits
1	Project Management	3	1	Consumer Behavior	3
2	Industry Attachment Program	7	2	Graduation Project	7
3	Routing and switching	4	3	Enterprise Networking Security and Automation	4
4	Elective 1	3	4	Elective 3	3
5	Elective 2	3	5	Elective 4	3
<b>Total</b>		<b>20</b>	<b>Total</b>		<b>20</b>

**MINOR SPECIALIZATION: BUSINESS ANALYTICS**

Semester V			Semester VI		
S.No.	Modules	Credits	S.No.	Modules	Credits
1	Project Management	3	1	Consumer Behavior	3
2	Industry Attachment Program	7	2	Graduation Project	7
3	Data Visualization	4	3	Business intelligence	4
4	Elective 1	3	4	Elective 3	3
5	Elective 2	3	5	Elective 4	3
<b>Total</b>		<b>20</b>	<b>Total</b>		<b>20</b>

S.No.	Electives for Software Management
1	Multimedia Applications
2	Artificial Intelligence
3	Recent Trends in Software Management
4	Object Oriented Modelling and Design
5	Embedded Systems
6	Advanced Database Management Systems
7	Data Mining and Data warehousing

S.No.	Electives for Network Management
1	Network Programming
2	Linux Administration
3	System and Network Administration
4	Recent Trends in Network Management
5	Principles of Telecommunications
6	Backup Recovery System and Architecture
7	Cryptography and Network Security

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