

**CMJ UNIVERSITY, SHILLONG**  
**REGULATION FOR BSc (IT)**  
 Duration – Three Years

**FIRST YEAR**

<i>COURSE TITLE</i>	<i>Paper Code</i>	<b>MARKS</b>		
		<b>THEORY</b>	<b>PRACTICAL</b>	<b>TOTAL</b>
INTRODUCTION TO IT	BIT 110	100	00	100
COMPUTER ARCHITECTURE	BIT 120	100	00	100
PROGRAMMING METHODOLOGY	BIT 130/ BIT 130P	50	50	100
COMPUTER NETWORK AND DATA COMMUNICATION	BIT 140	100	00	100
DATABASE MANAGEMENT SYSTEM	BIT 210/ BIT 210P	50	50	100
DATA STRUCTURE AND ALGORITHMS	BIT 220/ BIT 220P	50	50	100
BUSINESS COMMUNICATION SKILL	BIT 230	100	00	100
OPERATING SYSTEM	BIT 240	100	00	100

**SECOND YEAR**

<i>COURSE TITLE</i>	<i>Paper Code</i>	<b>MARKS</b>		
		<b>THEORY</b>	<b>PRACTICAL</b>	<b>TOTAL</b>
MANAGEMENT PRACTICES AND ORGANIZATIONAL BEHAVIOR	BIT 310	100	00	100
COMPUTATIONAL TECHNIQUES	BIT 320/ BIT 320P	50	50	100
INTERNET AND IT'S APPLICATIONS	BIT 330	100	00	100
OBJECT ORIENTED PROGRAMMING USING C++	BIT 340/ BIT 340P	50	50	100
PC BASED OFFICE SOFTWARE PACKAGES	BIT 410/ BIT 410P	50	50	100
SYSTEM ANALYSIS AND DESIGN	BIT 420	100	00	100
VISUAL PROGRAMMING	BIT 430/ BIT 430P	50	50	100
OPERATIONS RESEARCH TECHNIQUES	BIT 440	100	00	100

**THIRD YEAR**

<i>COURSE TITLE</i>	<i>Paper Code</i>	<b>MARKS</b>		
		<b>THEORY</b>	<b>PRACTICAL</b>	<b>TOTAL</b>
MATHEMATICAL FOUNDATION FOR COMPUTER SCIENCE	BIT 510	100	00	100
PROGRAMMING IN JAVA	BIT 520/ BIT 520P	50	50	100
INTERNET AND WEB DESIGNING	BIT 530/ BIT 530P	50	50	100
INFORMATION SYSTEM	BIT 540	100	00	100
DISTRIBUTED COMPUTING	BIT 610	100	00	100
ADVANCED JAVA PROGRAMMING	BIT 620/ BIT 620P	50	50	100
PROGRAMMING USING C#	BIT 630/ BIT 630P	50	50	100
SOFTWARE QUALITY MANAGEMENT AND TESTING	BIT 640	100	00	100