

## BACHELOR OF SCIENCE IN COMPUTER SCIENCES

Name of Student: ..... Admission No: .....

The Bachelor of Science in Computer Sciences shall comprise of the units below:

		<b>Units</b>	<b>Hrs</b>
<b>1</b>	<b>Foundation Courses</b>	8	24
<b>2</b>	<b>Programme Core Courses</b>	43	129
<b>3</b>	<b>Projects</b>	2	6
<b>4</b>	<b>Community Service</b>	1	3
<b>5</b>	<b>Industrial Attachment</b>	2	6
<b>Total</b>		<b>58</b>	<b>168</b>

<b>CODE</b>	<b>COURSE TITLE</b>	<b>GRADE OBTAINED</b>	<b>SEMESTER DONE</b>
<b>1.1</b>			
RCS 101	DIGITAL LOGIC		
RCS 103	CALCULUS		
RCS 105	DISCRETE STRUCTURES		
*RCS 107	INTRODUCTION TO COMPUTER PROGRAMMING		
*RCS 109	INTRODUCTION TO COMP. SYSTEMS		
RFC 101	COMMUNICATION & WRITING SKILLS		
RFC 104	CREATIVE AND CRITICAL THINKING		
<b>1.2</b>			
*RCS 102	OBJECT-ORIENTED PROGRAMMING		
*RCS 104	SYSTEM ANALYSIS AND DESIGN		
RCS 106	PROBABILITY AND STATISTICS		
RCS 108	COMPUTER ORGANIZATION & ASSEMBLY		
*RAC 101	PRINCIPLES OF FINANCIAL ACCOUNTING		
RBA 102	PRINCIPLES OF MANAGEMENT		
RFC 113	HEALTH AND WELLNESS		

**2.1**

RCS 201	DATA STRUCTURE AND ALGORITHM		
RCS 203	COMPUTER ARCHITECTURE		
*RCS 205	OPERATING SYSTEMS		
*RCS 207	DATABASE SYSTEMS		
*RCS 209	FUNDAMENTALS OF COMPUTER NETWORKS		
RFC 206	ENTREPRENEURSHIP AND INNOVATION		
RFC	ELECTIVE		
RFC	ELECTIVE		

**2.2**

*RCS 202	WEB APPLICATION DEVELOPMENT 1		
RCS 204	THEORY OF COMPUTATION		
*RCS 208	OBJECT ORIENTED ANALYSIS AND DESIGN		
RCS 210	INTRODUCTION TO EMBEDDED SYSTEMS		
RFC 205	COMMUNITY SERVICE		
RFC	ELECTIVE		
RFC	ELECTIVE		

**3.1**

RBA 301	ORGANIZATIONAL BEHAVIOR		
*RCS 303	WIRELESS NETWORKS		
*RCS 305	SOFTWARE ENGINEERING		
*RCS 307	EVENT PROGRAMMING		
*RCS 309	INTRODUCTION TO ARTIFICIAL INTELLIGENCE		
RCS 311	HUMAN COMPUTER INTERACTION		
*RCS 313	DISTRIBUTED SYSTEMS		

**3.2**

RCS 302	COMPILER CONSTRUCTIONS		
RCS 304	COMPUTER SIMULATION AND MODELING		
RCS 306	COMPUTER SCIENCE SEMINAR AND RESEARCH		
*RCS 308	SYSTEM DEVELOPMENT METHODOLOGIES		
RCS 310	MULTIMEDIA SYSTEMS		

*RCS 312	ICT PROJECT MANAGEMENT		
	ELECTIVE 1		
*RCS 316	INDUSTRIAL ATTACHMENT		
<b>4.1</b>			
*RCS 401	MANAGEMENT INFORMATION SYSTEM (4.1)		
*RCS 403	COMPUTER AND THE SOCIETY		
	ELECTIVE 2		
	ELECTIVE 3		
*RCS 405	COMPUTER SCIENCE PROJECT (1)		
<b>4.2</b>			
*RCS 402	CRYPTOGRAPHY AND INFORMATION SECURITY		
RCS 404	STATISTICAL METHOD		
*RCS 406	KNOWLEDGE MANAGEMENT		
	ELECTIVE 4		
	ELECTIVE 5		
RCS 405	COMPUTER SCIENCE PROJECT (2)		

**Student's Signature:** .....

**Date:** .....

**Confirmed by Examinations Officer:** .....

**Date:** .....

**Signed by Registrar:** .....

**Date:** .....

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