

MAULANA AZAD NATIONAL URDU UNIVERSITY, HYDERABAD

(Accredited "A" Grade by NAAC)

Course Curriculum and Evaluation Scheme : Session - 2019-23

Bachelor of Technology (Computer Science)

PROGRAM NAME	Bachelor of Technology (Computer Science)		
PROGRAM CODE	BTCS	PROGRAM ID	19BCS0
COURSE DELIVERY	Semester With Grading	COURSE TYPE	Regular
COURSE DURATION	8 Semesters	MAX DURATION	12 Semesters
PASS PERCENT	50	ATTENDENCE PERCENT	75

Degree Award Definition (DIV01)

9.0 - 10.1	O
7.5 - 9.0	A+
6.0 - 7.5	A
5.5 - 6.0	B+
5.0 - 5.5	B
4.5 - 5.0	C
4.0 - 4.5	P
0.0 - 4.0	F

Grade Point Definition (GPG01)

90 < 100	O	10
75 < 90	A+	9
60 < 75	A	8
55 < 60	B+	7
50 < 55	B	6
45 < 50	C	5
40 < 45	P	4
0 < 40	F	0

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1 : PROGRAM SPECIFIC COURSES										SEM - 1			
1	BMT1A1	BTCS101BST	ENGINEERING MATHEMATICS - I	2	3	3	0	30	70	0	0	100	4
2	BPH1A2	BTCS102BST	ENGINEERING PHYSICS	2	3	3	0	30	70	0	0	100	4
3	BEE1A1	BTCS101EST	BASIC ELECTRICAL ENGINEERING	2	3	3	0	30	70	0	0	100	4
4	BME1A1	BTCS111EST	ENGINEERING GRAPHICS & DESIGN	1	4	0	0	30	70	0	0	100	3
5	BEE1A5	BTCS150ESP	BASIC ELECTRICAL ENGINEERING LAB	2	3	3	0	0	0	50	50	100	2
6	BPH1B5	BTCS150BSP	ENGINEERING PHYSICS LAB.	2	3	3	0	0	0	50	50	100	2
7	* BLU1V1	BTCS101NCT	TARSEEL-E-URDU.	5	3	3	0	30	70	0	0	100	2

Sl	PaperID	Paper Code	Paper Name	Paper Cat.	Periods L	P	T	Th. Marks IA	UE	Lab Marks IA	UE	Total Marks	Credits
4 : NON-CGPA CBCS COURSES (OFFERED TO 2019-23 BATCH)										SEM - 1			
1	* OSP002	CCPE051NCP	SPORTS AND PHYSICAL EDUCATION(CRICKET)	5	0	4	0	0	0	50	0	50	2
2	* OCU002	CCNC050NCP	NATIONAL CADET CORPS	5	0	4	0	0	0	50	0	50	2
3	* OSP005	CCPE054NCP	SPORTS AND PHYSICAL EDUCATION(FOOT BALL)	5	0	4	0	0	0	50	0	50	2

End of Part /Sem - 1

PASS PERCENTAGE

INTERNAL ASSESSMENT (IA)	40
SEMESTER END EXAM (UE)	40
INTERNAL ASSESSMENT PRACTICAL	50
UE EXAM PRACTICAL	50
TOTAL	40

BACKLOG : MINIMUM 'CGPA'REQUIRED FOR PROMOTION

CGPA 0

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1 : PROGRAM SPECIFIC COURSES										SEM - 2			
1	BMT2A1	BTCS201BST	ENGINEERING MATHEMATICS - II	2	4	0	0	30	70	0	0	100	4
2	BPH2A1	BTCS212EST	ENGINEERING MECHANICS	2	4	0	0	30	70	0	0	100	4
3	BCS212	BTCS211BST	ENGINEERING CHEMISTRY	1	4	0	0	30	70	0	0	100	4
4	BCS213	BTCS260BSP	ENGINEERING CHEMISTRY LAB	1	0	4	0	0	0	50	50	100	2
5	BCS2A2	BTCS211EST	PROGRAMMING FOR PROBLEM SOLVING	1	4	0	0	30	70	0	0	100	4
6	BCS2A3	BTCS211HST	ENGLISH COMMUNICATION	1	4	0	0	15	35	0	0	50	4
7	BCS2A4	BTCS260HSP	ENGLISH COMMUNICATION LAB	1	0	2	0	0	0	50	50	100	1
8	BCS2B6	BTCS260ESP	BASIC PROGRAMMING LAB	1	0	4	0	0	0	50	50	100	2
9	BCS2B7	BTCS251ESP	ENGINEERING WORKSHOP	1	0	6	0	0	0	50	50	100	3
2 : CBCS COURSES (OFFERED TO 2019-23 BATCH)										SEM - 2			
1	BBT2C1	UGBT201AET	ENVIRONMENTAL SCIENCE	3	3	3	0	30	70	0	0	100	2
2	BIS2V1	UGIS201NCT	ISLAMİYAT - II	5	3	3	0	30	70	0	0	100	2

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4 : NON-CGPA CBCS COURSES (OFFERED TO 2019-23 BATCH)										SEM - 2			
1	* OCU002	CCNC050NCP	NATIONAL CADET CORPS	5	0	4	0	0	0	50	0	50	2
2	* OSP003	CCPE052NCP	SPORTS AND PHYSICAL EDUCATION(BADMINTON)	5	0	4	0	0	0	50	0	50	2

End of Part /Sem - 2

PASS PERCENTAGE

BACKLOG : MINIMUM 'CGPA'REQUIRED FOR PROMOTION

INTERNAL ASSESSMENT (IA)	40	CGPA	5
SEMESTER END EXAM (UE)	40		
INTERNAL ASSESSMENT PRACTICAL	50		
UE EXAM PRACTICAL	50		
TOTAL	40		

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1 : PROGRAM SPECIFIC COURSES										SEM - 3			
1	BCS301	BTCS301PCT	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE	1	4	0	0	30	70	0	0	100	4
2	BCS302	BTCS302PCT	DATA STRUCTURES	1	4	0	0	30	70	0	0	100	4
3	BCS303	BTCS303PCT	COMPUTER ORGANIZATION	1	4	0	0	30	70	0	0	100	4
4	BCS304	BTCS304PCT	DIGITAL LOGIC DESIGN	1	4	0	0	30	70	0	0	100	4
5	BCS315	BTCS350PCP	DATA STRUCTURES LAB	1	0	4	0	0	0	15	35	50	2
6	BCS316	BTCS351PCP	COMPUTER ORGANISATION AND DIGITAL LOGIC DESIGN LAB	1	0	4	0	0	0	15	35	50	2
7	BCS3A1	BTCS301BST	PROBABILITY AND STATISTICS	1	4	0	0	30	70	0	0	100	4
8	BCS305	BTCS311EST	ANALOG ELECTRONIC CIRCUITS	1	4	0	0	30	70	0	0	100	4

End of Part /Sem - 3

PASS PERCENTAGE

BACKLOG : MINIMUM 'CGPA' REQUIRED FOR PROMOTION

INTERNAL ASSESSMENT (IA)	40	CGPA	0
SEMESTER END EXAM (UE)	40		
INTERNAL ASSESSMENT PRACTICAL	50		
UE EXAM PRACTICAL	50		
TOTAL	40		

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1 : PROGRAM SPECIFIC COURSES										SEM - 4			
1	BCS401	BTCS401PCT	JAVA PROGRAMMING	1	4	0	0	30	70	0	0	100	4
2	BCS402	BTCS402PCT	DATA BASE MANAGEMENT SYSTEM	1	4	0	0	30	70	0	0	100	4
3	BCS403	BTCS403PCT	OPERATING SYSTEM	1	4	0	0	30	70	0	0	100	4
4	BCS404	BTCS404PCT	FORMAL LANGUAGES AND AUTOMATA THEORY	1	4	0	0	30	70	0	0	100	4
5	BCS415	BTCS450PCP	JAVA PROGRAMMING LAB	1	0	4	0	0	0	15	35	50	2
6	BCS416	BTCS451PCP	DATA BASE MANAGEMENT SYSTEM LAB	1	0	4	0	0	0	50	50	100	2
7	BCS4A1	BTCS401HST	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	2	4	0	0	30	70	0	0	100	4

End of Part /Sem - 4

PASS PERCENTAGE

INTERNAL ASSESSMENT (IA)	40
SEMESTER END EXAM (UE)	40
INTERNAL ASSESSMENT PRACTICAL	50
UE EXAM PRACTICAL	50
TOTAL	40

BACKLOG : MINIMUM 'CGPA'REQUIRED FOR PROMOTION

CGPA 5

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1 : PROGRAM SPECIFIC COURSES										SEM - 5			
1	BCS501	BTCS501PCT	DATA COMMUNICATION & COMPUTER NETWORKS	1	4	0	0	30	70	0	0	100	4
2	BCS502	BTCS502PCT	DESIGN ANALYSIS AND ALGORITHMS	1	4	0	0	30	70	0	0	100	4
3	BCS503	BTCS503PCT	COMPILER DESIGN	1	4	0	0	30	70	0	0	100	4
4	BCS504	BTCS504PCT	PRINCIPLES OF PROGRAMMING LANGUAGES	1	4	0	0	30	70	0	0	100	4
5	BCS505	BTCS505PCT	MICROPROCESSORS & ASSEMBLY LANGUAGE	1	4	0	0	30	70	0	0	100	4
6	BCS515	BTCS550PCP	COMPILER DESIGN & COMPUTER NETWORKS LAB	1	0	4	0	0	0	15	35	50	2
7	BCS516	BTCS551PCP	MICROPROCESSORS & ASSEMBLY LANGUAGE LAB	1	0	4	0	0	0	15	35	50	2

End of Part /Sem - 5

PASS PERCENTAGE

INTERNAL ASSESSMENT (IA)	40
SEMESTER END EXAM (UE)	40
INTERNAL ASSESSMENT PRACTICAL	50
UE EXAM PRACTICAL	50
TOTAL	40

BACKLOG : MINIMUM 'CGPA'REQUIRED FOR PROMOTION

CGPA	0
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1 : PROGRAM SPECIFIC COURSES										SEM - 6			
1	BCS601	BTCS601PCT	OBJECT ORIENTED ANALYSIS AND DESIGN	1	4	0	0	30	70	0	0	100	4
2	BCS602	BTCS602PCT	COMPUTER GRAPHICS	1	4	0	0	30	70	0	0	100	4
3	BCS603	BTCS603PCT	SOFTWARE ENGINEERING	1	4	0	0	30	70	0	0	100	4
4	BCS604	BTCS604PCT	DATA WARE HOUSING AND DATA MINING	1	4	0	0	30	70	0	0	100	4
5	BCS605	BTCS605PCT	E-COMMERCE	1	4	0	0	30	70	0	0	100	4
6	BCS615	BTCS650PCP	UNIFIED MODELING LANGUAGE LAB	1	0	4	0	0	0	15	35	50	2
7	BCS616	BTCS651PCP	COMPUTER GRAPHICS LAB	1	0	4	0	0	0	15	35	50	2

End of Part /Sem - 6

PASS PERCENTAGE

INTERNAL ASSESSMENT (IA)	40
SEMESTER END EXAM (UE)	40
INTERNAL ASSESSMENT PRACTICAL	50
UE EXAM PRACTICAL	50
TOTAL	40

BACKLOG : MINIMUM 'CGPA'REQUIRED FOR PROMOTION

CGPA 5

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1 : PROGRAM SPECIFIC COURSES										SEM - 7			
1	BCS701	BTCS701PCT	LINUX PROGRAMMING	1	4	0	0	30	70	0	0	100	4
2	BCS702	BTCS702PCT	SOFTWARE TESTING METHODOLOGIES	1	4	0	0	30	70	0	0	100	4
3	BCS703	BTCS703PCT	WEB TECHNOLOGIES	1	4	0	0	30	70	0	0	100	4
4	BCS715	BTCS750PCP	LINUX PROGRAMMING LAB	1	0	4	0	0	0	50	50	100	2
5	BCS716	BTCS751PCP	WEB TECHNOLOGIES LAB	1	0	4	0	0	0	15	35	50	2
6	BCS717	BTCS752PCP	MINOR PROJECT	1	0	4	0	0	0	15	35	50	2

End of Part /Sem - 7

PASS PERCENTAGE

BACKLOG : MINIMUM 'CGPA'REQUIRED FOR PROMOTION

INTERNAL ASSESSMENT (IA)	40	CGPA	0
SEMESTER END EXAM (UE)	40		
INTERNAL ASSESSMENT PRACTICAL	50		
UE EXAM PRACTICAL	50		
TOTAL	40		

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1 : PROGRAM SPECIFIC COURSES										SEM - 8			
1	BCS801	BTCS801PCT	NETWORK SECURITY	1	4	0	0	30	70	0	0	100	4
2	BCS815	BTCS850PCP	MAJOR PROJECT	1	0	24	0	0	0	15	35	50	12

End of Part /Sem - 8

PASS PERCENTAGE

BACKLOG : MINIMUM 'CGPA' REQUIRED FOR PROMOTION

INTERNAL ASSESSMENT (IA)	40	CGPA	5
SEMESTER END EXAM (UE)	40		
INTERNAL ASSESSMENT PRACTICAL	50		
UE EXAM PRACTICAL	50		
TOTAL	40		

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