

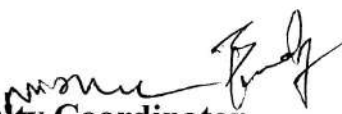
INVERTIS UNIVERSITY BAREILLY

Department of Computer Applications


Humanities & Social science courses

Program Name: B.Sc. (H) CS
BoS Approval date: 18-19

S.No.	Couse Name	L	T	P	C
CSH307	Environment & Ecology	2	0	0	2
CSH405	Human Values and Ethics	2	0	0	2
CSH207	Principle of Management	2	0	0	2
CSH105	Industrial Applications	2	0	0	2
Total:		8	0	0	8


Faculty Coordinator


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Head
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INVERTIS UNIVERSITY, BAREILLY
Faculty of Computer Applications (BSC.CS)

Curriculum Analysis (Course Category)

Regulation: BSC.CS 2020-21

Category	L	T	P	C
AECC (Ability Enhancement Competency Course)	2	0	0	2
Skill Enhancement Elective (SEE)	4	0	0	4
General Elective Course (GSC)	4	0	0	4
Cross Cutting Course (CCC)	66	17	32	94
Discipline Specific Electives (DSE)	45	19	0	60
TOTAL	121	36	32	164



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Faculty of Computer Applications (BSC.CS)

AECC COURSES LIST

Regulation: BSC.CS 2020-21

Course Name	L	T	P	C
CSH105 INDUSTRIAL APPLICATIONS	2	0	0	2
TOTAL	2	0	0	2

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Skill Enhancement Elective (SEE) Courses List

Regulation: BSC.CS 2020-21

Course Name	L	T	P	C
CSH506 DATA MINING	2	0	0	2
CSH606 DIGITAL MARKETING	2	0	0	2
TOTAL	4	0	0	4

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Cross Cutting Courses List

Regulation: BSC.CS 2020-21

Course Name	L	T	P	C
CSH101 COMPUTER FUNDAMENTALS	5	1	0	6
CSH102 PROGRAMMING USING C	3	1	0	4
CSH103 DIGITAL ELECTRONICS AND APPLICATIONS	3	1	0	4
CSH151 C PROGRAMMING LAB	0	0	4	2
CSH152 DIGITAL ELECTRONICS LAB	0	0	4	2
CSH204 DATA STRUCTURES USING C	3	1	0	4
CSH205 OPERATING SYSTEM	5	1	0	6

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CSH206 PROGRAMMING IN C++	3	1	0	4
CSH252 DATA STRUCTURES LAB	0	0	4	2
CSH253 C++ LAB	0	0	4	2
CSH301 RDBMS	3	1	0	4
CSH305 JAVA PROGRAMMING	3	1	0	4
CSH306 SOFTWARE ENGINEERING	5	1	0	6
CSH351 RDBMS LAB	0	0	4	2
CSH353 JAVA LAB	0	0	4	2
CSH402 COMPUTER GRAPHICS	3	1	0	4
CSH406 PROGRAMMING IN PYTHON	3	1	0	4
CSH407 CRYPTOGRAPHY AND DATA SECURITY	5	1	0	6

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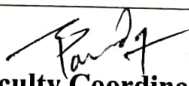
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CSH408 COMPUTER NETWORKING	5	1	0	6
CSH453 PYTHON LAB	0	0	4	2
CSH451 COMPUTER GRAPHICS LAB	0	0	4	2
CSH502 INTERNET TECHNOLOGIES	3	1	0	4
CSH505 GUI .NET FRAMEWORK	3	1	0	4
CSH514 MATLAB	3	1	0	4
CSH605 PHP	3	1	0	4
TOTAL	66	17	32	94


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Faculty of Computer Applications (BSC.CS)
Discipline Specific Elective

Regulation: BSC.CS 2020-21

Course Name	L	T	P	C
CSH511 ARTIFICIAL INTELLIGENCE	4	2	0	6
CSH512 ARTIFICIAL NEURAL NETWORK	4	2	0	6
CSH513 THEORY OF COMPUTATION	4	2	0	6
CSH515 SOFTWARE TESTING AND QUALITY ASSURANCE	4	2	0	6
CSH516 MULTIMEDIA AND ITS APPLICATIONS	4	2	0	6
CSH517 UNIX AND SHELL PROGRAMMING	4	2	0	6
CSH611 NUMERICAL ALGORITHMS AND OPERATION RESEARCH	3	1	0	4
CSH612 SIMULATION AND MODELLING	3	1	0	4
CSH613 INTERNET OF THINGS	3	1	0	4
CSH614 E-BUSINESS	3	1	0	4
CSH615 ENTERPRISE	3	1	0	4

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RESOURCE PLANNING				
CSH616 MOBILE COMPUTING	3	1	0	4
CSH617 DIGITAL IMAGE PROCESSING	3	1	0	4
TOTAL	45	19	0	60


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Faculty of Computer Applications (BSC.CS)

GENERAL ELECTIVE COURSE (GSC) Courses List

Regulation: BSC.CS 2020-21

Course Name	L	T	P	C
DISCRETE STRUCTURES	2	0	0	2
CSH307 ENVIRONMENT AND ECOLOGY	2	0	0	2
TOTAL	4	0	0	4



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