



Serial No: 005025

The University of Haripur

Pakistan

It is hereby Certified that

Mr. Iftikhar Ahmad

Son / Daughter of

Mr. Ghulam Rasool

a student of

Department of Information Technology

after having satisfied all the conditions prescribed by the University is
duly

admitted to the degree of

Bachelor of Science

in

Computer Sciences

The examination was taken as whole/~~in parts~~

Session Fall 2015-Spring 2019

Registration No 15F-UH-394

Roll No 7483

Result Declared on 15th October, 2019

Controller of Examinations



Vice Chancellor



The University of Haripur

Serial No: 042900

TRANSCRIPT

Session Fall 2015 – Spring 2019

Certified that Iftikhar Ahmad S/O Ghulam Rasool Registration No. 15F-UH-394, Department of Information Technology has completed and passed all the requisite courses/examinations as whole for the degree of Bachelor of Science in Computer Sciences on 15th October, 2019 from The University of Haripur



The details of the courses passed are as follow:

Semester/Course Title	NG	Cr.	GP	G	Semester/Course Title	NG	Cr.	GP	G
Semester 1					Semester 5				
Programing Fundamentals	3.5	4	14	B	Design and Analysis of Algorithms	3	3	9	B-
Pak Studies+Islamic Studies/Ethics	2.7	3	8.1	C+	Computer Networks	2.1	3	6.3	C-
English Composition and Comprehension (English)	2.2	3	6.6	C-	Data Ware House And Mining	2.8	3	8.4	C+
Introduction to Information and Communication Technology	3	4	12	B-	Theory of Automata And Formal Languages	1.2	3	3.6	D
Calculus and Analytical Geometry	2	3	6	C-	Software Engineering -II	2.8	3	8.4	C+
Semester 2					Semester 6				
Probability & Statistics	3	3	9	B-	Compiler Construction	3.3	3	9.9	B
Multivariable Calculus	1	3	3	D	Artificial Intilligence	3	3	9	B-
Discrete Structures	1	3	3	D	Digital Image Processing	3	3	9	B-
Technical & Business Writing	2.2	3	6.6	C-	Numerical Computation	1.2	3	3.6	D
Object Oriented Programming	2.2	3	6.6	C-	System Programming	3.7	3	11.1	B+
Semester 3					Network Security	3	3	9	B-
Communication Skills	2.9	3	8.7	C+	Semester 7				
Linear Algebra	1	3	3	D	Human Computer Interaction	2	3	6	C-
Digital Logic Design	2.7	3	8.1	C+	Microprocessor and Assembly Language	2.2	3	6.6	C-
Web Engineerig	2.6	3	7.8	C+	Machine Learning	1.9	3	5.7	D
Electromagnetic Theory	1.4	3	4.2	D	Entrepreneurship	3.9	3	11.7	B+
Data Structure & Algorrithm	2	3	6	C-	Senior project I	4	3	12	A-
Semester 4					Semester 8				
Operating Systems	2.4	3	7.2	C	Professional Practices	3.5	3	10.5	B
Computer Organization & Assembly	1.5	3	4.5	D	Parallel and Distributed Computing	3.5	3	10.5	B
Data Communication	2.5	3	7.5	C	Economics	3.5	3	10.5	B
Data Base Systems	2.1	3	6.3	C-	Human Resourse Management	4	3	12	A-
Differential equations	1	3	3	D	Senior project II	3	3	9	B-
Introduction to Software Engineering	2.6	3	7.8	C+					

Errors and Omissions are accepted.

Total Credit Hours: 131
 *Discounted Credit Hours: 0
 Net Credit Hours: 131
 Total GP: 330.8
 CGPA: 2.53
 Marks Obtained: 2802 /4300
 Percentage: 65.16
 CNIC: 71301-5437150-1
 Prepared By:

Controller of Examinations