



No. CE / 1258

Dated: 06-08-24

UNIVERSITY OF AGRICULTURE FAISALABAD

OFFICIAL TRANSCRIPT OF RECORD

NAME: ALI HASSAN

FATHER's NAME MUHAMMAD ANWAAR

REGD.No. 2020-ag-7188

DATE OF BIRTH: 01/02/2002

DEGREE: BS (Computer Science)

JOINED UNIVERSITY IN THE ACADEMIC SESSION: 2020-2021

COMMENCED ON 15-09-2020

RESULT NOTIFIED VIDE No.: CE/991/BSCS/BW.,2024

DATE: 19-07-2024

Course No.	Title of Course	Sub.Type	Credit Ho	Max.	Marks	Grade	Quality	Remarks
FIRST SEMESTER WINTER 2020-2021								
CS-305	Introduction to information and Communication Technologies	Major	3(2-1)	60	44	B	10.67	
BBA-410	Pakistan Economics	Major	3(3-0)	60	39	B	9.00	
PY-305	Basic Electronics	Major	3(2-1)	60	31	C	6.33	
MATH-303	Linear Algebra	Major	3(3-0)	60	40	B	9.33	
ENG-301	Composition and Communication Skills	Major	3(3-0)	60	41	B	9.67	
SSH-202	Pakistan Studies	Major	2(2-0)	40	26	B	6.00	
SECOND SEMESTER SPRING 2020-2021								
CS-306	Digital Logic Design	Major	3(2-1)	60	45	B	11.00	
CS-308	Programming Fundamentals	Major	3(2-1)	60	39	B	9.00	
MATH-304	Multivariable Calculus	Major	3(3-0)	60	44	B	10.67	
BBA-507	Financial Management	Major	3(2-1)	60	42	B	10.00	
ENG-406	Advanced Exercises and Communication Skills	Major	3(3-0)	60	40	B	9.33	
IS-401	Islamic Studies	Major	3(3-0)	60	46	B	11.33	
THIRD SEMESTER WINTER 2021-2022								
SE-401	Software Engineering	Major	3(2-1)	60	35	C	7.67	
CS-405	Discrete Structures	Major	3(3-0)	60	48	A	12.00	
CS-407	Operating Systems	Major	3(2-1)	60	48	A	12.00	
CS-409	Object Oriented Programming	Major	3(2-1)	60	44	B	10.67	
MATH-501	Differential Equations	Major	3(3-0)	60	55	A	12.00	
SSH-405	Current Affairs	Major	3(3-0)	60	33	C	7.00	
FOURTH SEMESTER SPRING 2021-2022								
CS-406	Data Communication and Networks	Major	3(2-1)	60	50	A	12.00	
CS-408	Database Systems	Major	3(2-1)	60	40	B	9.33	
CS-410	Data Structure and Algorithms	Major	3(2-1)	60	44	B	10.67	
STAT-402	Statistics and Probability	Major	3(2-1)	60	30	C	6.00	
MATH-513	Operations Research	Major	3(3-0)	60	48	A	12.00	
CS-412	Visual Programming	Major	3(2-1)	60	52	A	12.00	

Note: This certificate is valid when signed and stamped by the Controller of Examinations, University of Agriculture Faisalabad (Pakistan)

Prepared By: [Signature]

Checked By: [Signature]

Controller of Examinations
University of Agriculture, Faisalabad
[Signature]



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Course No.	Title of Course	Sub.Type	Credit Ho	Max.	Marks	Grade	Quality	Remarks
FIFTH SEMESTER WINTER 2022-2023								
CS-503	Design and Analysis of Algorithms	Major	3(2-1)	60	51	A	12.00	
CS-505	Computer Organization and Assembly Language	Major	3(2-1)	60	49	A	12.00	
CS-507	System Programming	Major	3(2-1)	60	48	A	12.00	
CS-509	Digital Signal Processing	Major	3(2-1)	60	48	A	12.00	
CS-511	Artificial Intelligence	Major	3(2-1)	60	51	A	12.00	
CS-513	Web Programming	Major	3(2-1)	60	51	A	12.00	
SIXTH SEMESTER SPRING 2022-2023								
CS-502	Data Encryption and Security	Major	3(2-1)	60	56	A	12.00	
CS-504	Digital Image Processing	Major	3(2-1)	60	48	A	12.00	
CS-506	Big Data Analytics	Major	3(2-1)	60	48	A	12.00	
CS-508	Cloud Computing	Major	3(2-1)	60	41	B	9.67	
CS-510	Internet of Things	Major	3(2-1)	60	48	A	12.00	
CS-512	Mobile Application Development	Major	3(2-1)	60	48	A	12.00	
SEVENTH SEMESTER WINTER 2023-2024								
CS-601	Graph Theory	Major	3(3-0)	60	53	A	12.00	
CS-603	Compiler Construction	Major	3(2-1)	60	56	A	12.00	
IT-601	Human Computer Interaction	Major	3(2-1)	60	49	A	12.00	
CS-605	Theory of Automata	Major	3(2-1)	60	50	A	12.00	
CS-609	Research Report	Major	2(0-2)	40	33	A	8.00	
BBA-409	Introduction to HRM	Major	3(3-0)	60	42	B	10.00	
EIGHTH SEMESTER SPRING 2023-2024								
CS-608	Internship	Major	2(0-2)	40	36	A	8.00	
CS-610	Final Year Project	Major	4(0-4)	80	64	A	16.00	
BBA-510	Entrepreneurship	Major	3(3-0)	60	39	B	9.00	

Note: This certificate is valid when signed and stamped by the Controller of Examinations, University of Agriculture Faisalabad (Pakistan)

Total Marks: 2013 / 2660

Aggregate Marks %: 75.67

Cumulative Grade Point Average: 3.58

Prepared By: [Signature]

Checked By: [Signature]

Controller of Examinations
University of Agriculture, Faisalabad
[Signature]