



Name: KARIM ULLAH

Commencement Date: 25-Sep-2017

Father's Name: MUHAMMAD ZAHID

Completion Date: 04-Dec-2021

Registration No: 1737665

Session: 2017-2021

College: Govt. Degree College, Lal Qilla, Lower Dir.

BS (4-Year) in Computer Science

Code	Course Title	Marks Obtained	Maximum Marks	Cr. Hrs.	Grade	G.P.
1st Semester						
BCS414	Introduction to Information and Communication Technologies (ICTs)	61	100	4	C	2.7
BCS416	Programming Fundamentals	75	100	4	B+	3.5
EG413	Functional English	59	100	3	D+	2.6
IS415	Islamiyat	61	100	2	C	2.7
MT411	Calculus and Analytical Geometry	65	100	3	C+	3.0
PH412	Physics	64	100	3	C	2.9
2nd Semester						
CS421	Digital Logic Design	64	100	3	C	2.9
CS425	Data Structures	61	100	3	C	2.7
EE426	Basic Electronics	72	100	3	B	3.3
MATH 114	Technical and Report Writing	69	100	3	C+	3.2
MT423	Statistics and Probability	64	100	3	C	2.9
MT424	Discrete Mathematical Structures	76	100	3	B+	3.5
3rd Semester						
CS432	Object-Oriented Programming	60	100	4	C	2.6
CS433	Operating Systems	58	100	3	D+	2.5
CS434	Introduction to Databases	52	100	4	D	2.1
EG431	Communication & Presentation Skills	57	100	3	D+	2.5
MT436	Multi-Variate Calculus	69	100	3	C+	3.2
PS435	Pakistan Studies	55	100	2	D+	2.3
4th Semester						
CS441	* Database Administration	66	100	3	C+	3.1
CS443	* Computer Organization and Assembly Language	69	100	4	C+	3.2
CS445	* Software Engineering-I	65	100	3	C+	3.0
MT442	* Linear Algebra & Applications	71	100	3	B	3.3
MT444	Differential Equations	55	100	3	D+	2.3
5th Semester						
CS551	Data Communication and Networks	66	100	3	C+	3.1
CS552	* Artificial Intelligence	69	100	3	C+	3.2
CS553	System Programming	50	100	3	D	2.0
CS554	Advanced Object Oriented Programming	53	100	4	D	2.2
MT555	Numeric and Symbolic Computation	56	100	3	D+	2.4
SE556	Software Engineering-II	57	100	3	D+	2.5
6th Semester						
CS561	Theory of Automata and Formal Languages	62	100	3	C	2.8
CS562	Analysis of Algorithms	73	100	3	B	3.4
CS563	Network Strategies	73	100	3	B	3.4
CS564	E-Commerce	70	100	3	B	3.2
CS565	Advanced Internet Applications	76	100	4	B+	3.5
CS566	Computer Graphics	73	100	3	B	3.4
7th Semester						
CS572	Web Technologies	75	100	4	B+	3.5
CS573	Information Security	77	100	3	B+	3.6
CS574	Computer Architecture	67	100	3	C+	3.1
8th Semester						
CS571	Software Development Project	74	100	6	B	3.4
CS581	Software Project Management	56	100	3	D+	2.4
CS582	Professional Ethics	55	100	3	D+	2.3
CS583	System and Network Administration	56	100	4	D+	2.4
CS584	Compiler Construction	81	100	3	A	3.8

CGPA: 2.93 / 4.00

Credits Hours: 139

Result Declared on: 21-Dec-2021

Issuance Date: 21-Dec-2021

Errors and Omissions are subject to subsequent rectification



Checked by:

Controller of Examinations
University of Malakand

* Means 2nd attempt