

Sr. No. 2K20/ 0556758



Panjab University

RESULT-CUM-DETAILED MARKS CERTIFICATE

GRADE CARD Bachelor of Engineering (Computer Science & Engineering) 1st Semester Examination December, 2021

Roll No.: CO20301
Name: ABDUL RAHIM
Father's Name: RIYASAT ALI
Mother's Name: GULSHAN

Registration No.: 37020000021
Discipline: Computer Science & Engineering
Semester: First

Detail Of Grades

Subject Name (Code)	Credits Theory	Grade Theory	Credits Practical	Grade Practical
Calculus (ASM 101)	5	A	x	x
Applied Physics (ASP X01)	4	C+	x	x
Applied Physics (P) (ASP X51)	x	x	1.5	B
Programming for Problem Solving (ESC X01)	3	B+	x	x
Digital Electronics (ESC X06)	3	C	x	x
Programming for Problem Solving (P) (ESC X51)	x	x	2	B+
Workshop (P) (ESC X53)	x	x	2	B
Digital Electronics (P) (ESC X56)	x	x	1	C+

x = Not Applicable

RESULT: Passed with SGPA 7.19 on 10 point scale

Earned Credits: 21.5

Assigned Credits: 21.5

Passed with CGPA 7.19

Cumulative Earned Credits: 21.5

Cumulative Assigned Credits: 21.5

CHANDIGARH-160014

September 29, 2022


Controller of Examinations

IMPORTANT NOTE :

UNIDMC

In case of any discrepancy or correction in the particulars, this Result-cum-detailed Marks Certificate should be returned to the University Office (Examination Branch) Within a period of six months from the date of declaration of the result. No application for removal of any discrepancy or making correction shall be entertained thereafter.

Prepared by
Dealing Official 1 _____
(Signature in full) 2 _____

*Bhagwat
Parmar*

Checked by
Sr. Asstt./ A.S.O
(Signature in full)

JGU

DMC Despatched on 19-04-2023
(Signature of Dealing
Official in full) _____

Poo

Despatch Certified by
Sr. Asstt./ A.S.O.
(Signature in full)

JGU

THE GRADING SYSTEM

Following is the Numerical weightage of grades

Grade	Numerical value of Grades into Points	Description
A+	10	Outstanding
A	9	Excellent
B+	8	Very Good
B	7	Good
C+	6	Average
C	5	Below average
D	4	Marginal
F	0	Fail

Grade	Description
I	Incomplete
NP	Audit Pass
NF	Audit Fail
W	Withdrawal
X	Unsatisfactory
S	Satisfactory / Completion
Z	Course Continuation

The following is the formula for calculating Semester Grade Point Average (SGPA)

$$\text{SGPA} = \frac{\sum_{\text{Semester}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses except audit and S/Z grade Courses}}{\sum_{\text{Semester}} (\text{Course Credits}) \text{ except audit and S/Z grade Courses}}$$

The following is the formula for calculating Cumulative Grade Point Average (CGPA)

$$\text{CGPA} = \frac{\sum_{\text{All Semesters}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses with pass grade except audit and S/Z grade Courses}}{\sum_{\text{All Semesters}} (\text{Course Credits}) \text{ Except audit and S/Z grade Courses}}$$

$$\% \text{ age} = 10 \times \text{CGPA}$$

Sr. No. 2K20/ 0506483



Panjab University

RESULT-CUM-DETAILED MARKS CERTIFICATE

GRADE CARD

Bachelor of Engineering (Computer Science & Engineering) 2nd Semester
Examination May, 2021

Roll No.: CO20301

Name: ABDUL RAHIM

Father's Name: RIYASAT ALI

Mother's Name: GULSHAN

Registration No.: 37020000021

Discipline: Computer Science & Engineering

Semester: Second

Detail Of Grades

Subject Name (Code)	Credits Theory	Grade Theory	Credits Practical	Grade Practical
Applied Chemistry (ASC X01)	4	A	x	x
Applied Chemistry (P) (ASC X51)	x	x	1.5	A
Differential Equations and Transforms (ASM 201)	5	B+	x	x
Object Oriented Programming (CSC 201)	3	A	x	x
Introduction to Computer Science (CSC 202)	3	A	x	x
Object Oriented Programming (P) (CSC 251)	x	x	1	A
Professional Communication (HSMC X01)	2	B+	x	x
Professional Communication (P) (HSMC X51)	x	x	1	B+
Product Re-engineering and Innovation (ST 251)	x	x	0	S

x = Not Applicable

RESULT: Passed with SGPA 8.61 on 10 point scale

Earned Credits: 20.5

Assigned Credits: 20.5

Passed with CGPA 7.88

Cumulative Earned Credits: 20.5

Cumulative Assigned Credits: 20.5

CHANDIGARH-160014

March 20, 2023

Controller of Examinations

IMPORTANT NOTE :

UNIDMC

In case of any discrepancy or correction in the particulars, this Result-cum-detailed Marks Certificate should be returned to the University Office (Examination Branch) Within a period of six months from the date of declaration of the result. No application for removal of any discrepancy or making correction shall be entertained thereafter.

Prepared by _____
 Dealing Official 1 _____ *Mangat Ram*
 (Signature in full) 2 _____ *Ram*

Checked by _____ *Jyoti*
 Sr. Asstt./ A.S.O
 (Signature in full)

DMC Despatched on 22-03- 2023
 (Signature of Dealing Official in full) *P*

Despatch Certified by _____ *Jyoti*
 Sr. Asstt./ A.S.O.
 (Signature in full)

THE GRADING SYSTEM

Following is the Numerical weightage of grades

Grade	Numerical value of Grades into Points	Description
A+	10	Outstanding
A	9	Excellent
B+	8	Very Good
B	7	Good
C+	6	Average
C	5	Below average
D	4	Marginal
F	0	Fail

Grade	Description
I	Incomplete
NP	Audit Pass
NF	Audit Fail
W	Withdrawal
X	Unsatisfactory
S	Satisfactory / Completion
Z	Course Continuation

The following is the formula for calculating Semester Grade Point Average (SGPA)

$$\text{SGPA} = \frac{\sum_{\text{Semester}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses except audit and S/Z grade Courses}}{\sum_{\text{Semester}} (\text{Course Credits}) \text{ except audit and S/Z grade Courses}}$$

The following is the formula for calculating Cumulative Grade Point Average (CGPA)

$$\text{CGPA} = \frac{\sum_{\text{All Semesters}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses with pass grade except audit and S/Z grade Courses}}{\sum_{\text{All Semesters}} (\text{Course Credits}) \text{ Except audit and S/Z grade Courses}}$$

$$\% \text{ age} = 10 \times \text{CGPA}$$

Sr. No. 2K20/ 0506476



Panjab University
RESULT-CUM-DETAILED MARKS CERTIFICATE

GRADE CARD

Bachelor of Engineering (Computer Science & Engineering) 3rd Semester
Examination December, 2021

Roll No.: CO20301
Name: ABDUL RAHIM
Father's Name: RIYASAT ALI
Mother's Name: GULSHAN

Registration No.: 37020000021
Discipline: Computer Science & Engineering
Semester: Third

Detail Of Grades

Subject Name (Code)	Credits Theory	Grade Theory	Credits Practical	Grade Practical
Economics (AS 201)	3	C+	X	X
Data Structures (CS 301)	4	C+	X	X
Database Systems (CS 302)	4	B	X	X
Discrete Structures (CS 303)	4	B+	X	X
Microprocessors (CS 304)	4	B+	X	X
Data Structures (Practical) (CS 351)	X	X	1	D
Database Systems (Practical) (CS 352)	X	X	1	B
Microprocessors (Practical) (CS 354)	X	X	1	B+

X = Not Applicable

RESULT: Passed with SGPA 6.95 on 10 point scale

Earned Credits: 22

Assigned Credits: 22

Passed with CGPA 7.56

Cumulative Earned Credits: 64

Cumulative Assigned Credits: 64

CHANDIGARH-160014

March 20,2023


Controller of Examinations

IMPORTANT NOTE :

UNIDMC

In case of any discrepancy or correction in the particulars, this Result-cum-detailed Marks Certificate should be returned to the University Office (Examination Branch) Within a period of six months from the date of declaration of the result. No application for removal of any discrepancy or making correction shall be entertained thereafter.

Prepared by

Dealing Official 1

(Signature in full) 2

Raghav
Joshi

Checked by

Sr. Asstt./ A.S.O

(Signature in full)

Joshi

DMC Despatched on

22-03-2023

(Signature of Dealing

Official in full)

Pooja

Despatch Certified by

Sr. Asstt./ A.S.O.

(Signature in full)

THE GRADING SYSTEM

Following is the Numerical weightage of grades

Grade	Numerical value of Grades into Points	Description
A+	10	Outstanding
A	9	Excellent
B+	8	Very Good
B	7	Good
C+	6	Average
C	5	Below average
D	4	Marginal
F	0	Fail

Grade	Description
I	Incomplete
NP	Audit Pass
NF	Audit Fail
W	Withdrawal
X	Unsatisfactory
S	Satisfactory / Completion
Z	Course Continuation

The following is the formula for calculating Semester Grade Point Average (SGPA)

$$SGPA = \frac{\sum_{\text{Semester}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses except audit and S/Z grade Courses}}{\sum_{\text{Semester}} (\text{Course Credits}) \text{ except audit and S/Z grade Courses}}$$

The following is the formula for calculating Cumulative Grade Point Average (CGPA)

$$CGPA = \frac{\sum_{\text{All Semesters}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses with pass grade except audit and S/Z grade Courses}}{\sum_{\text{All Semesters}} (\text{Course Credits}) \text{ Except audit and S/Z grade Courses}}$$

% age = 10 x CGPA

Sr. No. 2K20/ 0506480



Panjab University

RESULT-CUM-DETAILED MARKS CERTIFICATE

GRADE CARD

**Bachelor of Engineering (Computer Science & Engineering) 4th Semester
Examination May, 2022**

Roll No.: CO20301
Name: ABDUL RAHIM
Father's Name: RIYASAT ALI
Mother's Name: GULSHAN

Registration No.: 37020000021
Discipline: Computer Science & Engineering
Semester: Fourth

Detail Of Grades

Subject Name (Code)	Credits Theory	Grade Theory	Credits Practical	Grade Practical
Analysis and Design of Algorithms (CS 401)	4	B+	x	x
Web Technologies (CS 402)	4	B+	x	x
Operating Systems (CS 403)	4	C+	x	x
Software Engineering (CS 404)	4	C	x	x
Computer Architecture and Organization (CS 405)	4	D	x	x
Analysis and Design of Algorithms (Practical) (CS 451)	x	x	1	B+
Web Technologies (Practical) (CS 452)	x	x	1	B+
Operating Systems (Practical) (CS 453)	x	x	1	B
Software Engineering (Practical) (CS 454)	x	x	1	C+

x = Not Applicable

RESULT: Passed with SGPA 6.38 on 10 point scale

Earned Credits: 24

Assigned Credits: 24

Passed with CGPA 7.24

Cumulative Earned Credits: 88

Cumulative Assigned Credits: 88

CHANDIGARH-160014

March 20, 2023

Controller of Examinations

IMPORTANT NOTE :

UNIDMC

In case of any discrepancy or correction in the particulars, this Result-cum-detailed Marks Certificate should be returned to the University Office (Examination Branch) Within a period of six months from the date of declaration of the result. No application for removal of any discrepancy or making correction shall be entertained thereafter.

Prepared by
Dealing Official 1 _____
(Signature in full) 2 _____
[Signature]

Checked by
Sr. Asstt./ A.S.O
(Signature in full)
[Signature]

DMC Despatched on 22-03-2023
(Signature of Dealing
Official in full) Poo
[Signature]

Despatch Certified by
Sr. Asstt./ A.S.O.
(Signature in full)
[Signature]

THE GRADING SYSTEM

Following is the Numerical weightage of grades

Grade	Numerical value of Grades into Points	Description
A+	10	Outstanding
A	9	Excellent
B+	8	Very Good
B	7	Good
C+	6	Average
C	5	Below average
D	4	Marginal
F	0	Fail

Grade	Description
I	Incomplete
NP	Audit Pass
NF	Audit Fail
W	Withdrawal
X	Unsatisfactory
S	Satisfactory / Completion
Z	Course Continuation

The following is the formula for calculating Semester Grade Point Average (SGPA)

$$SGPA = \frac{\sum_{\text{Semester}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses except audit and S/Z grade Courses}}{\sum_{\text{Semester}} (\text{Course Credits}) \text{ except audit and S/Z grade Courses}}$$

The following is the formula for calculating Cumulative Grade Point Average (CGPA)

$$CGPA = \frac{\sum_{\text{All Semesters}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses with pass grade except audit and S/Z grade Courses}}{\sum_{\text{All Semesters}} (\text{Course Credits}) \text{ Except audit and S/Z grade Courses}}$$

$$\% \text{ age} = 10 \times CGPA$$

Sr. No. 2K20/ 0726884



Panjab University

RESULT-CUM-DETAILED MARKS CERTIFICATE

GRADE CARD Bachelor of Engineering (Computer Science & Engineering) 5th Semester Examination December, 2022

Roll No.: CO20301
Name: ABDUL RAHIM
Father's Name: RIYASAT ALI
Mother's Name: GULSHAN

Registration No.: 37020000021
Discipline: Computer Science & Engineering
Semester: Fifth

Detail Of Grades

Subject Name (Code)	Credits Theory	Grade Theory	Credits Practical	Grade Practical
Data Communication and Networks (CS 501)	4	B+	x	x
Computer Graphics (CS 502)	4	B+	x	x
Artificial Intelligence (CS 503)	4	C+	x	x
Principle of Programming Languages (CS 504)	4	B+	x	x
Theory of Computation (CS 505)	4	C+	x	x
Technical Communication and Soft Skills (Practical) (CS 551)	x	x	1	A
Computer Graphics (Practical) (CS 552)	x	x	1	A
Artificial Intelligence (Practical) (CS 553)	x	x	1	B+
Industrial Training (CS 556)	x	x	2	A

x = Not Applicable

RESULT: Passed with SGPA 7.52 on 10 point scale

Earned Credits: 25

Assigned Credits: 25

Passed with CGPA 7.30

Cumulative Earned Credits: 113

Cumulative Assigned Credits: 113

CHANDIGARH-160014

June 12,2023


Controller of Examinations

IMPORTANT NOTE :

UNIDMC

In case of any discrepancy or correction in the particulars, this Result-cum-detailed Marks Certificate should be returned to the University Office (Examination Branch) Within a period of six months from the date of declaration of the result. No application for removal of any discrepancy or making correction shall be entertained thereafter.

Prepared by

Dealing Official 1

(Signature in full) 2

*Loram
Rhegual*

Checked by

Sr. Asstt./ A.S.O

(Signature in full)

JPM

DMC Despatched on

08 - 08 - 2023

(Signature of Dealing

Official in full)

Ros

Despatch Certified by

Sr. Asstt./ A.S.O.

(Signature in full)

JPM

Following is the Numerical weightage of grades

Grade	Numerical value of Grades into Points	Description
A+	10	Outstanding
A	9	Excellent
B+	8	Very Good
B	7	Good
C+	6	Average
C	5	Below average
D	4	Marginal
F	0	Fail

THE GRADING SYSTEM

Grade	Description
I	Incomplete
NP	Audit Pass
NF	Audit Fail
W	Withdrawal
X	Unsatisfactory
S	Satisfactory / Completion
Z	Course Continuation

The following is the formula for calculating Semester Grade Point Average (SGPA)

$$SGPA = \frac{\sum_{\text{Semester}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses except audit and S/Z grade Courses}}{\sum_{\text{Semester}} (\text{Course Credits}) \text{ except audit and S/Z grade Courses}}$$

The following is the formula for calculating Cumulative Grade Point Average (CGPA)

$$CGPA = \frac{\sum_{\text{All Semesters}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses with pass grade except audit and S/Z grade Courses}}{\sum_{\text{All Semesters}} (\text{Course Credits}) \text{ Except audit and S/Z grade Courses}}$$

$$\% \text{ age} = 10 \times CGPA$$

Sr. No. 2K20/ 0843765



Panjab University

RESULT-CUM-DETAILED MARKS CERTIFICATE

GRADE CARD

Bachelor of Engineering (Computer Science & Engineering) 6th Semester Examination May, 2023

Roll No.: CO20301

Name: ABDUL RAHIM

Father's Name: RIYASAT ALI

Mother's Name: GULSHAN

Registration No.: 37020000021

Discipline: Computer Science & Engineering

Semester: Sixth

Detail Of Grades

Subject Name (Code)	Credits Theory	Grade Theory	Credits Practical	Grade Practical
Computer Networks and Security (CS 601)	4	B	X	X
Linear Algebra and Probability Theory (CS 602)	4	B	X	X
Modeling and Simulation (CS 603)	4	B+	X	X
Compiler Design (CS 604)	4	B+	X	X
Data Mining and Analysis (CS 605C)	4	C+	X	X
Computer Networks and Security Practical (CS 651)	X	X	1	B+
Modelling and Simulation Practical (CS 653)	X	X	1	B+
Compiler Design Practical (CS 654)	X	X	1	B+
Data Mining and Analysis (Practical) (CS 655C)	X	X	1	B+

X = Not Applicable

RESULT: Passed with SGPA 7.33 on 10 point scale

Earned Credits: 24

Assigned Credits: 24

Passed with CGPA 7.31

Cumulative Earned Credits: 137

Cumulative Assigned Credits: 137

CHANDIGARH-160014

October 20, 2023

Controller of Examinations

2076A80

In case of any discrepancy or correction in the particulars, this Result-cum-detailed Marks Certificate should be returned to the University Office (Examination Branch) Within a period of six months from the date of declaration of the result. No application for removal of any discrepancy or making correction shall be entertained thereafter.

Prepared by _____
 Dealing Official 1 _____
 (Signature in full) 2 _____ *Poonam Bhagwati*

Checked by _____
 Sr. Asstt./ A.S.O _____
 (Signature in full) _____ *Sgtu*

DMC Despatched on 02-11-2023
 (Signature of Dealing Official in full) *Jyo*

Despatch Certified by _____
 Sr. Asstt./ A.S.O. _____ *Sgtu*
 (Signature in full)

THE GRADING SYSTEM

Following is the Numerical weightage of grades

Grade	Numerical value of Grades into Points	Description
A+	10	Outstanding
A	9	Excellent
B+	8	Very Good
B	7	Good
C+	6	Average
C	5	Below average
D	4	Marginal
F	0	Fail

Grade	Description
I	Incomplete
NP	Audit Pass
NF	Audit Fail
W	Withdrawal
X	Unsatisfactory
S	Satisfactory / Completion
Z	Course Continuation

The following is the formula for calculating Semester Grade Point Average (SGPA)

$$\text{SGPA} = \frac{\sum_{\text{Semester}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses except audit and S/Z grade Courses}}{\sum_{\text{Semester}} (\text{Course Credits}) \text{ except audit and S/Z grade Courses}}$$

The following is the formula for calculating Cumulative Grade Point Average (CGPA)

$$\text{CGPA} = \frac{\sum_{\text{All Semesters}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses with pass grade except audit and S/Z grade Courses}}{\sum_{\text{All Semesters}} (\text{Course Credits}) \text{ Except audit and S/Z grade Courses}}$$

$$\% \text{ age} = 10 \times \text{CGPA}$$

Sr. No. 2K21/ 0031566



Panjab University

RESULT-CUM-DETAILED MARKS CERTIFICATE

GRADE CARD

Bachelor of Engineering (Computer Science & Engineering) 7th Semester
Examination December, 2023

Roll No.: CO20301
Name: ABDUL RAHIM
Father's Name: RIYASAT ALI
Mother's Name: GULSHAN

Registration No.: 37020000021
Discipline: Computer Science & Engineering
Semester: Seventh

Detail Of Grades

Subject Name (Code)	Credits Theory	Grade Theory	Credits Practical	Grade Practical
Digital Image Processing (CS 701)	4	A	X	X
Advance Database Systems (CS 702)	4	B+	X	X
Cyber Laws and IPR (CS 703)	4	A	X	X
Natural Language Processing (CS 704B)	4	B+	X	X
Neural Networks (CS 705B)	4	B	X	X
Digital Image Processing (Practical) (CS 751)	X	X	1	A
Natural Language Processing (Practical) (CS 754B)	X	X	1	B+
Neural Networks (Practical) (CS 755B)	X	X	1	C+
Industrial Training (CS 756)	X	X	2	A
Project-I (CS 757)	X	X	3	B+

X = Not Applicable

RESULT: Passed with SGPA 8.18 on 10 point scale

Earned Credits: 28

Assigned Credits: 28

Passed with CGPA 7.45

Cumulative Earned Credits: 165

Cumulative Assigned Credits: 165

CHANDIGARH-160014

April 08, 2024

Controller of Examinations

In case of any discrepancy or correction in the particulars, this Result-cum-detailed Marks Certificate should be returned to the University Office (Examination Branch) Within a period of six months from the date of declaration of the result. No application for removal of any discrepancy or making correction shall be entertained thereafter

Prepared by
 Dealing Official 1 Bhegunt
 (Signature in full) 2 for name

Checked by
 Sr. Asstt./ A.S.O Sgy
 (Signature in full)

DMC Despatched on 22-04-2024
 (Signature of Dealing
 Official in full) fss

Despatch Certified by
 Sr. Asstt./ A.S.O. Sgy
 (Signature in full)

THE GRADING SYSTEM

Following is the Numerical weightage of grades

Grade	Numerical value of Grades into Points	Description
A+	10	Outstanding
A	9	Excellent
B+	8	Very Good
B	7	Good
C+	6	Average
C	5	Below average
D	4	Marginal
F	0	Fail

Grade	Description
I	Incomplete
NP	Audit Pass
NF	Audit Fail
W	Withdrawal
X	Unsatisfactory
S	Satisfactory / Completion
Z	Course Continuation

The following is the formula for calculating Semester Grade Point Average (SGPA)

$$\text{SGPA} = \frac{\sum_{\text{Semester}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses except audit and S/Z grade Courses}}{\sum_{\text{Semester}} (\text{Course Credits}) \text{ except audit and S/Z grade Courses}}$$

The following is the formula for calculating Cumulative Grade Point Average (CGPA)

$$\text{CGPA} = \frac{\sum_{\text{All Semesters}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses with pass grade except audit and S/Z grade Courses}}{\sum_{\text{All Semesters}} (\text{Course Credits}) \text{ Except audit and S/Z grade Courses}}$$

$$\% \text{ age} = 10 \times \text{CGPA}$$

Sr. No. 2K21/ 0490010



Panjab University

RESULT-CUM-DETAILED MARKS CERTIFICATE

GRADE CARD

Bachelor of Engineering (Computer Science & Engineering) 8th Semester
Examination May, 2024

Roll No.: CO20301
Name: ABDUL RAHIM
Father's Name: RIYASAT ALI
Mother's Name: GULSHAN

Registration No.: 37020000021
Discipline: Computer Science & Engineering
Semester: Eighth

Detail Of Grades

Subject Name (Code)	Credits Theory	Grade Theory	Credits Practical	Grade Practical
Industrial Training (CS 855)	x	x	19	A
Environment sciences (HS 801)	0	S	x	x

x = Not Applicable

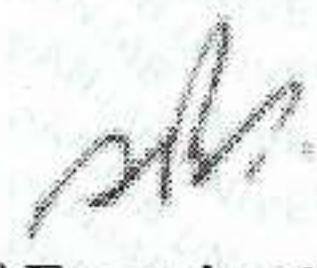
RESULT: Passed with SGPA 9.00 on 10 point scale

Earned Credits: 19 Assigned Credits: 19

Passed with CGPA 7.61 Cumulative Earned Credits: 184 Cumulative Assigned Credits: 184

CHANDIGARH-160014

July 31, 2024


Controller of Examinations

In case of any discrepancy or correction in the particulars, this Result-cum-detailed Marks Certificate should be returned to the University Office (Examination Branch) Within a period of six months from the date of declaration of the result. No application for removal of any discrepancy or making correction shall be entertained thereafter.

Prepared by
Dealing Official 1
(Signature in full) 2

M. Bhagwati
Pawar

Checked by
Sr. Asstt./ A.S.O
(Signature in full)

Jay

DMC Despatched on 26-09-2024
(Signature of Dealing
Official in full) *B.*

Despatch Certified by
Sr. Asstt./ A.S.O.
(Signature in full)

THE GRADING SYSTEM

Following is the Numerical weightage of grades

Grade	Numerical value of Grades into Points	Description
A+	10	Outstanding
A	9	Excellent
B+	8	Very Good
B	7	Good
C+	6	Average
C	5	Below average
D	4	Marginal
F	0	Fail

Grade	Description
I	Incomplete
NP	Audit Pass
NF	Audit Fail
W	Withdrawal
X	Unsatisfactory
S	Satisfactory / Completion
Z	Course Continuation

The following is the formula for calculating Semester Grade Point Average (SGPA)

$$\text{SGPA} = \frac{\sum_{\text{Semester}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses except audit and S/Z grade Courses}}{\sum_{\text{Semester}} (\text{Course Credits}) \text{ except audit and S/Z grade Courses}}$$

The following is the formula for calculating Cumulative Grade Point Average (CGPA)

$$\text{CGPA} = \frac{\sum_{\text{All Semesters}} (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses with pass grade except audit and S/Z grade Courses}}{\sum_{\text{All Semesters}} (\text{Course Credits}) \text{ Except audit and S/Z grade Courses}}$$

$$\% \text{ age} = 10 \times \text{CGPA}$$