CT UNIVERSITY
PUNJAB·INDIA
Career Begins Here...
FEROZEPUR ROAD · LUDHIANA
APPROVED BY UGC

Registration No : 71911483

Name of School : School of Computer Applications and Information Technology

Result cum Grade Card

Programme : Bachelor of Computer Applications (Cyber Security)

Semester : 1st   **Year :** December 2019

Name : Rahul Goyal

Father's Name : Rajinder Goyal

Mother's Name : Sangeeta Goyal

Aadhaar Number (UID) : 9084-8649-1043

SGPA : 6.63   **Equivalent Percentage :** 66.30

Course Domain	Course Code	Course Title	Type	Credits	Grade
Computer Applications	COA201	Computer and Programming Fundamentals	Th.	4	C
Computer Applications	COA202	Computer and Programming Fundamentals Lab	Pr.	1	B+
Communication Skills	COS202	Communication Skills - I	Th.	2	C
Computer Applications	COA203	Web Designing Fundamentals	Th.	4	B+
Computer Applications	COA204	Web Designing Fundamentals Lab	Pr.	2	B+
Computer Applications	COA205	Fundamentals of Internet and Intranet	Th.	4	A
Computer Applications	COA206	Office Automation Lab	Pr.	2	B+
Computer Applications	COA216	Foundations of Security	Th.	2	B+
Computer Applications	COA217	Foundations of Security Lab	Pr.	1	B+
	PDT201	Personality Development Workshop		Satisfactory	

Marks Obtained/Total Marks : 642/900   **CGPA :** 6.63

Result Status : PASS

* 'Credit' means credit allotted to the course and 'Grade' means grade earned by the student.
* Basis of evaluation, grading, minimum CGPA requirement and other information is printed overleaf.
* The DMC can be authenticated by submitting the Certificate No. to www.ctuniversity.in

Place : Ludhiana

Date of Issue : March 17, 2022

Controller of Examination

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Registration No : 71911483

Name of School : School of Computer Applications and Information Technology

Result cum Grade Card

Programme : Bachelor of Computer Applications (Cyber Security)

Semester : 2nd   **Year :** May 2020

Name : Rahul Goyal

Father's Name : Rajinder Goyal

Mother's Name : Sangeeta Goyal

Aadhaar Number (UID) : 9084-8649-1043

SGPA : 7.81   **Equivalent Percentage :** 78.10

Course Domain	Course Code	Course Title	Type	Credits	Grade
Communication Skills	COS203	Communication Skills - II	Th.	2	A
Computer Applications	COA207	Object Oriented Programming using C++	Th.	4	A
Computer Applications	COA208	Object Oriented Programming using C++ Lab	Pr.	2	A
Computer Applications	COA209	Computer System Architecture	Th.	4	A
Computer Applications	COA210	Script Language - I Lab	Pr.	2	A
Computer Applications	COA211	Graphics Designing Tools Lab	Pr.	2	B+
Computer Applications	COA218	Information and Network Security	Th.	2	B+
Computer Applications	COA219	Information and Network Security Lab	Pr.	1	A
Management	MGT225	Principle and Practices of Management	Th.	3	A

Marks Obtained/Total Marks : 741/900   **CGPA : 7.22**

Result Status : PASS

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Place : Ludhiana

Date of Issue : March 17, 2022

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Registration No : 71911483

Name of School : School of Computer Applications and Information Technology

Result cum Grade Card

Programme : Bachelor of Computer Applications (Cyber Security)

Semester : 3rd **Year :** December 2020

Name : Rahul Goyal

Father's Name : Rajinder Goyal

Mother's Name : Sangeeta Goyal

Aadhaar Number (UID) : 9084-8649-1043

SGPA : 7.32 **Equivalent Percentage :** 73.20

Course Domain	Course Code	Course Title	Type	Credits	Grade
Environmental Studies	EVS200	Environmental Studies	Th.	2	A+
Psychology	SOE204	Work Psychology	Th.	2	B
Communication Skills	COS301	Communication Skills - III	Th.	2	A
Computer Applications	COA305	Data Structure	Th.	4	A
Computer Applications	COA306	Data Structure Lab	Pr.	2	B
Computer Applications	COA307	Mathematical Foundation for Computer Applications	Th.	5	C
Computer Applications	COA308	Scripting Language - II Lab	Pr.	2	A
Computer Applications	COA309	Computer Networks	Th.	4	A
Computer Applications	COA310	Training Evaluation	--	2	A
Computer Applications	COA314	Computer Forensic Fundamentals	Th.	2	A+
Computer Applications	COA315	Computer Forensic Lab	Pr.	1	A

Marks Obtained/Total Marks : 915/1100 **CGPA :** 7.26

Result Status : PASS

* 'Credit' means credit allotted to the course and 'Grade' means grade earned by the student.
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Place : Ludhiana

Date of Issue : March 17, 2022

Controller of Examination

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Registration No : 71911483

Name of School : School of Computer Applications and Information Technology

Result cum Grade Card

Programme : Bachelor of Computer Applications (Cyber Security)

Semester : 4th   **Year :** July 2021

Name : Rahul Goyal

Father's Name : Rajinder Goyal

Mother's Name : Sangeeta Goyal

Aadhaar Number (UID) : 9084-8649-1043

SGPA : 8.60		Equivalent Percentage : 86.00			
Course Domain	**Course Code**	**Course Title**	**Type**	**Credits**	**Grade**
Communication Skills	SOS204	Verbal Ability	Th.	3	A
Computer Applications	COA311	Core Java	Th.	4	A
Computer Applications	COA312	Core Java Lab	Pr.	2	A
Computer Applications	COA313	Data Base Management System	Th.	4	O
Computer Applications	COA316	Ethical Hacking - 1	Th.	2	A+
Computer Applications	COA317	Ethical Hacking - I Lab	Pr.	1	A+
Computer Applications	COA319	Data Base Management System Lab	Pr.	2	O
Computer Applications	COA320	Software Engineering	Th.	4	A
Management	MGT409	Management Information System	Th.	3	A

Marks Obtained/Total Marks : 802/900   **CGPA : 7.60**

Result Status : PASS

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S. No. - BCACS/19-22/05/020

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Registration No : 71911483

Name of School : School of Computer Applications and Information Technology

Result cum Grade Card

Programme : Bachelor of Computer Applications (Cyber Security)

Semester : 5ᵗʰ   **Year :** January 2022

Name : Rahul Goyal

Father's Name : Rajinder Goyal

Mother's Name : Sangeeta Goyal

Aadhaar Number (UID) : 9084-8649-1043

SGPA : 7.69	Equivalent Percentage : 76.90

Course Domain	Course Code	Course Title	Type	Credits	Grade
Computer Applications	COA401	Network Security	Th.	3	A
Computer Applications	COA403	Operating System	Th.	4	B+
Computer Applications	COA404	Operating System Lab	Pr.	2	A
Computer Applications	COA405	Web Development	Th.	4	B+
Computer Applications	COA406	Web Development Lab	Pr.	2	A+
Computer Applications	COA407	Summer Training Project Evaluation	--	3	A
Computer Applications	COA408	Pre - Project Planning	Pr.	1	A
Computer Applications	COA409	Artificial Intelligence	Th.	4	B+
Cyber Security	COA417	Ethical Hacking - II	Th.	2	A
Cyber Security	COA418	Ethical Hacking - II Lab	Pr.	1	O

Marks Obtained/Total Marks :   832/1000   **CGPA : 7.62**

Result Status :   PASS

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Place : Ludhiana

Date of Issue : June 13, 2022

Controller of Examination

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Registration No : 71911483

Name of School : School of Computer Applications and Information Technology

Result cum Grade Card

Programme : Bachelor of Computer Applications (Cyber Security)

Semester : 6th   **Year :** June 2022

Name : Rahul Goyal

Father's Name : Rajinder Goyal

Mother's Name : Sangeeta Goyal

Aadhaar Number (UID) : 9084-8649-1043

SGPA : 7.29   **Equivalent Percentage :** 72.90

Course Domain	Course Code	Course Title	Type	Credits	Grade
Communication Skills	SOS401	Soft Skills	Pr.	1	C
Computer Applications	COA411	Computer Graphics	Th.	4	B
Computer Applications	COA412	Computer Graphics Lab	Pr.	2	B+
Computer Applications	COA413	Mobile Application Development	Th.	4	A
Computer Applications	COA414	Mobile Application Development Lab	Pr.	2	A
Computer Applications	COA415	Major Project	--	4	A
Computer Applications	COA416	Data Mining	Th.	4	B+
Cyber Security	COA420	Computer Network Defender	Th.	2	A
Cyber Security	COA421	Computer Network Defender Lab	Pr.	1	A

Marks Obtained/Total Marks : 692/900

Result Status : PASS   **CGPA : 7.57**

* 'Credit' means credit allotted to the course and 'Grade' means grade earned by the student.
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* The DMC can be authenticated by submitting the Certificate No. to www.ctuniversity.in

Place : Ludhiana

Date of Issue : July 19, 2022

CT University

CT UNIVERSITY
PUNJAB, INDIA

www.ctuniversity.in | Approved by UGC

Established by an Act of the Legislature of State of Punjab, CT University Act, 2016, and
Approved by the UGC under Section 2(f) of the UGC Act, 1956

Bachelor of Computer Applications (Cyber Security)

This is to certify that Rahul Goyal S/o Rajinder Goyal & Sangeeta Goyal has been awarded the Degree of Bachelor of Computer Applications (Cyber Security) from CT University after having duly completed Three Years of study through regular mode at School of Computer Applications and Information Technology and passed the examination held in June,2022 with First Division.

Given under the seal of the University.

Registrar

Vice Chancellor

Chancellor

Ludhiana, August 05,2022

The Degree can be authenticated by submitting the certificate number at erp.ctuniversity.in or e-mail to controllerofexamination@ctuniversity.in

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Ref. No. : CTU/2019-22/PROV/668

Aadhaar No. (UID) : 9084-8649-1043

Registration No. : 71911483

PROVISIONAL DEGREE CERTIFICATE

This is to certify that **Mr./Ms.** **Rahul Goyal** **Son**/Daughter of **Mr. Rajinder Goyal** and **Ms. Sangeeta Goyal** has completed all the requirements for the award of **Bachelor of Computer Applications (Cyber Security)** in the month of **June, 2022** with CGPA of **7.57** on a 10 point scale. **He**/She will be awarded the **Degree**/Diploma in the ensuing convocation of the CT University.

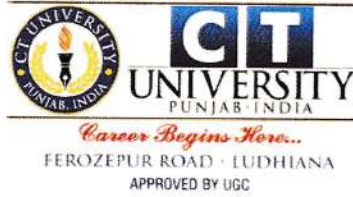**His**/Her over all conduct/behaviour has been good during the said programme.

Date: July 19, 2022

19/7/22
Controller of Examination

Prepared by (UID-) 19/07/2022

Checked by (UID-) 19/05/22

Verified by (UID-) 19/7/2022

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Transcript of Academic Record

This is to certify that **Mr./Ms. Rahul Goyal** Son/Daughter of **Mr. Rajinder Goyal** and **Ms. Sangeeta Goyal**, Registration No. **71911483**, has successfully completed **Bachelor of Computer Applications (Cyber Security)** in the month of **June,2022.**

The Grades and CGPA earned by the candidate for 1st to 6th Semesters are given below:

December - 2019 (First Semester)

Course Code	Subject Name	Credit	Grade
COA201	Computer and Programming Fundamentals	4	C
COA202	Computer and Programming Fundamentals Lab	1	B+
COS202	Communication Skills - I	2	C
COA203	Web Designing Fundamentals	4	B+
COA204	Web Designing Fundamentals Lab	2	B+
COA205	Fundamentals of Internet and Intranet	4	A
COA206	Office Automation Lab	2	B+
COA216	Foundations of Security	2	B+
COA217	Foundations of Security Lab	1	B+
PDT201	Personality Development Workshop		Satisfactory

May - 2020 (Second Semester)

Course Code	Subject Name	Credit	Grade
COS203	Communication Skills - II	2	A
COA207	Object Oriented Programming using C++	4	A
COA208	Object Oriented Programming using C++ Lab	2	A
COA209	Computer System Architecture	4	A
COA210	Script Language - I Lab	2	A
COA211	Graphics Designing Tools Lab	2	B+
COA218	Information and Network Security	2	B+
COA219	Information and Network Security Lab	1	A
MGT225	Principle and Practices of Management	3	A

December - 2020 (Third Semester)

Course Code	Subject Name	Credit	Grade
EVS200	Environmental Studies	2	A+
SOE204	Work Psychology	2	B
COS301	Communication Skills - III	2	A
COA305	Data Structure	4	A
COA306	Data Structure Lab	2	B
COA307	Mathematical Foundation for Computer Applications	5	C
COA308	Scripting Language - II Lab	2	A
COA309	Computer Networks	4	A
COA310	Training Evaluation	2	A
COA314	Computer Forensic Fundamentals	2	A+
COA315	Computer Forensic Lab	1	A

July - 2021 (Fourth Semester)

Course Code	Subject Name	Credit	Grade
SOS204	Verbal Ability	3	A
COA311	Core Java	4	A
COA312	Core Java Lab	2	A
COA313	Data Base Management System	4	O
COA316	Ethical Hacking - I	2	A+
COA317	Ethical Hacking - I Lab	1	A+
COA319	Data Base Management System Lab	2	O
COA320	Software Engineering	4	A
MGT409	Management Information System	3	A

January - 2022 (Fifth Semester)

Course Code	Subject Name	Credit	Grade
COA401	Network Security	3	A
COA403	Operating System	4	B+
COA404	Operating System Lab	2	A
COA405	Web Development	4	B+
COA406	Web Development Lab	2	A+
COA407	Summer Training Project Evaluation	3	A
COA408	Pre - Project Planning	1	A
COA409	Artificial Intelligence	4	B+
COA417	Ethical Hacking - II	2	A'
COA418	Ethical Hacking - II Lab	1	O

June - 2022 (Sixth Semester)

Course Code	Subject Name	Credit	Grade
SOS401	Soft Skills	1	C
COA411	Computer Graphics	4	B
COA412	Computer Graphics Lab	2	B+
COA413	Mobile Application Development	4	A
COA414	Mobile Application Development Lab	2	A
COA415	Major Project	4	A
COA416	Data Mining	4	B+
COA420	Computer Network Defender	2	A'
COA421	Computer Network Defender Lab	1	A

Total Credits : 147
Total Marks Obtained : 4624/5700
(Four Thousand Six Hundred Twenty Four Only)

CGPA: 7.57
(Seven Point Five Seven)