



# LOVELY PROFESSIONAL UNIVERSITY



Jalandhar-Delhi G.T. Road, Phagwara, Punjab (India)-144411

Established by the State Legislature of Punjab through the Lovely Professional University Act and Recognized by UGC under Section 2(f) of the UGC Act, 1956

## Academic Transcript

Student Name : Sonali Singh

Programme : Bachelor of Technology (Computer Science and Engineering)

Registration no. : 12007438

Mode : Regular (Full Time)

Father's Name : Mr. Santosh Singh

Date of initial registration : August,2020

### TERM-I

S.No.	Course	TGPA : 7.13	Equivalent percentage : 71.30 %
1	CHE110 :: ENVIRONMENTAL STUDIES		4 A
2	CSE101 :: COMPUTER PROGRAMMING		3 O
3	ECE131 :: BASIC ELECTRICAL AND ELECTRONICS ENGINEERING		4 B
4	ECE132 :: BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY		1 O
5	MEC107 :: BASIC ENGINEERING MECHANICS		4 B
6	MTH165 :: MATHEMATICS FOR ENGINEERS		4 C
7	PES318 :: SOFT SKILLS-I		3 A

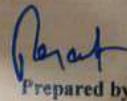
### TERM-II

S.No.	Course	TGPA : 7.89	Equivalent percentage : 78.90 %
1	CSE202 :: OBJECT ORIENTED PROGRAMMING		4 B+
2	CSE326 :: INTERNET PROGRAMMING LABORATORY		1 A
3	ECE213 :: DIGITAL ELECTRONICS		4 A
4	ECE216 :: DIGITAL ELECTRONICS LABORATORY		1 B+
5	MEC103 :: ENGINEERING GRAPHICS		4 O
6	MTH166 :: DIFFERENTIAL EQUATIONS AND VECTOR CALCULUS		4 A
7	PEL121 :: COMMUNICATION SKILLS-I		4 B+
8	PHY109 :: ENGINEERING PHYSICS		4 B+
9	PHY119 :: ENGINEERING PHYSICS LABORATORY		1 O

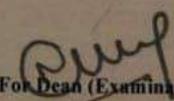
Certificate No. : D2415881

Date of issue : 20-Jun-2024

Place : Phagwara (Punjab)

  
Prepared by

  
(Officer Incharge)  
Checked & Verified by

  
For Dean (Examinations)



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**Academic Transcript**

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Registration no.	:	12007438	Mode	:	Regular (Full Time)
Father's Name	:	Mr. Santosh Singh	Date of initial registration : August,2020		
Mother's Name	:	Ms. Rekha Singh			

TERM-III		TGPA : 7.84	Equivalent percentage : 78.40 %	
S.No.	Course		*Credits	*Grade
1	CSE205 :: DATA STRUCTURES AND ALGORITHMS		4	A
2	CSE211 :: COMPUTER ORGANIZATION AND DESIGN		4	B+
3	CSE320 :: SOFTWARE ENGINEERING		3	A+
4	GEN231 :: COMMUNITY DEVELOPMENT PROJECT		2	A
5	INT213 :: PYTHON PROGRAMMING		3	A
6	INT306 :: DATABASE MANAGEMENT SYSTEMS		3	A
7	MTH401 :: DISCRETE MATHEMATICS		3	B+
8	PEL131 :: COMMUNICATION SKILLS-II		3	A

TERM-IV		TGPA : 8.20	Equivalent percentage : 82.00 %	
S.No.	Course		*Credits	*Grade
1	CSE306 :: COMPUTER NETWORKS		3	A
2	CSE307 :: INTERNETWORKING ESSENTIALS		1	B
3	CSE310 :: PROGRAMMING IN JAVA		4	A+
4	CSE316 :: OPERATING SYSTEMS		3	A+
5	CSE325 :: OPERATING SYSTEMS LABORATORY		1	A
6	CSE408 :: DESIGN AND ANALYSIS OF ALGORITHMS		3	A+
7	INT404 :: ARTIFICIAL INTELLIGENCE		4	A
8	MTH302 :: PROBABILITY AND STATISTICS		3	B+
9	PEV106 :: VERBAL ABILITY-I		3	A

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## Academic Transcript

Student Name : Sonali Singh      Programme : Bachelor of Technology (Computer Science and Engineering)

Registration no. : 12007438

Mode : Regular (Full Time)

Father's Name : Mr. Santosh Singh

Date of initial registration : August,2020

Mother's Name : Ms. Rekha Singh

TERM-V		TGPA : 7.30	Equivalent percentage : 73.00 %	
S.No.	Course		*Credits	*Grade
1	CSE322 :: FORMAL LANGUAGES AND AUTOMATION THEORY		3	B
2	CSE332 :: INDUSTRY ETHICS AND LEGAL ISSUES		2	B+
3	CSE443 :: SEMINAR ON SUMMER TRAINING		3	B+
4	INT217 :: INTRODUCTION TO DATA MANAGEMENT		3	A
5	INT331 :: FUNDAMENTALS OF DEVOPS		3	B+
6	PEA305 :: ANALYTICAL SKILLS-I		3	B+
7	PEV107 :: VERBAL ABILITY-II		3	A+

TERM-VI		TGPA : 7.84	Equivalent percentage : 78.40 %	
S.No.	Course		*Credits	*Grade
1	CSE423 :: VIRTUALIZATION AND CLOUD COMPUTING		3	C
2	CSE427 :: VIRTUALIZATION AND CLOUD COMPUTING LABORATORY		1	A
3	HMT801 :: TRAVEL AGENCY AND TOUR OPERATION		3	B+
4	INT232 :: DATA SCIENCE TOOLBOX : R PROGRAMMING		3	A+
5	INT233 :: DATA VISUALIZATION		3	A+
6	PEA308 :: ADVANCED ANALYTICAL SKILLS-II		3	A+
7	PES319 :: SOFT SKILLS-II		3	A

TERM-VII		TGPA : 7.67	Equivalent percentage : 76.70 %	
S.No.	Course		*Credits	*Grade
1	HMT803 :: VACATION PLANNING AND MANAGEMENT		3	A
2	INT234 :: PREDICTIVE ANALYTICS		3	A
3	INT312 :: BIG DATA FUNDAMENTALS		3	B+

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### Academic Transcript

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Programme : Bachelor of Technology (Computer Science and Engineering)

Registration no. : 12007438

Father's Name : Mr. Santosh Singh

Mode : Regular (Full Time)

Mother's Name : Ms. Rekha Singh

Date of initial registration : August,2020

TERM-VIII		TGPA : 8.00	Equivalent percentage : 80.00 %	
S.No.	Course		*Credits	*Grade
1	CSE406 :: ADVANCED JAVA PROGRAMMING		4	B+
2	CSE445 :: CAPSTONE PROJECT		10	A+
3	INT315 :: CLUSTER COMPUTING		3	B
4	PUN800 :: MORAL VALUES		3	A

The student has successfully completed the Programme in June, 2024.

CGPA : 7.75  
Equivalent percentage : 77.50 %

- \*\* Full/Partial credit requirement of the course fulfilled through the mentioned MOOCs alongwith source.
- \* '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.
- This transcript can be authenticated by submitting the certificate number to [www.lpu.in/authenticate](http://www.lpu.in/authenticate).
- The multiplier factor for converting CGPA to equivalent percentage is 10.



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Date of issue : 20-Jun-2024  
Place : Phagwara (Punjab)

*Rajat*  
Prepared by

*[Signature]*  
(Officer Incharge)  
Checked & Verified by

*[Signature]*  
For Dean (Examinations)

102588  
Sr. No.



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Phagwara (144411), Punjab, India

### PROVISIONAL CERTIFICATE

This is to certify that Ms. Sonali Singh daughter of Mr. Santosh Singh bearing Registration No. 12007438 has completed all the requirements for the award of the degree of Bachelor of Technology (Computer Science and Engineering) in the year 2024. She will be awarded the degree at the next convocation of the University.

Certificate No. 101818  
Dated: 26 Jun, 2024  
Place: Phagwara (Punjab)

*Monica Gulati*  
Dr. Monica Gulati  
Registrar  
FRM29729332