



L OVELY
P ROFESSIONAL
U NIVERSITY



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 : Rakesh Thakur

Programme : Bachelor of Technology (Biotechnology)

Registration no. : 11617853

Father's Name : Mr. Binod Kumar Thakur Nau

Mode : Regular (Full Time)

Mother's Name : Ms. Man Devi Thakur Nau

Date of initial registration : August, 2016

TERM-IV		TGPA : 8.96	Equivalent percentage : 80.64 %	
S.No.	Course		*Credits	*Grade
1	BTY201 :: INTRODUCTION TO IMMUNOLOGY		3	A+
2	BTY202 :: IMMUNOLOGY LABORATORY		1	A+
3	BTY228 :: MOLECULAR BIOLOGY AND GENETICS		3	A+
4	BTY229 :: MOLECULAR BIOLOGY AND GENETICS LABORATORY		2	A+
5	BTY326 :: FUNDAMENTALS OF GENETIC ENGINEERING		3	A
6	BTY332 :: GENETIC ENGINEERING LABORATORY		2	A
7	BTY397 :: HEAT AND MASS TRANSFER		4	O
8	CSE202 :: OBJECT ORIENTED PROGRAMMING		3	A+
9	MTH302 :: PROBABILITY AND STATISTICS		3	A+
10	PEV106 :: VERBAL ABILITY-I		3	A+

TERM-V		TGPA : 9.23	Equivalent percentage : 83.07 %	
S.No.	Course		*Credits	*Grade
1	BTY177 :: MATLAB		1	O
2	BTY311 :: PLANT BIOTECHNOLOGY		3	A+
3	BTY351 :: PLANT BIOTECHNOLOGY LABORATORY		2	A+
4	BTY353 :: BIOPROCESS ENGINEERING		4	O
5	BTY360 :: BIOPROCESS ENGINEERING LABORATORY		2	O
6	BTY499 :: SEMINAR ON SUMMER TRAINING		3	O
7	BTY651 :: QUALITY CONTROL AND QUALITY ASSURANCE		3	A+
8	CIV227 :: ECONOMICS AND ENVIRONMENTAL ISSUES IN MATERIALS SELECTION		3	A+
9	ERT401 :: INNOVATION AND DESIGN THINKING		2	O
10	PEV107 :: VERBAL ABILITY-II		3	B+

TERM-VI		TGPA : 8.45	Equivalent percentage : 76.05 %	
S.No.	Course		*Credits	*Grade
1	BTY162 :: BIOPYTHON		2	A+
2	BTY314 :: ANIMAL BIOTECHNOLOGY		3	A
3	BTY317 :: BASICS IN BIOINFORMATICS		3	A+
4	BTY320 :: BIOINFORMATICS LABORATORY		1	A
5	BTY352 :: ANIMAL BIOTECHNOLOGY LABORATORY		1	A
6	BTY658 :: FOOD AND DRUG TESTING LABORATORY		2	A
7	CIV345 :: ENERGY ENVIRONMENT AND SOCIETY		3	O
8	ERT402 :: CREATIVITY AND INNOVATION TOOLS		2	B+
9	PES315 :: SOFT SKILLS-II		3	A

Certificate No. : D2021181

Date of issue : 31-Aug-2020

Place : Phagwara (Punjab)

Anita
Prepared by

(Officer Incharge)
Checked & Verified by

For Dean (Examinations)



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TERM-I		TGPA : 9.00	Equivalent percentage : 81.00 %	
S.No.	Course		*Credits	*Grade
1	BTY100 :: BIOLOGY FOR ENGINEERS		2	O
2	BTY128 :: BIOTECHNOLOGY FOR BEGINNERS		1	A
3	ECE131 :: BASIC ELECTRICAL AND ELECTRONICS ENGINEERING		4	A
4	ECE132 :: BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY		1	B+
5	MTH103 :: BASIC MATHEMATICS-I		4	O
6	PEL121 :: COMMUNICATION SKILLS-I		3	A
7	PHY109 :: ENGINEERING PHYSICS		4	O
8	PHY119 :: ENGINEERING PHYSICS LABORATORY		1	A+
TERM-II		TGPA : 8.63	Equivalent percentage : 77.67 %	
S.No.	Course		*Credits	*Grade
1	BTY101 :: CELL BIOLOGY		3	A
2	BTY203 :: BIOANALYTICAL TECHNIQUES		3	A+
3	BTY483 :: BIOSAFETY BIOETHICS IPR AND PATENTS		3	A
4	CHE110 :: ENVIRONMENTAL STUDIES		4	A+
5	CHE122 :: ENGINEERING CHEMISTRY LABORATORY		1	A+
6	CHE124 :: ENGINEERING CHEMISTRY		3	O
7	MEC106 :: INTRODUCTION TO MECHANICAL ENGINEERING		4	B
8	MEC108 :: MECHANICAL WORKSHOP		2	A+
9	MTH104 :: BASIC MATHEMATICS-II		4	O
10	PEL131 :: COMMUNICATION SKILLS-II		3	A+
TERM-III		TGPA : 8.77	Equivalent percentage : 78.93 %	
S.No.	Course		*Credits	*Grade
1	BTY102 :: MICROBIOLOGY		3	A+
2	BTY103 :: MICROBIOLOGY LABORATORY		2	B+
3	BTY105 :: FUNDAMENTALS OF BIOCHEMISTRY		3	O
4	BTY106 :: BIOCHEMISTRY LABORATORY		1	O
5	BTY428 :: INDUSTRIAL BIOTECHNOLOGY		3	A
6	CSE101 :: COMPUTER PROGRAMMING		3	A
7	CSE104 :: COMPUTER PROGRAMMING LABORATORY		1	O
8	MTH108 :: DIFFERENTIAL EQUATIONS		3	O
9	PES314 :: SOFT SKILLS-I		3	A

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TERM-VII		TGPA : 9.33	Equivalent percentage : 83.97 %	
S.No.	Course		*Credits	*Grade
1	BTY400 :: CAPSTONE PROJECT-I		2	B+
2	BTY401 :: DOWNSTREAM PROCESSING		4	O
3	BTY402 :: DOWNSTREAM PROCESING LABORATORY		2	A
4	BTY650 :: REGULATORY AFFAIRS		3	O
5	BTY718 :: MOLECULAR SIMULATIONS		3	O
6	CIV332 :: INDUSTRIAL WASTE MANAGEMENT		3	O
7	CIV421 :: WATER AND AIR TESTING LABORATORY		1	A

TERM-VIII		TGPA : 7.33	Equivalent percentage : 65.97 %	
S.No.	Course		*Credits	*Grade
1	BTY484 :: CAPSTONE PROJECT-II		8	B+
2	ERT403 :: CUSTOMER RESEARCH AND IDEATION		2	A
3	ERT404 :: BUSINESS MODELLING		2	A

* The student has successfully completed the Programme in August, 2020.		CGPA : 8.79	
		Equivalent percentage : 79.11 %	

- * * '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.
- * The multiplier factor for converting CGPA to equivalent percentage is 9.

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