



Lovely Professional University

Established by an Act of the Legislature of the State of Punjab, the Lovely Professional University Act, 2005 (Act No. 25 of 2005), and recognised by the University Grants Commission under Section 2(f) of the UGC Act, 1956

On recommendation of the Academic Council,
Lovely Professional University admits

Md. Faruk Mahmud

S/D/o Mr. Md. Foridul Alam and Ms. Mst. Masuda Khatun

to the degree of

Bachelor of Technology

(Computer Science and Engineering)

in the First Division

having completed the prescribed requirements
in regular education mode in the year 2023.

Given under the seal of the University
at Phagwara, Punjab, India.



Monica Gubati

Registrar

Rashmi

Vice Chancellor

Usha K

Chancellor

Certificate Number : 345099

Registration Number : 11900277

This Degree can be authenticated by submitting the certificate number to www.lpu.in/authenticate or e-mail to recordverification@lpu.co.in

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

Ph: +91-1824-520990
website: www.lpu.in



Lovely Professional University

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भारत सरकार GOVERNMENT OF INDIA
अपोस्टिल / APOSTILLE
(Convention de La Haye du 5 octobre 1961)

Country REPUBLIC OF INDIA
This public document
DEGREE

has been signed by DARSHAN SINGH SIDHU
acting in the capacity of DIRECTOR

bears the seal/stamp of TECH EDU IND TRG TO GOVT OF PUNJAB

Certified
at NEW DELHI, INDIA the 02-SEP-2024
by SO(OI/ATTESTATION), MINISTRY OF EXTERNAL AFFAIRS
no 9003976972401
seal / stamp

signature

is issued to MD FARUK MAHMUD

01 2517325



(राजकुमार सिंह)
(RAJ KUMAR SINGH)
अनुमति अधिकारी (अनुमति / ओ.आई.)
Section Officer (Attestation / O.I.)
सी.पी.वी. बंगला / C.P.V. Bungalow
विदेश मंत्रालय, नई दिल्ली
Ministry of External Affairs, New Delhi

Rohman

(Officer Incharge, Examination)
Checked & Verified by

AUTHENTICATED

As per the authorization issued by Govt. of
Punjab vide memo No. 13/13/2007-1TE2/1816
Dt. 19-07-2007 and verification
done by LPU in authenticate
vide letter No. 21-08-24

Director

Tech. Edu. & Indl. Trg.
Govt. of Punjab

Date of Issue: 25 / 02 / 2024



**LOVELY
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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 : Md. Faruk Mahmud

Programme : Bachelor of Technology (Computer Science and Engineering)

Registration no. : 11900277

Father's Name : Mr. Md. Foridul Alam

Mode : Regular (Full Time)

Mother's Name : Ms. Mst. Masuda Khatun

Date of initial registration : August, 2019

TERM-I		TGPA : 7.48	Equivalent percentage : 74.80 %	
S.No.	Course		*Credits	*Grade
1	CHE110 :: ENVIRONMENTAL STUDIES		4	B+
2	CSE101 :: COMPUTER PROGRAMMING		3	A
3	ECE131 :: BASIC ELECTRICAL AND ELECTRONICS ENGINEERING		4	B+
4	ECE132 :: BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY		1	B+
5	MEC107 :: BASIC ENGINEERING MECHANICS		4	A+
6	MTH165 :: MATHEMATICS FOR ENGINEERS		4	B+
7	PES318 :: SOFT SKILLS-I		3	B+

TERM-II		TGPA : 7.04	Equivalent percentage : 70.40 %	
S.No.	Course		*Credits	*Grade
1	CSE202 :: OBJECT ORIENTED PROGRAMMING		4	A
2	CSE326 :: INTERNET PROGRAMMING LABORATORY		1	B+
3	ECE213 :: DIGITAL ELECTRONICS		4	A
4	ECE216 :: DIGITAL ELECTRONICS LABORATORY		1	A
5	MEC103 :: ENGINEERING GRAPHICS		4	B
6	MTH166 :: DIFFERENTIAL EQUATIONS AND VECTOR CALCULUS		4	B+
7	PEL121 :: COMMUNICATION SKILLS-I		4	B+
8	PHY109 :: ENGINEERING PHYSICS		4	B
9	PHY119 :: ENGINEERING PHYSICS LABORATORY		1	B+

Certificate No. : D2312367

Date of issue : 24-Jun-2023

Place : Phagwara (Punjab)

Prepared by

(Officer Incharge)

Checked & Verified by

For Dean (Examinations)

LOVELY PROFESSIONAL UNIVERSITY

BASIS OF EVALUATION AND GRADING

- The University uses the following letter grades to report a student's performance. Each letter grade indicates the level of performance in a course and has an associated grade point value as per the following table:

Letter Grade	Performance	Grade Points
O	Outstanding	10
A+	Excellent	9
A	Very Good	8
B+	Good	7
B	Above Average	6
C	Average	5
D	Marginal	4
E	Reappear	0
F	Fail	0
I	Incomplete	-
R	Resubmission (in case of projects/dissertations or other similar courses)	-
S	Satisfactory (for zero credit courses only)	-
U	Unsatisfactory (for zero credit course only)	-

AUTHENTICATED
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CGPA

subject to the conditions that student all the courses in the 1st attempt.

but less than 9.0

by submitting the certificate number to n Division, Lovely Professional University,

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Date of initial registration : August, 2019

TERM-III		TGPA : 6.23	Equivalent percentage : 62.30 %	
S.No.	Course		*Credits	*Grade
1	CSE205 :: DATA STRUCTURES AND ALGORITHMS		4	C
2	CSE211 :: COMPUTER ORGANIZATION AND DESIGN		4	C
3	CSE320 :: SOFTWARE ENGINEERING		3	B
4	INT213 :: PYTHON PROGRAMMING		3	C
5	INT306 :: DATABASE MANAGEMENT SYSTEMS		3	A
6	MGN231 :: PROJECT		2	A
7	MTH401 :: DISCRETE MATHEMATICS		3	B+
8	PEL131 :: COMMUNICATION SKILLS-II		4	B+

TERM-IV		TGPA : 6.56	Equivalent percentage : 65.60 %	
S.No.	Course		*Credits	*Grade
1	CSE306 :: COMPUTER NETWORKS		3	A
2	CSE307 :: INTERNETWORKING ESSENTIALS		1	B+
3	CSE310 :: PROGRAMMING IN JAVA		4	C
4	CSE316 :: OPERATING SYSTEMS		3	B+
5	CSE325 :: OPERATING SYSTEMS LABORATORY		1	B
6	CSE408 :: DESIGN AND ANALYSIS OF ALGORITHMS		3	B+
7	INT404 :: ARTIFICIAL INTELLIGENCE		4	A
8	MTH302 :: PROBABILITY AND STATISTICS		3	C
9	PEV106 :: VERBAL ABILITY-I		3	B

Certificate No. : D2312367

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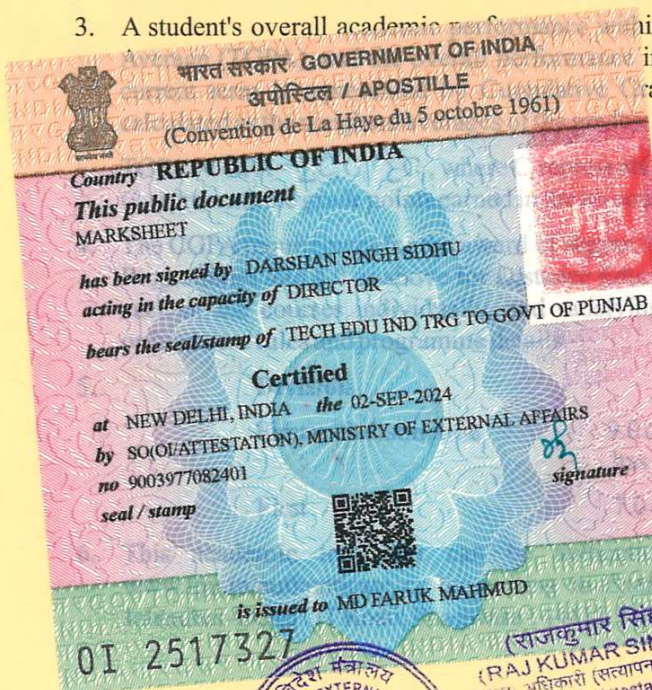
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(RAJ KUMAR SINGH)
अनुभाग अधिकारी (सत्यापन / ओ.आई.)
Section Officer (Attestation / O.I.)
जी.पी.ओ. भवन / सी.पी.वी. डिवीजन
विदेश मंत्रालय, नई दिल्ली
Ministry of External Affairs, New Delhi

A/No.889378



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Registration no. : 11900277

Father's Name : Mr. Md. Foridul Alam

Mode : Regular (Full Time)

Mother's Name : Ms. Mst. Masuda Khatun

Date of initial registration : August, 2019

TERM-V		TGPA : 6.10	Equivalent percentage : 61.00 %	
S.No.	Course	*Credits	*Grade	
1	CSE322 :: FORMAL LANGUAGES AND AUTOMATION THEORY	3	B	
2	CSE332 :: INDUSTRY ETHICS AND LEGAL ISSUES	2	B+	
3	CSE343 :: TRAINING IN PROGRAMMING	3	B+	
4	FIN348 :: INTERNATIONAL FINANCIAL MANAGEMENT	3	B	
5	INT242 :: CYBER SECURITY ESSENTIALS	3	C	
6	PEA305 :: ANALYTICAL SKILLS-I	3	B	
7	PEV107 :: VERBAL ABILITY-II	3	B	

TERM-VI		TGPA : 8.05	Equivalent percentage : 80.50 %	
S.No.	Course	*Credits	*Grade	
1	CSE423 :: VIRTUALIZATION AND CLOUD COMPUTING	3	A	
2	CSE427 :: VIRTUALIZATION AND CLOUD COMPUTING LABORATORY	1	A+	
3	GEO801 :: DISASTER MANAGEMENT	3	O	
4	INT243 :: INFORMATION SYSTEM SECURITY	3	B	
5	INT244 :: SECURING COMPUTING SYSTEMS	3	A	
6	MGN220 :: INTRODUCTION TO INTERNATIONAL BUSINESS	3	A	
7	PES319 :: SOFT SKILLS-II	3	A	

TERM-VII		TGPA : 6.33	Equivalent percentage : 63.30 %	
S.No.	Course	*Credits	*Grade	
1	INT245 :: PENETRATION TESTING	3	C	
2	INT407 :: INFORMATION SECURITY AND PRIVACY	3	A	
3	MGN902 :: EXPORT IMPORT PROCEDURE AND DOCUMENTATION	3	B	

Certificate No. : D2312367

Date of issue : 24-Jun-2023

Place : Phagwara (Punjab)

Prepared by

(Officer Incharge)

Checked & Verified by

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[Signature]
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Mode : Regular (Full Time)

Mother's Name : Ms. Mst. Masuda Khatun

Date of initial registration : August, 2019

TERM-VIII		TGPA : 8.68	Equivalent percentage : 86.80 %	
S.No.	Course		*Credits	*Grade
1	CSE445 :: CAPSTONE PROJECT		10	O
2	CSE493 :: LINUX SYSTEM ADMINISTRATION		4	B
3	INT301 :: OPEN SOURCE TECHNOLOGIES		2	O
4	MKT211 :: INTERNATIONAL MARKETING		3	B+

* The student has successfully completed the Programme in June, 2023.

CGPA : 7.05
Equivalent percentage : 70.50 %

- * *'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 10.



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- A student's Average (TCGPA) for the current term is calculated as follows: TCGPA = (Sum of Term Grade Points) / (Number of Courses). TCGPA and CGPA are represented by Term Grade Point completed up to and including the current term.

- CGPA represents the average of all the Term Grade Points earned by the student in all the courses of a term and is calculated as follows: CGPA = (Sum of Term Grade Points) / (Number of Courses).

- The CGPA recorded for a student in a particular term shall be 5.0 or above for Regular Programmes and 4.0 or above for Part-time Programmes to get a pass grade in each of the courses specified in the examination ordinances / regulations.

- Conditions that student must fulfill to get a pass grade in the 1st attempt.

- This academic certificate shall be issued to the student who has completed the course and has secured the required grade. The certificate number to be used for admission to the next semester shall be the certificate number to be used for admission to the next semester.

