



# **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 UGC under Section 2(f) of the UGC Act, 1956

On recommendation of the Academic Council,  
Lovely Professional University admits

**Bipin Kumar Singh**

S/o Mr. Birender Singh and Ms. Meera Devi

to the degree of

**Bachelor of Technology**  
(Electrical and Electronics Engineering)

in the First Division

having completed the prescribed requirements  
in regular education mode in the year 2014.

Given under the seal of the University

at Phagwara, Punjab, India

at the Convocation

on the Twenty First day of April, Two Thousand and Fifteen.

Meera Devi

Registrar

Rokanwar

Vice Chancellor

Wadekar

Chancellor

Certificate Number : 141207

Registration Number: 11007846

This Degree can be authenticated by submitting the certificate number to [www.lpu.in/authenticate](http://www.lpu.in/authenticate) or e-mail to [recordverification@lpu.co.in](mailto:recordverification@lpu.co.in)

Lovely Professional University  
Jalandhar-Delhi G.T. Road, (NH-1)  
Phagwara, (Punjab) India-144411.

Ph: +91-1824-444538  
website: [www.lpu.in](http://www.lpu.in)



# LOVELY PROFESSIONAL UNIVERSITY



Jalandhar-Delhi G.T. Road (NH-1), 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

Programme : Bachelor of Technology in Electrical and Electronics  
Engineering

Student Name : Bipin Kumar Singh  
Registration no. : 11007846

Father's Name : Mr. Birendar Singh  
Mother's Name : Ms. Meera Devi

Mode : Regular (Full Time)  
Date of initial registration : August, 2010

TERM-I		TGPA : 7.61	Equivalent percentage : 68.49 %	
S.No.	Course		*Credits	*Grade
1	CHE101 :: CHEMISTRY		4	B
2	CHE102 :: CHEMISTRY LAB		1	A
3	ECE130 :: ELECTRICAL AND ELECTRONICS WORKSHOP		2	B
4	ECE131 :: BASIC ELECTRICAL AND ELECTRONICS		4	B
5	ENG014 :: COMMUNICATION SKILLS		3	B
6	MTH101 :: ENGINEERING MATHEMATICS-I		5	C
7	PHY102 :: ELECTRICITY & MAGNETISM		4	B

TERM-II		TGPA : 5.95	Equivalent percentage : 53.55 %	
S.No.	Course		*Credits	*Grade
1	CSE101 :: FOUNDATIONS OF COMPUTING		5	D
2	ECE001A :: GENERAL SEMINAR		1	B
3	ECE100 :: INTRODUCTION TO PRACTICAL ELECTRONICS		3	B
4	ENG121 :: COMMUNICATION SKILLS-VI		3	C
5	MTH102 :: ENGINEERING MATHEMATICS-II		5	D
6	PHY112 :: MODERN PHYSICS AND ELECTRONICS		4	B
7	PHY122 :: PHYSICS LABORATORY		1	A

TERM-III		TGPA : 7.09	Equivalent percentage : 63.81 %	
S.No.	Course		*Credits	*Grade
1	ECE201 :: ELECTRONIC DEVICES AND CIRCUITS		4	B
2	ECE202 :: DIGITAL ELECTRONICS CIRCUITS		4	C
3	ELE201 :: UNIFIED ELECTRICAL LABORATORY-I		2	A
4	ENG123 :: COMMUNICATION SKILLS-VIII		3	A
5	MEC101 :: MECHANICAL SCIENCES-I		5	B-
6	MTH201 :: COMPLEX ANALYSIS AND TRANSFORM TECHNIQUES		4	C-

TERM-IV		TGPA : 8.48	Equivalent percentage : 76.32 %	
S.No.	Course		*Credits	*Grade
1	CAP425 :: PRACTICAL NETWORKING		3	B
2	ECE209 :: SIGNAL SYSTEMS AND NETWORKS		4	A
3	ECE211 :: INSTRUMENTATION SYSTEM DESIGN		4	B
4	ELE202 :: TRANSFORMERS AND DC MACHINES		4	B
5	ELE203 :: FIELD THEORY		4	A
6	ELE204 :: UNIFIED ELECTRICAL LABORATORY-II		2	A

Certificate No. : D145331

Date of issue : 24-08-2014

Place : Phagwara (Punjab)

*Spring*  
Prepared by

*W.M. Singh*  
(Officer Incharge)  
Checked & Verified by

*Ram Singh*  
For Dean (Examinations)



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## Academic Transcript

Programme : Bachelor of Technology in Electrical and Electronics Engineering

Student Name : Bipin Kumar Singh

Registration no. : 11007846

Father's Name : Mr. Birendar Singh

Mother's Name : Ms. Meera Devi

Mode : Regular (Full Time)

Date of initial registration : August, 2010

TERM-V		TGPA : 8.08	Equivalent percentage : 72.72 %	
S.No.	Course		*Credits	*Grade
1	CSE202P :: OBJECT ORIENTED PROGRAMMING		2	B-
2	CSE202T :: OBJECT ORIENTED PROGRAMMING		4	A
3	ECE301 :: MICROPROCESSOR BASED SYSTEM DESIGN		4	B
4	ELE300 :: INDUCTION AND SYNCHRONOUS MACHINES		4	A
5	ELE301 :: POWER ELECTRONICS		4	B-
6	ELE302 :: POWER SYSTEMS-I		4	B
7	ELE303 :: UNIFIED ELECTRICAL LABORATORY-III		2	B

TERM-VI		TGPA : 7.73	Equivalent percentage : 69.57 %	
S.No.	Course		*Credits	*Grade
1	CSE883 :: INTERNETWORKING WITH TCP/IP		3	B
2	ECE300 :: DIGITAL SIGNAL PROCESSING		4	B-
3	ECE305 :: CONTROL SYSTEMS		4	B
4	ECE315 :: MICROPROCESSOR BASED SYSTEM DESIGN LABORATORY		1	B
5	ELE308 :: POWER ELECTRONICS LABORATORY		1	B
6	ELE312 :: POWER SYSTEM-II		3	B
7	ELE426 :: UTILIZATION AND TRACTION		4	B
8	ELE438 :: POWER SYSTEM ANALYSIS		3	B-
9	ELE500 :: COMPREHENSION		3	B

TERM-VII		TGPA : 7.70	Equivalent percentage : 69.30 %	
S.No.	Course		*Credits	*Grade
1	ELE400 :: DESIGN OF ELECTRICAL APPARATUS		4	B
2	ELE401 :: POWER SYSTEM OPERATION AND CONTROL		3	A
3	ELE405 :: ELECTRICAL DRIVES AND CONTROL		3	B-
4	ELE406 :: POWER SYSTEMS LABORATORY		1	B-
5	ELE451 :: POWER SYSTEM MODELING AND ANALYSIS		3	B-
6	ELE479 :: SEMINAR ON SUMMER TRAINING		3	B-
7	ELE525 :: ADVANCED POWER SEMICONDUCTOR DEVICES		3	B-
8	ELE528 :: PROGRAMMABLE LOGIC CONTROLLERS AND AUTOMATION		3	A

TERM-VIII		TGPA : 7.19	Equivalent percentage : 64.71 %	
S.No.	Course		*Credits	*Grade
1	ECE500 :: PROJECT WORK		10	B-
2	ELE529 :: PULSE WIDTH MODULATION FOR POWER CONVERTERS		3	B-
3	ELE530 :: DRIVE SYSTEM IN ELECTRIC TRACTION		3	B

Certificate No. : D1453311

Date of issue : 24-08-2014

Place : Phagwara (Punjab)

Prepared by  
gurpreet  
JMPY

(Officer Incharge)  
Checked & Verified by

For Dean (Examinations)



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## Academic Transcript

Programme : Bachelor of Technology in Electrical and Electronics  
Engineering

Student Name : Bipin Kumar Singh

Registration no. : 11007846

Father's Name : Mr. Birendar Singh

Mother's Name : Ms. Meera Devi

Mode : Regular (Full Time)  
Date of initial registration : August, 2010

- The student has successfully completed the Programme in July, 2014.

CGPA : 7.50

Equivalent percentage : 67.50 %

- \* '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](http://www.lpu.in/authenticate).

Certificate No. : D1453311

Date of issue : 24-08-2014

Place : Phagwara (Punjab)

*gpinis*  
Prepared by

*lmp*  
(Officer Incharge)  
Checked & Verified by

*Renu*  
For Dean (Examinations)

Sr. No. 22177



LOVELY  
PROFESSIONAL  
UNIVERSITY

Phagwara (144002), Punjab, India

## PROVISIONAL CERTIFICATE

This is to certify that Mr. Bipin Kumar Singh son of Mr. Birendar Singh bearing Registration No. 11007846 has completed all the requirements for the award of the degree of Bachelor of Technology in Electrical and Electronics Engineering in the year 2014. He will be awarded the

degree at the next convocation of the University.

**Certificate No. 21757**

**Dated: 15 Sep, 2014**

**Place: Phagwara (Punjab)**

*Monica Gulati*  
Monica Gulati

**Dr. Monica Gulati**

**Registrar**