

Sr. No. 2K15/ 175429



Panjab University

RESULT-CUM-DETAILED MARKS CERTIFICATE

GRADE CARD

Bachelor of Engineering (Electronics & Communication Engineering) Ist Semester

Examination December, 2014

Roll No. : SG14506

Registration No.: 14-SG-84

Name : ARNAV BANSAL

Discipline : Electronics and Communication Engg.

Father's Name : SHARAD BANSAL

Semester : First

Mother's Name : REENA BANSAL

Detail Of Grades

Subject Name (Code)	Credits Theory	Grade Theory	Credits Practical	Grade Practical
Applied Chemistry (CH-101)	3	C	1	B+
Introduction to Electronics (EC-102)	3	B	1	B+
Computer Programming(MATLAB Programming for Engineers) (EC-103)	2	B	1	A
Communication Skills (HSS-102)	2	B	x	x
Calculus (MATHS-101)	4	C	x	x
Workshop Practice (ME-103)	x	x	2	A

x = Not Applicable

RESULT: Passed with SGPA 6.68 on 10 point scale

Earned Credits : 19

Assigned Credits : 19

Passed with CGPA 6.68

Cumulative Earned Credits : 19

Cumulative Assigned Credits : 19

CHANDIGARH-160014

June 12, 2015

Controller of Examinations

Sr. No. 2K15/ 320734



Panjab University

RESULT-CUM-DETAILED MARKS CERTIFICATE

GRADE CARD

Bachelor of Engineering (Electronics & Communication Engineering) 2nd Semester

Examination May, 2015

Roll No. : SG14506
Name : ARNAV BANSAL
Father's Name : SHARAD BANSAL
Mother's Name : REENA BANSAL

Registration No.: 14-SG-84

Discipline : Electronics and Communication Engg.

Semester : Second

Detail Of Grades

Subject Name (Code)	Credits Theory	Grade Theory	Credits Practical	Grade Practical
Oscillation and Optics (APH-201)	3	D	1	B+
Analog Electronics Circuits -I (EC-201)	3	B+	1	A
Digital Design (EC-203)	3	A	1	B+
Introduction to Environment Science (GS-201)	3	B	x	x
Ethics and Self Awareness (HSS-201)	2	B	x	x
Differential Equations and Transforms (MATHS-201)	4	C+	x	x

x = Not Applicable

RESULT: Passed with SGPA 7.00 on 10 point scale

Earned Credits : 21 **Assigned Credits : 21**

Passed with CGPA 6.85 **Cumulative Earned Credits : 40** **Cumulative Assigned Credits : 40**

CHANDIGARH-160014

November 02, 2015

Controller of Examinations

Sr. No. 2K15/ 473997



Panjab University

RESULT-CUM-DETAILED MARKS CERTIFICATE

GRADE CARD

Bachelor of Engineering (Electronics & Communication Engineering) 3rd Semester

Examination December, 2015

Roll No. : SG14506

Registration No.: 14-SG-84

Name : ARNAV BANSAL

Discipline : Electronics and Communication Engg.

Father's Name : SHARAD BANSAL

Semester : Third

Mother's Name : REENA BANSAL

Detail Of Grades

Subject Name (Code)	Credits Theory	Grade Theory	Credits Practical	Grade Practical
Electromagnetic Theory (EC-301)	4	C+	x	x
Signals and Systems (EC-302)	4	D	x	x
Microprocessors and Applications (EC-303)	3	B	1	A
Analog Electronics Circuits-II (EC-304)	3	C	1	C
Electrical Science (EE-309)	3	C+	1	B
Economics (HSS-301a)	3	C	x	x

x = Not Applicable

RESULT: Passed with SGPA 5.65 on 10 point scale

Earned Credits : 23

Assigned Credits : 23

Passed with CGPA 6.41

Cumulative Earned Credits : 63

Cumulative Assigned Credits : 63

CHANDIGARH-160014

June 03, 2016

Controller of Examinations

Sr. No. 2K16 / 447185



Panjab University

RESULT- CUM- DETAILED MARKS CERTIFICATE

GRADE CARD

Bachelor of Engineering (Electronics & Communication Engineering) 4th Semester

Examination May, 2016

Roll No. : SG14506
Name : ARNAV BANSAL
Father's Name : SHARAD BANSAL
Mother's Name : REENA BANSAL

Registration No.: 14-SG-84
Discipline : Electronics and Communication Engg.
Semester : Fourth

Detail Of Grades

Subject Name (Code)	Credits	Grade	Credits	Grade
	Theory	Theory	Practical	Practical
Communication Engineering (EC-401)	3	A	1	B
Microcontroller & Interfacing (EC-402)	3	B+	1	A
Communication Theory (EC-403)	4	C+	x	x
Engineering Analysis & Design: Virtual Instrumentation (EC-404)	3	B	1	C+
Computer Networks (EC-405)	4	B+	x	x
Linear Algebra & Complex Analysis (MATHS-405)	4	B	x	x

x = Not Applicable

RESULT: Passed with SGPA 7.42 on 10 point scale

Earned Credits : 24 **Assigned Credits : 24**

Passed with CGPA 6.69 **Cumulative Earned Credits : 87** **Cumulative Assigned Credits : 87**

CHANDIGARH-160014

November 17, 2016

Bsingh

Controller of Examinations

Sr. No. 2K16 /

691719



Panjab University

RESULT- CUM- DETAILED MARKS CERTIFICATE

GRADE CARD

Bachelor of Engineering (Electronics & Communication Engineering) 5th Semester

Examination December, 2016

Roll No. : SG14506

Registration No.: 14-SG-84

Name : ARNAV BANSAL

Discipline : Electronics and Communication Engg.

Father's Name : SHARAD BANSAL

Semester : Fifth

Mother's Name : REENA BANSAL

Detail Of Grades

Subject Name (Code)	Credits Theory	Grade Theory	Credits Practical	Grade Practical
VLSI Design (EC-501)	4	A	1	B+
Digital Signal Processing (EC-502)	4	D	1	B
Antennas & Wave Propagation (EC-503)	4	C+	x	x
Advanced Microprocessors (EC-504)	4	A+	1	B
Digital System Design (EC-505)	4	B+	1	C
Control Systems (EC-513)	4	A	x	x
Summer Training (EC-514)	x	x	1	A+

x = Not Applicable

RESULT: Passed with SGPA 7.62 on 10 point scale

Earned Credits : 29

Assigned Credits : 29

Passed with CGPA 6.92

Cumulative Earned Credits : 116 **Cumulative Assigned Credits :** 116

CHANDIGARH-160014

June 13, 2017

B Singh

Controller of Examinations

Sr. No. 2K17/ 139696



Panjab University

RESULT-CUM-DETAILED MARKS CERTIFICATE GRADE CARD

Bachelor of Engineering (Electronics & Communication Engineering) 6th Semester

Examination May, 2017

Roll No. : SG14506

Registration No.: 14-SG-84

Name : ARNAV BANSAL

Discipline : Electronics and Communication Engg.

Father's Name : SHARAD BANSAL

Semester : Sixth

Mother's Name : REENA BANSAL

Detail Of Grades

Subject Name (Code)	Credits	Grade	Credits	Grade
	Theory	Theory	Practical	Practical
Microwave & Radar Engineering (EC-601)	4	D	1	C+
Fibre Optic Communication Systems (EC-602)	4	A	1	B+
Digital Communication (EC-603)	4	C	1	B+
Data Structures and Algorithms (EC-604)	4	A	x	x
Neural Network & Fuzzy Logic (ITE-648)	4	A	x	x

x = Not Applicable

RESULT: Passed with SGPA 7.22 on 10 point scale

Earned Credits : 23

Assigned Credits : 23

Passed with CGPA 6.97

Cumulative Earned Credits : 139 Cumulative Assigned Credits : 139

CHANDIGARH-160014

November 16, 2017

Controller of Examinations

Sr. No. 2K17/ 381737



Panjab University

RESULT-CUM-DETAILED MARKS CERTIFICATE GRADE CARD

Bachelor of Engineering (Electronics & Communication Engineering) 7th Semester

Examination December, 2017

Roll No. : SG14506
Name : ARNAV BANSAL
Father's Name : SHARAD BANSAL
Mother's Name : REENA BANSAL

Registration No.: 14-SG-84

Discipline : Electronics and Communication Engg.

Semester : Seventh

Detail Of Grades

Subject Name (Code)	Credits Theory	Grade Theory	Credits Practical	Grade Practical
Embedded System Design (EC-701)	4	C+	1	B+
Nano Technology (EC-703)	4	B+	x	x
Computer Architecture & Organization (EC-704)	4	D	x	x
Wireless & Mobile Communication (EC-710)	4	C	1	B
Seminar-I (EC-765)	x	x	2	B+
Project-I (EC-766)	x	x	2	B
Summer Training (EC-767)	x	x	1	B+

x = Not Applicable

RESULT: Passed with SGPA 6.30 on 10 point scale

Earned Credits : 23

Assigned Credits : 23

Passed with CGPA 6.88

Cumulative Earned Credits : 162 Cumulative Assigned Credits : 162

CHANDIGARH-160014

April 26, 2018

Controller of Examinations

Sr. No. 2K17/ 527203



Panjab University

RESULT-CUM-DETAILED MARKS CERTIFICATE GRADE CARD

Bachelor of Engineering (Electronics & Communication Engineering) 8th Semester

Examination May, 2018

Roll No. : SG14506
Name : ARNAV BANSAL
Father's Name : SHARAD BANSAL
Mother's Name : REENA BANSAL

Registration No.: 14-SG-84

Discipline : Electronics and Communication Engg.

Semester : Eighth

Detail of Grades

Subject Name (Code)	Credits Theory	Grade Theory	Credits Practical	Grade Practical
Industrial Training (EC-820)	x	x	18	B+

x = Not Applicable

RESULT: Passed with SGPA 8.00 on 10 point scale

Earned Credits : 18

Assigned Credits : 18

Passed with CGPA 6.99

Cumulative Earned Credits : 180 **Cumulative Assigned Credits :** 180

CHANDIGARH-160014

June 26, 2018

Controller of Examinations

Regd. No. 14-SG-84



Roll No. SG14506



Panjab University

Bachelor of Engineering



Certified that Arnav Bansal son/daughter of Shri Sharad Bansal and Smt. Reena Bansal and of the University Institute of Engineering & Technology, PUSSGRC, Bajwara, Hoshiarpur has obtained the degree in Bachelor of Engineering (Electronics & Communication Engineering) of this University having passed the examination for the said degree held in May, 2018 with GPA of 6.99 out of 10 point scale.

Given under the seal of the University

Controller of Examinations

Vice Chancellor

Registrar

Chancellor

Chandigarh, June 26, 2018

