

EDP S. No.:

9861886

Regn. cum Roll No.

1604437

ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ  
J.K. Gujral Punjab Technical University Jalandhar

Formerly  
Punjab Technical University Jalandhar



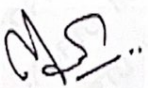
**BACHELOR OF TECHNOLOGY**

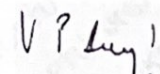
Mr./Ms. Gyan Singh son/daughter of Gurmail Singh student of D.A.V. Institute of Engineering & Technology, Jalandhar, having completed the course of studies and passed the prescribed examination held in April-2020 has been conferred the degree of Bachelor Of Technology of this University in the discipline of Electronics & Communication Engineering and has obtained Cumulative Grade Point average of 6.42 Out of 10.00

Given under the seal of the University

  
ਰਜਿਸਟਰਾਰ  
Registrar

Jalandhar, 14/07/21

  
ਵਾਈਸ-ਚਾਂਸਲਰ  
Vice-Chancellor

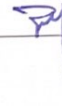
  
ਚਾਂਸਲਰ  
Chancellor

**E-PT/D 420513**

Prepared by  
(Full Signature)



Checked by  
(Full Signature)



A.R. Ex./D.R. Ex.



*Note: Medium of Instruction and Examination is English*



ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ  
**J.K. Gujral Punjab Technical University**

16/ **632748** Formerly  
**Punjab Technical University**

S.No. of EDP  
**1000113012**



Regn. cum Roll No: **1604437**

Name of the College/Institute:

**D.A.V. Institute of Engineering & Technology, Jalandhar**

**Grade Sheet**

**Bachelor of Technology (Electronics & Communication Engg.), FIRST Semester, Nov-2016**

Name : **GYAN SINGH**  
 Father's Name : **GURMAIL SINGH**  
 Mother's Name : **AMANDEEP KAUR**

Subject Code	Subject	Type	Credits	Grade
BTAM-101	Engineering Mathematics-I	Theory	5	B+
BTEE-101	Basic Electrical and Electronics Engineering	Theory	5	B+
BTEE-102	Basic Electrical and Electronics Engineering Laboratory	Practical	1	O
BTHU-101	Communicative English	Theory	3	B+
BTHU-102	Communicative English Laboratory	Practical	1	A+
BTMP-101	Manufacturing Practice	Practical	3	O
BTPH-101	Engineering Physics	Theory	4	B+
BTPH-102	Engineering Physics Laboratory	Practical	1	A+
HVPE-101	Human Values and Professional Ethics	Theory	3	B+

**Credits Registered in the Semester : 26**

**Semester Grade Point Average (SGPA) : 7.62**

**Notification Result Date : 08.02.2017**

**Date of Issue : 22.03.2017**

**Place : JALANDHAR**

**E.D.P. CELL**

**Prepared By**

*Sidhu*

*ਗਿਰੀ*

**Controller of Examinations**

**Checked & Verified By Officer Incharge**



# ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ J.K. Gujral Punjab Technical University

Formerly

S.No. of EDP

1001278672

16/ 577379 Punjab Technical University

Regn. cum Roll No: 1604437

Name of the College/Institute:

D.A.V. Institute of Engineering & Technology, Jalandhar



## Grade Sheet

Bachelor of Technology (Electronics & Communication Engg.), SECOND Semester, April-2020

Name : GYAN SINGH  
Father's Name : GURMAIL SINGH  
Mother's Name : AMANDEEP KAUR

Subject Code	Subject	Type	Credits	Grade
BTAM-102	Engineering Mathematics-II	Theory	5	B+
BTCH-101	Engineering Chemistry	Theory	4	C
BTCH-102	Engineering Chemistry-Lab	Practical	1	B+
BTCS-101	Fundamentals of Computer Programming and IT	Theory	3	B
BTCS-102	Fundamentals of Computer Programming and IT-Lab	Practical	2	A
BTME-101	Elements of Mechanical Engineering	Theory	5	B
BTME-102	Engineering Drawing	Theory	4	B
BTME-103	Engineering Computer Graphics-Lab	Practical	1	B+
EVSC-101	Environment Science	Theory	2	B
GF2	General Fitness	Practical	2	A+

Credits Registered in the Semester : 29

Semester Grade Point Average (SGPA) : 6.45

Notification Result Date : 27.12.2020

Date of Issue : 16.02.2021

Place : JALANDHAR

E.D.P. CELL

Prepared By

Checked & Verified By

Officer Incharge

Controller of Examinations



# ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ J.K. Gujral Punjab Technical University

Formerly  
16/615471 Punjab Technical University

S.No. of EDP  
1001371458

Regn. cum Roll No: 1604437

Name of the College/Institute:

D.A.V. Institute of Engineering & Technology, Jalandhar



## Grade Sheet

Bachelor of Technology (Electronics & Communication Engg.), THIRD Semester, April-2020

Name : GYAN SINGH  
Father's Name : GURMAIL SINGH  
Mother's Name : AMANDEEP KAUR

Subject Code	Subject	Type	Credits	Grade
BTAM-301	Engineering Mathematics-III	Theory	5	B+
BTC-305	Object Oriented Programming Using C++	Theory	4	C
BTEC-301	Analog Devices & Circuits	Theory	4	P
BTEC-302	Digital Circuit and Logic Design	Theory	4	B
BTEC-303	Network Analysis and Synthesis	Theory	4	P
BTEC-304	Lab Analog Devices & Circuits	Practical	1	A
BTEC-305	Lab Digital Circuit and Logic Design	Practical	1	B
BTEC-309	Lab Object Oriented Programming	Practical	2	A
WT-3	Workshop Training	Practical	1	O

Credits Registered in the Semester : 26

Semester Grade Point Average (SGPA) : 5.81

Notification Result Date : 28.04.2021

Date of Issue : 13.05.2021

Place : JALANDHAR

E.D.P. CELL

Prepared By

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Officer Incharge

Controller of Examinations



# ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ J.K. Gujral Punjab Technical University

Formerly

16/ 414913 Punjab Technical University

S.No. of EDP  
1000941281

Regn. cum Roll No: 1604437

Name of the College/Institute:

D.A.V. Institute of Engineering & Technology, Jalandhar



## Grade Sheet

Bachelor of Technology (Electronics & Communication Engg.), FOURTH Semester, April-2019

Name : GYAN SINGH

Father's Name : GURMAIL SINGH

Mother's Name : AMANDEEP KAUR

Subject Code	Subject	Type	Credits	Grade
BTEC-401	Analog Communication Systems	Theory	4	B
BTEC-402	Signal & Systems	Theory	4	C
BTEC-403	Electromagnetics & Antennas	Theory	5	C
BTEC-404	Electronic Measurement & Instrumentation	Theory	4	C
BTEC-405	Pulse Wave Shaping and Switching	Theory	4	P
BTEC-406	Lab Analog Communication Systems	Practical	1	A+
BTEC-407	Lab Electronic Measurement & Instrumentation	Practical	1	A+
BTEC-408	Lab Signal & Systems using MATLAB/Mentor DSP	Practical	1	A
BTEE-402	Linear Control Systems	Theory	5	C
GF5	General Fitness	Practical	0	S

Credits Registered in the Semester : 29.00 Semester Grade Point Average (SGPA) : 5.38

Notification Result Date : 15.08.2019

Date of Issue : 21.08.2019

Place : JALANDHAR

E.D.P. CELL

Prepared By

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Controller of Examinations



# ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ J.K. Gujral Punjab Technical University

16/ 406624 Formerly  
Punjab Technical University

S.No. of EDP  
1001058112

Regn. cum Roll No: 1604437

Name of the College/Institute:

D.A.V. Institute of Engineering &  
Technology, Jalandhar



## Grade Sheet

Bachelor of Technology (Electronics & Communication Engg.), FIFTH Semester, Nov-2019

Name: GYAN SINGH

Father's Name: GURMAIL SINGH

Mother's Name: AMANDEEP KAUR

Subject Code	Subject	Type	Credits	Grade
BTCS-304	Data Structures	Theory	4	P
BTEC-501	Digital Communication System	Theory	4	C
BTEC-502	Digital Signal Processing	Theory	5	B
BTEC-503	Linear Integrated Circuit	Theory	4	P
BTEC-504	Microprocessors & Microcontrollers	Theory	5	P
BTEC-505	Lab Digital Signal Processing	Practical	1	A
BTEC-506	Lab Linear Integrated Circuit	Practical	1	A+
BTEC-507	Lab Digital Communication System	Practical	1	A+
BTEC-508	Lab Hardware Programme & Interfacing	Practical	1	B+
Ind. Trg-5	Industrial Training	Practical	1	A

Credits Registered in the Semester : 27.00 Semester Grade Point Average (SGPA) : 5.30

Notification Result Date : 14.02.2020

Date of Issue : 11.03.2020

Place : JALANDHAR

E.D.P. CELL

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ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ  
**J.K. Gujral Punjab Technical University**  
 Formerly  
**Punjab Technical University**

16/406725

S.No. of EDP  
 1001034014



Regn. cum Roll No: **1604437**  
 Name of the College/Institute:  
**D.A.V. Institute of Engineering & Technology, Jalandhar**

**Grade Sheet**

**Bachelor of Technology (Electronics & Communication Engg.), SIXTH Semester, Nov-2019**

Name : **GYAN SINGH**  
 Father's Name : **GURMAIL SINGH**  
 Mother's Name : **AMANDEEP KAUR**

Subject Code	Subject	Type	Credits	Grade
BTC-401	Operating Systems	Theory	4	C
BTEC-601	Microwave & Radar Engineering	Theory	5	P
BTEC-602	Wireless Communication System	Theory	4	P
BTEC-603	Engineering Economics & Industrial Management	Theory	4	P
BTEC-604	VLSI Design	Theory	5	B
BTEC-605	Lab VLSI	Practical	1	A
BTEC-606	Lab Microwave Engineering	Practical	1	B
BTEC-906	Intelligent Instrumentation	Theory	4	B
GF	General Fitness	Practical	0	A+

**Credits Registered in the Semester : 28.00 Semester Grade Point Average (SGPA) : 5.00**

**Notification Result Date : 14.02.2020**

**Date of Issue : 11.03.2020**

**Place : JALANDHAR**

**E.D.P. CELL**

**Prepared By**

*[Signature]*

*[Signature]*

**Controller of Examinations**

**Checked & Verified By Officer Incharge**



# ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ J.K. Gujral Punjab Technical University

Formerly

16/ 106780 Punjab Technical University

S.No. of EDP

1001102071



Regnum Roll No: 1604437

Name of the College/Institute:

D.A.V. Institute of Engineering & Technology, Jalandhar

## Grade Sheet

Bachelor of Technology (Electronics & Communication Engg.), SEVENTH Semester, Nov-2019

Name : GYAN SINGH

Father's Name : GURMAIL SINGH

Mother's Name : AMANDEEP KAUR

Subject Code	Subject	Type	Credits	Grade
BTCS-403	Computer Networks	Theory	4	B
BTEC-701	Embedded Systems	Theory	4	A
BTEC-702	Optical Communication	Theory	4	B
BTEC-703	Lab Wireless and Optical Systems & Networks	Practical	1	A+
BTEC-704	Lab Embedded Systems	Practical	1	A+
BTEC-705	Major Project	Practical	3	O
BTEC-912	Speech & Image Processing	Theory	4	B
BTEC-920	Wireless Sensor Network	Theory	4	B+
GE	General Fitness	Practical	0	S

Credits Registered in the Semester : 25.00

Semester Grade Point Average (SGPA) : 7.20

Notification Result Date : 18.02.2020

Date of Issue : 11.03.2020

Place : JALANDHAR

E.D.P. CELL

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Officer Incharge

Controller of Examinations

ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ  
J.K. Gujral Punjab Technical University

Formerly

21/ 654431 Punjab Technical University

S.No. of EDP

100117072

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Regn. cum Roll No: 1604437

Name of the College/Institute:

D.A.V. Institute of Engineering & Technology, Jalandhar

Grade Sheet

Bachelor of Technology (Electronics & Communication Engg.), EIGHTH Semester, April-2020

Name : GYAN SINGH  
Father's Name : GURMAIL SINGH  
Mother's Name : AMANDEEP KAUR

Subject Code	Subject	Type	Credits	Grade
ST/BTCH-701/BTCS-801/BTIT-801/BTEE-701/BTME-IT/BTCE-701	Software Training	Practical	8	O
ST/BTCH-702/BTCS-802/BTIT-802/BTEE-702/BTME-IT/BTCE-702	Industrial Oriented Project /Industrial /Institutional Training	Practical	10	O

Credits Registered in the Semester : 18

Semester Grade Point Average (SGPA) : 10.00

Notification Result Date : 01.07.2020

Cumulative Grade Point Average (CGPA): 6.42

Date of Issue : 11.06.2021

Place : JALANDHAR

E.D.P. CELL

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### 1. Absolute Grading Criterion

Sr. No.	Marks	Grade	Grade Points
1	$\geq 90 \text{ \& } < 100$	O	10
2	$\geq 80 \text{ \& } < 90$	A+	9
3	$\geq 70 \text{ \& } < 80$	A	8
4	$\geq 60 \text{ \& } < 70$	B+	7
5	$\geq 50 \text{ \& } < 60$	B	6
6	$\geq 45 \text{ \& } < 50$	C	5
7	$\geq 40 \text{ \& } < 45$	P	4
8	$< 40$	E	0

### 2. Cumulative Grade Point Average

The CGPA is calculated on the basis of all pass grades.

$$\text{CGPA} = \frac{\sum (\text{course credits} \times \text{grade point}) \text{ of course with pass grade}}{\sum (\text{course credits}) \text{ of course with pass grade}}$$

### 3. Conversion of CGPA to Percentage

CGPA	4	5	6	7	8	9	10
Percentage	38	47.5	57	66.5	76	85.5	95

The Multiplication factor for the conversion of CGPA to percentage is 9.5

(This is applicable up to Examination Session April/May-2019 Pass out Students)

### 4. Conversion of CGPA to Percentage

CGPA	4	5	6	7	8	9	10
Percentage	40	50	60	70	80	90	100

The Multiplication factor for the conversion of CGPA to percentage is 10

(This is applicable for Examination Session April/May-2020 and onwards Pass out Students)