आई.के.गुजराल पंजाब टैकनीकल यूनीवरसिटी
I.K. Gujral Punjab Technical University
Formerly
Punjab Technical University

OFFICIAL TRANSCRIPT

Ref. No. 10273954/1   **Dated**   17 Jun 2025

This is to certify that **Mr./Ms. Suryansh Kapil** S/o/D/o Sh. **Arun Kapil** has passed **Bachelor of Technology (Computer Science & Engineering) from CGC College of Engineering, Landran, Mohali** an affiliated college of this University, under University Roll No. **2121490.** The detail of grade are given as under:-

FIRST Semester — EDP No. 1001659800 — Nov-2021

Subject Name	TP	Grade	Credits
Mentoring and Professional Development (BMPD-101-18)	P	S	0
Mathematics-I (BTAM-104-18)	T	A+	4
Basic Electrical Engineering (BTEE-101-18)	T	A	4
Basic Electrical Engineering(Lab) (BTEE-102-18)	P	A+	1
Engineering Graphics & Design (BTME101-21)	T	B+	3
Semi-Conductor Physics (BTPH-104-18)	T	A	4
Semi-Conductor Physics Lab (BTPH-114-18)	P	A+	1.5
Semester Grade Point Average (SGPA) : 8.2		**Earned Credits**	**17.5**

THIRD Semester — EDP No. 1002008995 — April-2023

Subject Name	TP	Grade	Credits
Mathematics-III (BTAM304-18)	T	B	3
Data structure & Algorithms (BTCS301-18)	T	B	3
Object Oriented Programming (BTCS302-18)	T	B+	3
Data Structure & Algorithms Lab (BTCS303-18)	P	B+	2
Object Oriented Programming lab. (BTCS304-18)	P	B+	2
IT Workshop (BTCS305-18)	P	B+	1
Digital Electronics (BTES301-18)	T	C	3
Digital Electronics Lab (BTES302-18)	P	B+	1
Foundation Course in Humanities (Development of Societies/Philosophy) (HSMC101/102-18)	T	B	3
Summer Institutional Training (SIT)	P	S	0
Semester Grade Point Average (SGPA) : 6.29		**Earned Credits**	**21**

FIFTH Semester — EDP No. 1002247014 — Nov-2023

Subject Name	TP	Grade	Credits
Industrial Training (78336)	P	A+	0
Database Management Systems (BTCS 501-18)	T	A+	3
Formal Language & Automata Theory (BTCS 502-18)	T	B	3
Software Engineering (BTCS 503-18)	T	A	3
Computer Networks (BTCS 504-18)	T	B+	3
Database Management Systems Lab (BTCS 505-18)	P	A	2
Software Engineering Lab (BTCS 506-18)	P	B+	1
Computer Networks Lab (BTCS 507-18)	P	B+	1
Web Technologies (BTCS 520-18)	T	A	3
Web Technologies Lab (BTCS 522-18)	P	B+	1
Enterprise Resource Planning (BTES 501-18)	T	B	3
Constitution of India/Essence of Indian Traditional Knowledge (MC)	P	A	0
Semester Grade Point Average (SGPA) : 7.35		**Earned Credits**	**23**

SEVENTH Semester — EDP No. 1002500736 — Nov-2024

Subject Name	TP	Grade	Credits
Project-II (BTCS-703-18)	P	O	6
Network Security and Cryptography (BTCS701-18)	T	A+	3
Data Mining and Data Warehousing (BTCS702-18)	T	A	3
Agile Software Development (BTCS710-18)	T	A	3
Agile Software Development lab (BTCS711-18)	P	O	1
Adhoc and Wireless sensor networks (BTCS716-18)	T	B+	3
Adhoc and Wireless sensor networks lab (BTCS717-18)	P	A+	1
Routing and Switchig (BTEC-905A-18)	T	B+	3
Semester Grade Point Average (SGPA) : 8.52		**Earned Credits**	**23**

SECOND Semester — EDP No. 1001761265 — April-2022

Subject Name	TP	Grade	Credits
Mentoring and Professional Development (BMPD-201-18)	P	S	0
Mathematics-II (BTAM204-18)	T	B	4
Chemistry-I (BTCH-101-18)	T	B	4
Chemistry-I(Lab) (BTCH-102-18)	P	A	1.5
English (BTHU-101-18)	T	B+	2
English(Lab) (BTHU-102-18)	P	A	1
Workshop/Manufacturing Practices (BTMP-101-18)	P	B	3
Programming for Problem solving (BTPS-101-18)	T	B+	3
Programming for Problem solving(Lab) (BTPS-102-18)	P	A	2
Semester Grade Point Average (SGPA) : 6.68		**Earned Credits**	**20.5**

FOURTH Semester — EDP No. 1001978713 — April-2023

Subject Name	TP	Grade	Credits
Discrete Mathematics (BTCS-401-18)	T	B	4
Operating Systems (BTCS-402-18)	T	B	3
Design & Analysis of Algorithms (BTCS-403-18)	T	B+	3
Operating Systems Lab (BTCS-404-18)	P	B+	2
Design & Analysis of Algorithms Lab (BTCS-405-18)	P	B+	2
Computer Organization & Architecture (BTES-401-18)	T	B	3
Computer Organization & Architecture Lab (BTES-402-18)	P	A+	1
Environmental Sciences (EVS 101-18)	P	A	0
Universal Human Values (HSMC-122-18)	T	A	3
Semester Grade Point Average (SGPA) : 6.76		**Earned Credits**	**21**

SIXTH Semester — EDP No. 1002418707 — April-2023

Subject Name	TP	Grade	Credits
Compiler Design (BTCS601-18)	T	A	3
Artificial Intelligence (BTCS602-18)	T	A	3
Project-I (BTCS603-18)	P	A	3
Compiler Design Lab (BTCS604-18)	P	A+	1
Artificial Intelligence Lab (BTCS605-18)	P	A	1
Cloud Computing (BTCS612-18)	T	A+	3
Cloud Computing Lab (BTCS613-18)	P	B+	1
Machine Learnning (BTCS618-18)	T	A+	3
Machine Learnning Lab (BTCS619-18)	P	A	1
Wireless Communication (BTEC-601-18)	T	A	3
Semester Grade Point Average (SGPA) : 8.27		**Earned Credits**	**22**

EIGHTH Semester — EDP No. 1002661805 — April-2025

Subject Name	TP	Grade	Credits
Semester Training (BTCS801-18)	P	A+	16
Semester Grade Point Average (SGPA) : 9		**Earned Credits**	**16**

Cumulative Grade Point Average CGPA : 7.59

Note:- Medium of Instruction is English

EDP Cell Prepared By: Checked By: AR(Exams)   Deputy Controller Exams   Controller of Examinations