



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
 KARNATAKA, INDIA
GRADE CARD

19UG 00171367

B.E. Electronics & Communication Engineering January 2018

Name of the Student : SAURABH SUMAN

USN: 1PE17EC122

Father's / Mother's Name : DILIP KUMAR DAS

Name of the College : PES INSTITUTE OF TECHNOLOGY, BANGALORE SOUTH CAMPUS,
BANGALORE

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
I Semester						
1	17MAT11	Engineering Mathematics-I	4	4	S	10
2	17PHY12	Engineering Physics	4	4	A	9
3	17CIV13	Elements of Civil Engg. & Mechanics	4	4	S	10
4	17EME14	Elements of Mechanical Engineering	4	4	A	9
5	17ELE15	Basic Electrical Engineering	4	4	A	9
6	17WSL16	Workshop Practice	2	2	B	8
7	17PHYL17	Engineering Physics Lab.	2	2	S	10

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
24	24	24	224	9.33	

Medium of instruction: English

Date: June 25, 2020



Registrar (Evaluation)



ವಿಶ್ವವರಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
 KARNATAKA, INDIA
GRADE CARD

19UG 00171962

B.E. Electronics & Communication Engineering July 2018

Name of the Student :

SAURABH SUMAN

USN:

1PE17EC122

Father's / Mother's Name :

DILIP KUMAR DAS

Name of the College :

PES INSTITUTE OF TECHNOLOGY, BANGALORE SOUTH CAMPUS,
 BANGALORE

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
II Semester						
1	17MAT21	Engineering Mathematics-II	4	4	S	10
2	17CHE22	Engineering Chemistry	4	4	A	9
3	17PCD23	Programming in C and Data Structures	4	4	C	7
4	17CED24	Computer Aided Engineering Drawing	4	4	A	9
5	17ELN25	Basic Electronics	4	4	A	9
6	17CPL26	Computer Programming Lab.	2	2	S	10
7	17CHEL27	Engineering Chemistry Lab.	2	2	S	10
8	17CIV28	Environmental Studies	0	0	PP	0

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
24	24	48	216	9.00	9.17

Medium of instruction: English

Date:

June 25, 2020



[Signature]
 Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
 KARNATAKA, INDIA
GRADE CARD

19UG 00172547

B.E. Electronics & Communication Engineering January 2019

Name of the Student : SAURABH SUMAN

USN: 1PE17EC122

Father's / Mother's Name : DILIP KUMAR DAS

Name of the College : PES INSTITUTE OF TECHNOLOGY, BANGALORE SOUTH CAMPUS,
BANGALORE

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
III Semester						
1	17MAT31	Engineering Mathematics - III	4	4	S	10
2	17EC32	Electronic Instrumentation	3	3	A	9
3	17EC33	Analog Electronics	4	4	B	8
4	17EC34	Digital Electronics	4	4	B	8
5	17EC35	Network Analysis	4	4	A	9
6	17EC36	Engineering Electromagnetics	4	4	D	6
7	17ECL37	Analog Electronics Lab.	2	2	A	9
8	17ECL38	Digital Electronics Lab.	2	2	S	10
9	17KKK39	Kannada Kali	1	0	F	0

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
28	27	75	229	8.18	8.92

Medium of instruction: English

Date: June 25, 2020



Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
 KARNATAKA, INDIA
GRADE CARD

19UG 00173219

B.E. Electronics & Communication Engineering July 2019

Name of the Student : SAURABH SUMAN

USN: 1PE17EC122

Father's / Mother's Name : DILIP KUMAR DAS

Name of the College : PES INSTITUTE OF TECHNOLOGY, BANGALORE SOUTH CAMPUS,
BANGALORE

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
IV Semester						
1	17MAT41	Engineering Mathematics -IV	4	4	A	9
2	17EC42	Signals and Systems	4	4	A	9
3	17EC43	Control Systems	4	4	B	8
4	17EC44	Principles of Communication Systems	4	4	B	8
5	17EC45	Linear Integrated Circuits	4	4	C	7
6	17EC46	Microprocessor	3	3	D	6
7	17ECL47	Microprocessor Lab	2	2	D	6
8	17ECL48	Linear ICs and Communication Lab	2	2	B	8
9	17CPH49	Const. of India, Prof. Ethics & Human Rights	1	1	C	7
III Semester						
10	17KKK39*	Kannada Kali	1	1	C	7

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
29	29	104	224	7.72	8.59

Medium of instruction: English

Date: June 25, 2020



Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
 KARNATAKA, INDIA
GRADE CARD

19UG 00350291

B.E. Electronics & Communication Engineering January 2020

Name of the Student : SAURABH SUMAN

USN: 1PE17EC122

Father's / Mother's Name : DILIP KUMAR DAS

Name of the College : PES INSTITUTE OF TECHNOLOGY, BANGALORE SOUTH CAMPUS,
BANGALORE

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
V Semester						
1	17ES51	Management and Entrepreneurship Development	4	4	B	8
2	17EC52	Digital Signal Processing	4	4	A	9
3	17EC53	Verilog HDL	4	4	B	8
4	17EC54	Information Theory & Coding	4	4	B	8
5	17EC555	MSP430 Microcontroller	3	3	A	9
6	17EC562	Object Oriented Programming Using C++	3	3	C	7
7	17ECL57	DSP Lab	2	2	S	10
8	17ECL58	HDL Lab	2	2	C	7

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
26	26	130	214	8.23	8.52

Medium of instruction: English

Date: November 06, 2020



(Signature)

Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
 KARNATAKA, INDIA
GRADE CARD

19UG 00608905

B.E. Electronics & Communication Engineering August 2020

Name of the Student : SAURABH SUMAN

USN: 1PE17EC122

Father's / Mother's Name : DILIP KUMAR DAS

Name of the College : PES INSTITUTE OF TECHNOLOGY, BANGALORE SOUTH CAMPUS,
BANGALORE

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
VI Semester						
1	17EC61	Digital Communication	4	4	A	9
2	17EC62	ARM Microcontroller & Embedded Systems	4	4	B	8
3	17EC63	VLSI Design	4	4	A	9
4	17EC64	Computer Communication Networks	4	4	A	9
5	17EC655	Microelectronics	3	3	A	9
6	17EC661	Data Structures Using C++	3	3	B	8
7	17ECL67	Embedded Controller Lab.	2	2	A	9
8	17ECL68	Computer Networks Lab.	2	2	A	9

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
26	26	156	227	8.73	8.55

Medium of instruction: English

Date: July 27, 2021



Rangaswamy B.E

Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

GRADE CARD

19UG 00680828

B.E. Electronics & Communication Engineering January 2021

Name of the Student : SAURABH SUMAN

USN: 1PE17EC122

Father's / Mother's Name : DILIP KUMAR DAS

Name of the College : PES INSTITUTE OF TECHNOLOGY, BANGALORE SOUTH CAMPUS,
BANGALORE

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
VII Semester						
1	17EC71	Microwave and Antennas	4	4	C	7
2	17EC72	Digital Image Processing	4	4	D	6
3	17EC73	Power Electronics	4	4	B	8
4	17EC741	Multimedia Communication	3	3	C	7
5	17EC751	DSP Algorithms and Architecture	3	3	C	7
6	17ECL76	Advanced Communication Lab.	2	2	A	9
7	17ECL77	VLSI Lab.	2	2	A	9
8	17ECP78	Project Work Phase-I +Project work Seminar	2	2	A	9

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
24	24	180	180	7.50	8.41

Medium of instruction: English

Date: December 10, 2021



Rangaswamy B.E

Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
 KARNATAKA, INDIA
GRADE CARD

B.E. Electronics & Communication Engineering August 2021

19UG 00725827

Name of the Student : SAURABH SUMAN

USN: 1PE17EC122

Father's / Mother's Name : DILIP KUMAR DAS

Name of the College : PES INSTITUTE OF TECHNOLOGY, BANGALORE SOUTH CAMPUS,
BANGALORE

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
VIII Semester						
1	17EC81	Wireless Cellular and LTE 4G Broadband	4	4	B	8
2	17EC82	Fiber Optics & Networks	4	4	A	9
3	17EC834	Machine learning	3	3	A	9
4	17EC84	Internship/Professional Practice	2	2	S	10
5	17ECP85	Project Work Phase II	6	6	S	10
6	17ECS86	Seminar	1	1	S	10
I Semester						
7	17ENG18	Language - English	0	0	PP	0

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
20	20	200	185	9.25	8.50

Medium of instruction: English

Date: January 03, 2022



Rangasamy B.E

Registrar (Evaluation)