



Certifies that  
**SHIVANAND G AMMINABHAVI**

**ಬ್ಯಾಚಲರ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್**

ಪದವಿಗೆ ಅಗತ್ಯವಾದ ಅರ್ಹತೆಗಳನ್ನು ಪೂರೈಸಿ ಪರಿಗಣಿತವಾಗಿರುವ ಕಾರಣ  
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಗೆ ಅವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ

*has been duly admitted to the Degree of*

**Bachelor of Engineering**

*in recognition of the fulfilment of requirements  
for the said degree*



ಪರೀಕ್ಷಾ ಕ್ರಮ ಸಂಖ್ಯೆ

University Seat Number : 2VD19EC093

ವಿಷಯ

Subject : *Electronics & Communication Engineering*

ಶ್ರೇಣಿ

Class : *First Class with Distinction*

D 50577  
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ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆಯೊಂದಿಗೆ ಕೊಡಲ್ಪಟ್ಟಿದೆ

Given under the seal of the University

Month & Year of Passing : **June 2023**

ಬೆಳಗಾವಿ

Belagavi

ದಿನಾಂಕ

Date : **AUG 1, 2023**

ಕುಲಪತಿ

VICE CHANCELLOR





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

19UG 00348455

B.E. Mechanical Engineering January 2020

Name of the Student : SHIVANAND G AMMINABHAVI

USN: 2VD19ME041

Father's / Mother's Name : GURUPAD

Name of the College : KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY,  
HALLYAL

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
<b>I Semester</b>						
1	18MAT11	Calculus and Linear Algebra	4	4	B	8
2	18CHE12	Engineering Chemistry	4	4	C	7
3	18CPS13	C Programming for Problem Solving	3	3	B	8
4	18ELN14	Basic Electronics	3	3	B	8
5	18ME15	Elements of Mechanical Engineering	3	3	B	8
6	18CHEL16	Engineering Chemistry Laboratory	1	1	S	10
7	18CPL17	C Programming Laboratory	1	1	S	10
8	18EGH18	Technical English - I	1	1	C	7

\* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
20	20	20	159	7.95	

Medium of instruction: English

Date: November 07, 2020



*[Signature]*

Registrar (Evaluation)







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

GRADE CARD

B.E. Mechanical Engineering August 2020

19UG 00655665

Name of the Student : SHIVANAND G AMMINABHAVI

USN: 2VD19ME041

Father's / Mother's Name : GURUPAD

Name of the College : KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY,  
HALLYAL

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
<b>II Semester</b>						
1	18MAT21	Advanced Calculus and Numerical Methods	4	4	A	9
2	18PHY22	Engineering Physics	4	4	A	9
3	18ELE23	Basic Electrical Engineering	3	3	B	8
4	18CIV24	Elements of Civil Engineering & Mechanics	3	3	A	9
5	18EGDL25	Engineering Graphics	3	3	B	8
6	18PHYL26	Engineering Physics Laboratory	1	1	A	9
7	18ELEL27	Basic Electrical Engineering Laboratory	1	1	A	9
8	18EGH28	Technical English - II	1	1	A	9

\* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
20	20	40	174	8.70	8.33

Medium of instruction: English

Date: July 23, 2021



Rangaswamy B.E

Registrar (Evaluation)







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

B.E. Electronics & Communication Engineering January 2021

21UG 186417

Name of the Student : SHIVANAND G AMMINABHAVI

USN: 2VD19EC093

Father's / Mother's Name : 1

Name of the College : KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY,  
HALLYAL

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
<b>III Semester</b>						
1	18MAT31	Transform Calculus, Fourier Series & Num Tech	3	3	C	7
2	18EC32	Network Theory	4	4	C	7
3	18EC33	Electronic Devices	3	3	C	7
4	18EC34	Digital System Design	3	3	C	7
5	18EC35	Computer Organization & Architecture	3	3	B	8
6	18EC36	Power Electronics & Instrumentation	3	3	C	7
7	18ECL37	Electronic Devices & Instrumentation Lab	2	2	S	10
8	18ECL38	Digital System Design Laboratory	2	2	S	10
9	18GPC39	Const. of India, Prof. Ethics & Cyber Law	1	1	B	8

\* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
24	24	64	184	7.67	8.08

Medium of instruction: English

Date: February 22, 2022



*Rangaswamy B.E*

Registrar (Evaluation)





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

B.E. Electronics & Communication Engineering August 2021 <sup>21UG</sup> 188324

Name of the Student : SHIVANAND G AMMINABHAVI

USN: 2VD19EC093

Father's / Mother's Name : 1

Name of the College : KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY,  
HALLYAL

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
<b>IV Semester</b>						
1	18MAT41	Complex Analysis, Probability & Stat. Method"	3	3	A	9
2	18EC42	Analog Circuits	4	4	B	8
3	18EC43	Control Systems	3	3	B	8
4	18EC44	Engineering Statistics & Linear Algebra	3	3	B	8
5	18EC45	Signals & Systems	3	3	B	8
6	18EC46	Microcontroller	3	3	B	8
7	18ECL47	Microcontroller Laboratory	2	2	B	8
8	18ECL48	Analog Circuits Laboratory	2	2	A	9
9	18KAK49	Aadalitha Kannada	1	1	A	9

\* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
24	24	88	198	8.25	8.13

Medium of instruction: English

Date: February 22, 2022



*Rangaswamy B.E*

Registrar (Evaluation)







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

GRADE CARD

UG22191067

B.E. Electronics & Communication Engineering January 2022

Name of the Student : SHIVANAND G AMMINABHAVI

USN: 2VD19EC093

Father's / Mother's Name : GURUPAD

Name of the College : KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALLYAL

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
<b>V Semester</b>						
1	18ES51	Technological Innovation Management & Entrepreneurship	3	3	B	8
2	18EC52	Digital Signal Processing	4	4	C	7
3	18EC53	Principles of Communication Systems	4	4	D	6
4	18EC54	Information Theory & Coding	3	3	C	7
5	18EC55	Electromagnetic Waves	3	3	D	6
6	18EC56	Verilog HDL	3	3	C	7
7	18ECL57	Digital Signal Processing Laboratory	2	2	S	10
8	18ECL58	HDL Laboratory	2	2	S	10
9	18CIV59	Environmental Studies	1	1	B	8

\* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
25	25	113	184	7.36	7.96

Medium of instruction: English

Date: November 17, 2022



Rangaswamy B.E

Registrar (Evaluation)







ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

GRADE CARD

UG22267380

B.E. Electronics & Communication Engineering January 2023

Name of the Student : SHIVANAND G AMMINABHAVI

USN: 2VD19EC093

Father's / Mother's Name : GURUPAD

Name of the College : KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY,  
HALLYAL

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
<b>VII Semester</b>						
1	18EC71	Computer Networks	3	3	D	6
2	18EC72	VLSI Design	3	3	B	8
3	18EC733	Digital Image Processing	3	3	B	8
4	18EC743	Multimedia Communication	3	3	C	7
5	18CV753	Environmental Protection and Management	3	3	A	9
6	18ECL76	Computer Networks Lab	2	2	S	10
7	18ECL77	VLSI Laboratory	2	2	S	10
8	18ECP78	Project Work Phase - I	1	1	S	10

\* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
20	20	157	164	8.20	8.09

Medium of instruction: English

Date: April 06, 2023



Registrar (Evaluation)







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

GRADE CARD

UG22482535

B.E. Electronics & Communication Engineering July 2023

Name of the Student : SHIVANAND G AMMINABHAVI

USN: 2VD19EC093

Father's / Mother's Name : GURUPAD

Name of the College : KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY,  
HALLYAL

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
		<b>VIII Semester</b>				
1	18EC81	Wireless and Cellular Communication	3	3	C	7
2	18EC821	Network Security	3	3	A	9
3	18ECP83	Project Work Phase - 2	8	8	S	10
4	18ECS84	Technical Seminar	1	1	S	10
5	18ECI85	Internship	3	3	S	10

\* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
18	18	175	168	9.33	8.22

Medium of instruction: English

Date: July 19, 2023



Registrar (Evaluation)







ವಿಶ್ವವರಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

GRADE CARD

UG22267379

B.E. Electronics & Communication Engineering July 2022

Name of the Student : SHIVANAND G AMMINABHAVI

USN: 2VD19EC093

Father's / Mother's Name : GURUPAD

Name of the College : KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY,  
HALLYAL

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
<b>VI Semester</b>						
1	18EC61	Digital Communication	4	4	C	7
2	18EC62	Embedded Systems	4	4	A	9
3	18EC63	Microwave and Antennas	4	4	A	9
4	18EC646	Python Application Programming	3	3	B	8
5	18CS652	Introduction to Data Structures and Algorithms	3	3	A	9
6	18ECL66	Embedded System Laboratory	2	2	A	9
7	18ECL67	Communication Laboratory	2	2	A	9
8	18ECMP68	Mini-project	2	2	S	10

\* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
24	24	137	207	8.63	8.07

Medium of instruction: English

Date: April 06, 2023



Registrar (Evaluation)



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