



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

19UG 00203676

B.E. Computer Science & Engineering January 2020

Name of the Student : ANANYA N RAJ

USN: 4AI19CS011

Father's / Mother's Name : NAGARAJ E S

Name of the College : ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHICKMAGALUR

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	S	10
2	18CHE12	Engineering Chemistry	4	4	C	7
3	18CPS13	C Programming for Problem Solving	3	3	C	7
4	18ELN14	Basic Electronics	3	3	B	8
5	18ME15	Elements of Mechanical Engineering	3	3	C	7
6	18CHEL16	Engineering Chemistry Laboratory	1	1	A	9
7	18CPL17	C Programming Laboratory	1	1	S	10
8	18EGH18	Technical English - I	1	1	B	8

\* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
20	20	20	161	8.05	

Medium of instruction: English

Date: October 12, 2020



Registrar (Evaluation)





ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

GRADE CARD

19UG 00539511

B.E. Computer Science & Engineering August 2020

Name of the Student : ANANYA N RAJ

USN: 4AI19CS011

Father's / Mother's Name : NAGARAJ E S

Name of the College : ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHICKMAGALUR

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	A	9
4	18CIV24	Elements of Civil Engineering & Mechanics	3	3	A	9
5	18EGDL25	Engineering Graphics	3	3	A	9
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	180	9.00	8.53

Medium of Instruction: English

Date: July 07, 2021



Rangaswamy B. E

Registrar (Evaluation)





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

**GRADE CARD**

21UG 203714

B.E. Computer Science & Engineering January 2021

Name of the Student : ANANYA N RAJ

USN: 4AI19CS011

Father's / Mother's Name : NAGARAJ E S

Name of the College : ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHICKMAGALUR

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	B	8
2	18CS32	Data Structures and Applications	4	4	B	8
3	18CS33	Analog and Digital Electronics	3	3	D	6
4	18CS34	Computer Organization	3	3	C	7
5	18CS35	Software Engineering	3	3	C	7
6	18CS36	Discrete Mathematical Structures	3	3	B	8
7	18CSL37	Analog and Digital Electronics Laboratory	2	2	A	9
8	18CSL38	Data Structures Laboratory	2	2	A	9
9	18KAK39	Aadalitha Kannada	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	8.20

Medium of instruction: English

Date: June 22, 2022



*Rangaswamy B. E*

Registrar (Evaluation)





ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA  
GRADE CARD

21UG 218745

B.E. Computer Science & Engineering August 2021

Name of the Student : ANANYA N RAJ

USN: 4AI19CS011

Father's / Mother's Name : NAGARAJ E S

Name of the College : ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHICKMAGALUR

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	18CS42	Design and Analysis of Algorithms	4	4	A	9
3	18CS43	Operating Systems	3	3	A	9
4	18CS44	Microcontroller and Embedded Systems	3	3	A	9
5	18CS45	Object Oriented Concepts	3	3	A	9
6	18CS46	Data Communication	3	3	B	8
7	18CSL47	Design and Analysis of Algorithm Laboratory	2	2	A	9
8	18CSL48	Microcontroller and Embedded Systems Lab.	2	2	A	9
9	18CPC49	Const. of India, Prof. Ethics & Cyber Law	1	1	A	9

\* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
24	24	88	213	8.88	8.39

Medium of instruction: English

Date: June 24, 2022



*Rangaswamy B. E*

Registrar (Evaluation)

## CREDIT REQUIREMENTS AND GRADING SYSTEM

### Nomenclature:

- PP : Pass in Mandatory Non-Credit Course  
 NP : Not Passed in Mandatory Non-Credit Course  
 NE : Not Eligible  
 SGPA : Semester Grade Point Average  
 CGPA : Cumulative Grade Point Average

$$SGPA = \frac{\sum (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses registered in that semester}}{\sum (\text{Course Credits}) \text{ for all courses registered in that semester}}$$

$$CGPA = \frac{\sum \{(\text{Course Credits}) \times (\text{Grade Points})\} \text{ for all courses excluding those with F grade until that semester}}{\sum (\text{Course Credits}) \text{ for courses excluding those with F grade until that semester}}$$

### GRADE POINTS SCALE

For

#### B.Arch. 2015 SCHEME AND B.E./B.Tech./B.Plan. 2017/2018 SCHEMES

Level	Outstanding	Excellent	Very Good	Good	Above Average	Average	Fail
Letter Grade	S	A	B	C	D	E	F
Grade Points	10	09	08	07	06	04	00
Score (Marks)	≥90	<90	<80	<70	<60	<45	<40
Range (%)		≥80	≥70	≥60	≥45	≥40	

A student obtaining F grade is required to reappear for the said course and pass the same when held again.





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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

GRADE CARD

UG22050051

B.E. Computer Science & Engineering January 2022

Name of the Student : ANANYA N RAJ

USN: 4AI19CS011

Father's / Mother's Name : NAGARAJ E S

Name of the College : ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHICKMAGALUR

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
<b>V Semester</b>						
1	18CS51	Management and Entrepreneurship for IT Industry	3	3	A	9
2	18CS52	Computer Networks and Security	4	4	A	9
3	18CS53	Database Management Systems	4	4	B	8
4	18CS54	Automata Theory and Computability	3	3	B	8
5	18CS55	Application Development using Python	3	3	A	9
6	18CS56	Unix Programming	3	3	B	8
7	18CSL57	Computer Network Laboratory	2	2	B	8
8	18CSL58	DBMS Laboratory with mini project	2	2	S	10
9	18CIV59	Environmental Studies	1	1	A	9

\* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
25	25	113	215	8.60	8.43

Medium of Instruction: English

Date: November 10, 2022



Rangaswamy B.E  
Registrar (Evaluation)





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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

GRADE CARD

UG22196994

B.E. Computer Science & Engineering July 2022

Name of the Student : ANANYA N RAJ

USN: 4AI19CS011

Father's / Mother's Name : NAGARAJ E S

Name of the College : ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHICKMAGALUR

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
<b>VI Semester</b>						
1	18CS61	System Software and Compilers	4	4	B	8
2	18CS62	Computer Graphics and Visualization	4	4	A	9
3	18CS63	Web Technology and its applications	4	4	A	9
4	18CS641	Data Mining and Data Warehousing	3	3	B	8
5	18EC652	Sensors & Signal Conditioning	3	3	B	8
6	18CSL66	System Software Laboratory	2	2	S	10
7	18CSL67	Computer Graphics Laboratory with mini project	2	2	S	10
8	18CSMP68	Mobile Application Development	2	2	S	10

\* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
24	24	137	212	8.83	8.50

Medium of instruction: English

Date: December 16, 2022



*Rangaswamy B.E*  
Registrar (Evaluation)



**ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ**  
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**

KARNATAKA, INDIA

**GRADE CARD**

UG22273813

B.E. Computer Science & Engineering January 2023

Name of the Student : ANANYA N RAJ

USN: 4AI19CS011

Father's / Mother's Name : NAGARAJ E S

Name of the College : ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHICKMAGALUR

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
<b>VII Semester</b>						
1	18CS71	Artificial Intelligence and Machine Learning	4	4	B	8
2	18CS72	Big Data Analytics	4	4	S	10
3	18CS733	Advanced Computer Architecture	3	3	A	9
4	18CS742	Network Management	3	3	B	8
5	18ME751	Energy and Environment	3	3	S	10
6	18CSL76	Artificial Intelligence and Machine Learning Laboratory	2	2	S	10
7	18CSP77	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	183	9.15	8.59

Medium of instruction: English

Date: April 21, 2023



Registrar (Evaluation)





ವಿಶ್ವವರಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

GRADE CARD

B.E. Computer Science & Engineering July 2023

UG22447134

Name of the Student : ANANYA N RAJ

USN: 4AI19CS011

Father's / Mother's Name : NAGARAJ E S

Name of the College : ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHICKMAGALUR

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
<b>VIII Semester</b>						
1	18CS81	Internet of Things	3	3	S	10
2	18CS822	Storage Area Networks	3	3	B	8
3	18CSP83	Project Work Phase - 2	8	8	S	10
4	18CSS84	Technical Seminar	1	1	S	10
5	18CSI85	Internship	3	3	S	10


\* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\sum(C_i \times G_i)$	SGPA	CGPA
18	18	175	174	9.67	8.70

Medium of Instruction: English

Date: July 13, 2023



  
Registrar (Evaluation)



## CREDIT REQUIREMENTS AND GRADING SYSTEM

### Nomenclature:

- PP : Pass in Mandatory Non – Credit Course  
 NP : Not Passed in Mandatory Non – Credit Course  
 NE : Not Eligible  
 SGPA : Semester Grade Point Average  
 CGPA : Cumulative Grade Point Average

$$SGPA = \frac{(\sum (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses registered in that semester})}{(\sum (\text{Course Credits}) \text{ for all courses registered in that semester})}$$

$$CGPA = \frac{(\sum (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses excluding those with F grade until that semester})}{(\sum (\text{Course Credits}) \text{ for courses excluding those with F grade until that semester})}$$

### Grade Points Scale

Scheme	Level	Outstanding	Excellent	Very Good	Good	Above Average	Average	Fail
B.Arch. 2015 and B.E./B.Tech./B.Plan. 2017/2018	letter grade	S	A	B	C	D	E	F
	Grade Points	10	9	8	7	6	4	0
	Score Range (%)	90-100	80-89	70-79	60-69	45-59	40-44	0-39

Scheme	Level	Outstanding	Excellent	Very Good	Good	Above Average	Average	Fail
P.G. - 2017	letter grade	S	A	B	C	D	E	F
	Grade Points	10	9	8	7	6	4	0
	Score Range (%)	90-100	80-89	70-79	60-69	45-59	42-44	0-41

Scheme	Level	Outstanding	Excellent	Very Good	Good	Above Average	Average	Fail
P.G. - 2018/2020 & P.G. Dip. 2020	letter grade	S	A	B	C	D	E	F
	Grade Points	10	9	8	7	6	4	0
	Score Range (%)	90-100	80-89	70-79	60-69	55-59	50-54	0-49

Scheme	Level	Outstanding	Excellent	Very Good	Good	Above Average	Average	Pass	Fail
B.E./B.Tech./B.Plan. / B.Sc. (Hons.) 2021	letter grade	O	A+	A	B+	B	C	P	F
	Grade Points	10	9	8	7	6	5	4	0
	Score Range (%)	90-100	80-89	70-79	60-69	55-59	50-54	40-49	0-39

Scheme	Level	Outstanding	Excellent	Very Good	Good	Above Average	Average	Pass	Fail
B.Arch. 2021	letter grade	O	A+	A	B+	B	C	P	F
	Grade Points	10	9	8	7	6	5	4	0
	Score Range (%)	90-100	80-89	70-79	60-69	55-59	51-54	50	0-49