



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

REGD 00067243

B.E. Mechanical Engineering January 2018

Name of the Student : RUTURAJ UDAY BORKAR

USN: 18G17ME039

Father's / Mother's Name : UDAY VINAYAK BORKAR

Name of the College : B.N.M. INSTITUTE OF TECHNOLOGY, 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	D	6
2	17PHY12	Engineering Physics	4	4	D	6
3	17CIV13	Elements of Civil Engg. & Mechanics	4	4	C	7
4	17EME14	Elements of Mechanical Engineering	4	4	D	6
5	17ELE15	Basic Electrical Engineering	4	4	D	6
	NSL *8	Workshop Practice	2	2	A	9
		Engineering Physics Lab.	2	2	A	9

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\sum (C_i \times G_i)$	SGPA	CGPA
24	24	24	160	6.67	

Medium of Instruction: English

Date: May 13, 2020



Signature
Registrar (Evaluation)



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

19UG 00067626

B.E. Mechanical Engineering July 2018

Name of the Student : RUTURAJ UDAY BORKAR

USN: 1BG17ME039

Father's / Mother's Name : UDAY VINAYAK BORKAR

Name of the College : B.N.M. INSTITUTE OF TECHNOLOGY, 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	E	4
2	17CHE22	Engineering Chemistry	4	4	D	6
3	17PCD23	Programming in C and Data Structures	4	4	D	6
4	17CED24	Computer Aided Engineering Drawing	4	4	C	7
5	17ELN25	Basic Electronics	4	4	D	6
6	17CPL26	Computer Programming Lab.	2	2	A	9
7	17CHEL27	Engineering Chemistry Lab.	2	2	C	7
8	17CIV28	Environmental Studies	0	0	PP	0

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\sum(C_i \times G_i)$	SGPA	CGPA
24	24	48	148	6.17	6.42

Medium of Instruction: English

Date: May 13, 2020



Registrar (Evaluation)



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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

GRADE CARD

19UG 00068005

B.E. Mechanical Engineering January 2019

USN: 1BG17ME039

Name of the Student : RUTURAJ UDAY BORKAR

Father's / Mother's Name : UDAY VINAYAK BORKAR

Name of the College : B.N.M. INSTITUTE OF TECHNOLOGY, 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	E	4
2	17ME32	Materials Science	4	4	C	7
3	17ME33	Basic Thermodynamics	4	4	D	6
4	17ME34	Mechanics of Materials	4	0	F	0
5	17MEA305	Metal Casting and Welding	4	4	D	6
6	17MEA306	Computer Aided Machine Drawing	3	3	D	6
7	17MELA307	Materials Testing Lab	2	2	B	8
8	17MELA308	Foundry and Forging Lab	2	2	A	9
9	17CPH39	Const. of India, Prof. Ethics & Human Rights	1	0	F	0

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
28	23	71	144	5.14	6.37

Medium of instruction: English

Date: May 13, 2020



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Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

GRADE CARD

19UG 00068486

B.E. Mechanical Engineering July 2019

Name of the Student : RUTURAJ UDAY BORKAR

USN: 1BG17ME039

Father's / Mother's Name : UDAY VINAYAK BORKAR

Name of the College : B.N.M. INSTITUTE OF TECHNOLOGY, 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	E	4
2	17ME42	Kinematics of Machinery	4	4	D	6
3	17ME43	Applied Thermodynamics	4	4	D	6
4	17ME44	Fluid mechanics	4	4	E	4
5	17MEB405	Machine Tools and Operations	4	4	C	7
6	17MEB406	Mechanical Measurements and Metrology	3	3	C	7
7	17MELB407	Mechanical Measurements and Metrology Lab	2	2	B	8
8	17MELB408	Machine Shop	2	2	A	9
9	17KKK49	Kannada Kali	1	1	B	8
III Semester						
10	17ME34*	Mechanics of Materials	4	0	F	0
11	17CPH39*	Const. of India, Prof. Ethics & Human Rights	1	1	D	6

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\sum(C_i \times G_i)$	SGPA	CGPA
33	29	100	177	5.36	6.29

Medium of instruction: English

Date: May 13, 2020



[Signature]

Registrar (Evaluation)



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

19UG 00427659

B.E. Mechanical Engineering January 2020

Name of the Student : RUTURAJ UDAY BORKAR

USN: 1BG17ME039

Father's / Mother's Name : UDAY VINAYAK BORKAR

Name of the College : B.N.M. INSTITUTE OF TECHNOLOGY, BANGALORE

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
V Semester						
1	17ME51	Management and Engineering Economics	4	4	D	6
2	17ME52	Dynamics of Machinery	4	4	E	4
3	17ME53	Turbo Machines	4	0	F	0
4	17ME54	Design of Machine Elements-I	4	4	E	4
5	17ME554	Non Traditional Machining	3	3	C	7
6	17ME563	Automation and Robotics	3	3	D	6
7	17MEL57	Fluid Mechanics & Machinery Lab	2	2	B	8
8	17MEL58	Energy Lab	2	2	D	6
III Semester						
9	17ME34*	Mechanics of Materials	4	4	D	6

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* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\sum(C_i \times G_i)$	SGPA	CGPA
30	26	126	147	4.90	6.16

Medium of Instruction: English

Date: November 18, 2020



Registrar (Evaluation)



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

GRADE CARD
B.E. Mechanical Engineering August 2020

19UG 00556882

Name of the Student : RUTURAJ UDAY BORKAR

USN: 1BG17ME039

Father's / Mother's Name : UDAY VINAYAK BORKAR

Name of the College : B.N.M. INSTITUTE OF TECHNOLOGY, BANGALORE

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
VI Semester						
1	17ME61	Finite Element Analysis	4	4	C	7
2	17ME62	Computer Integrated Manufacturing	4	4	B	8
3	17ME63	Heat Transfer	4	4	C	7
4	17ME64	Design of Machine Elements-II	4	4	C	7
5	17ME653	Metal Forming	3	3	C	7
6	17ME664	Total Quality Management	3	3	B	8
7	17MEL67	Heat Transfer Lab.	2	2	B	8
8	17MEL68	Modeling and Analysis Lab.	2	2	C	7
V Semester						
9	17ME53*	Turbo Machines	4	4	E	4

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
30	30	156	207	6.90	6.30

Medium of Instruction: English

Date: July 09, 2021



Rangaswamy B.E

Registrar (Evaluation)



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

19UG 00688378

B.E. Mechanical Engineering January 2021

Name of the Student : RUTURAJ UDAY BORKAR

USN: 1BG17ME039

Father's / Mother's Name : UDAY VINAYAK BORKAR

Name of the College : B.N.M. INSTITUTE OF TECHNOLOGY, BANGALORE

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
		VII Semester				
1	17ME71	Energy Engineering	4	4	C	7
2	17ME72	Fluid Power Systems	4	4	C	7
3	17ME73	Control Engineering	4	0	F	0
4	17ME745	Smart Materials & MEMS	3	3	D	6
5	17ME753	Mechatronics	3	3	C	7
6	17ME753	Mechatronics	2	2	B	8
7	17MEL76	Design Lab.	2	2	A	9
8	17MEL77	CIM Lab.	2	2	S	10
8	17MEP78	Project Phase-I				

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
24	20	176	149	6.21	6.43

Medium of Instruction: English

Date: December 13, 2021

Rangaswamy B.E
Registrar (Evaluation)



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

B.E. Mechanical Engineering August 2021

19UG 00734991

USN: 1BG17ME039

Name of the Student : RUTURAJ UDAY BORKAR

Father's / Mother's Name : UDAY VINAYAK BORKAR

Name of the College : B.N.M. INSTITUTE OF TECHNOLOGY, BANGALORE

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
		VIII Semester				
1	17ME81	Operations Research	4	4	C	7
2	17ME82	Additive Manufacturing	4	4	C	7
3	17ME835	Product life cycle management	3	3	B	8
4	17ME84	Internship/Professional Practice	2	2	S	10
5	17MEP85	Project Work Phase II	6	6	S	10
6	17MES86	Seminar	1	1	S	10
		VII Semester				
7	17ME73*	Control Engineering	4	4	C	7
		I Semester				
8	17ENG18	Language - English	0	0	PP	0

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
24	24	200	198	8.25	6.65

Medium of instruction: English

Date: January 04, 2022



Rangasamy B. E

Registrar (Evaluation)