



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

GRADE CARD

19UG 00067243

B.E. Mechanical Engineering January 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)
		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
	WSL16	Workshop Practice	2	2	A	9
		Engineering Physics Lab.	2	2	A	9

* Repeated Exam.

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_j \times G_j)$	SGPA	CGPA
24	24	24	160	6.67	

Medium of instruction: English

Date: May 13, 2020



Ramnig
Registrar (Evaluation)



ವಿಷ್ವೇಶ್ವರಯ್ಯ 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)
1	17MAT21	II Semester				
2	17CHE22	Engineering Mathematics-II	4	4	E	4
3	17PCD23	Engineering Chemistry	4	4	D	6
4	17CED24	Programming in C and Data Structures	4	4	D	6
5	17ELN25	Computer Aided Engineering Drawing	4	4	C	7
6	17CPL26	Basic Electronics	4	4	D	6
7	17CHEL27	Computer Programming Lab.	2	2	A	9
8	17CIV28	Engineering Chemistry Lab.	2	2	C	7
		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	148	6.17	6.42

Medium of instruction: English

Date: May 13, 2020



S. Venugopal
Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA
GRADE CARD

19UG 00068005

B.E. Mechanical Engineering January 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)
1	17MAT31	III Semester 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



Ramnig
Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ಶಾಂತಿಕ 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	$\Sigma(C_i \times G_i)$	SGPA	CGPA
33	29	100	177	5.36	6.29

Medium of Instruction: English

Date: May 13, 2020



Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ 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)
1	17ME51	V Semester				
2	17ME52	Management and Engineering Economics	4	4	D	6
3	17ME53	Dynamics of Machinery	4	4	E	4
4	17ME54	Turbo Machines	4	0	F	0
5	17ME554	Design of Machine Elements-I	4	4	E	4
6	17ME563	Non Traditional Machining	3	3	C	7
7	17MEL57	Automation and Robotics	3	3	D	6
8	17MEL58	Fluid Mechanics & Machinery Lab	2	2	B	8
9	17ME34*	Energy Lab	2	2	D	6
		III Semester				
		Mechanics of Materials	4	4	D	6

* Repeated Exam.

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

Medium of Instruction: English

Date: November 18, 2020



sunrise
Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ 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)
1	17ME61	VI Semester				
2	17ME62	Finite Element Analysis	4	4	C	7
3	17ME63	Computer Integrated Manufacturing	4	4	B	8
4	17ME64	Heat Transfer	4	4	C	7
5	17ME653	Design of Machine Elements-II	4	4	C	7
6	17ME664	Metal Forming	3	3	C	7
7	17MEL67	Total Quality Management	3	3	B	8
8	17MEL68	Heat Transfer Lab.	2	2	B	8
9	17ME53*	Modeling and Analysis Lab. V Semester Turbo Machines	2	2	C	7
			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)



ವಿಶ್ವೇಶ್ವರಯ್ಯ 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)
1	17ME71	VII Semester	4	4	C	7
2	17MET2	Energy Engineering	4	4	C	7
3	17ME73	Fluid Power Systems	4	0	F	0
4	17ME745	Control Engineering	3	3	D	6
5	17ME753	Smart Materials & MEMS	3	3	C	7
6	17MEL76	Mechatronics	2	2	B	8
7	17MEL77	Design Lab.	2	2	A	9
8	17MEP78	CIM Lab.	2	2	S	10
		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

19UG 00734991

B.E. Mechanical Engineering August 2021

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)
1	17ME81	VIII Semester 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
7	17ME73*	VII Semester Control Engineering	4	4	C	7
8	17ENG18	I Semester 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



Rangaswamy B.E

Registrar (Evaluation)

Date: January 04, 2022



Vidyamruthamashnute

B.N.M. Institute of Technology

An Autonomous Institution under VTU

Approved by AICTE, Accredited as Grade A Institution by NAAC.
All eligible UG branches – CSE, ECE, EEE, ISE & Mech. Engg. are Accredited
by NBA for academic years 2018-19 to 2021-22 & valid upto 30.06.2022



Bhageerathi Bai Narayana Rao Maanay
Educational Institutions
1972-2021

September 6, 2021

COURSE COMPLETION CERTIFICATE

This is to certify that Mr. Ruturaj U. Borkar (1BG17ME039), was a bona fide student of B N M Institute of Technology in Mechanical Engineering during the academic year 2017-21. He has completed his B.E. course. His Provisional Degree Certificate from University is expected by last week of September 2021. His character and conduct are good.

Krishnayya
Principal
B.N.M. Institute of Technology
P.B No.7087, 27th Cross, 12th Main
Bananashankari II Stage
Bengaluru - 560 070

AS)AO

Administrative Office & Campus: 27th cross, 12th Main, Banashankari 2nd Stage, Bengaluru 560070
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Bhageerathi Bai Narayana Rao Maanay Charities