CHOICE BASED CREDIT SYSTEM
EVALUATION SCHEME
AND
COURSE OF STUDY
(According to AICTE Model Curriculum)

B. TECH.
IN
MECHANICAL ENGINEERING

BATCH: 2023 - 2027

FACULTY OF ENGINEERING AND TECHNOLOGY

GURUKULA KANGRI (DEEMED TO UNIVERISTY), HARIDWAR

Gurukula Kangri Vishwavidyalaya, Haridwar

Faculty of Engineering & Technology

Mechanical Engineering

B. Tech. I Year

(Semester – I)

S.NO.	COURSE CODE	COURSE OPTED	SUBJECT	Period per week			EVALUATION SCHEME				Credit	Subject TOTAL
							SESSIONAL EXAM.			EXAM. ESE		
				L	T	P	CT	TA	TOTAL			
THEORY SUBJECTS												
1	BAC-C102	BSC-1	Engineering Chemistry	3	1	0	20	10	30	70	4	100
2	BEM-C102	BSC-2	Engineering Mathematics–I	3	1	0	20	10	30	70	4	100
3	BME-C103	ESC-1	Basic Mechanical Engineering	3	0	0	20	10	30	70	3	100
4	BCE-C102	ESC-2	Programming for Problem Solving	3	1	0	20	10	30	70	4	100
5	BEN-A 103	HSMC-1	Environment Studies	2	0	0	20	10	30	70	0	100
6		Induction Programme		Three weeks duration								
PRACTICAL / TRAINING / PROJECT												
7	BAC-C151	BSC-1 Lab	Engineering Chemistry Lab	0	0	2	10	5	15	35	1	50
8	BME-C153	ESC-1 Lab	Engineering Graphics and Design Lab	1	0	2	10	5	15	35	2	50
9	BCE-C151	ESC-2 Lab	Programming for Problem Solving Lab	0	0	2	10	5	15	35	1	50
10	BEG-A151	HSMC Lab	Technical Communication Lab	0	0	2	10	5	15	35	1	50
			TOTAL	15	3	8	140	70	210	490	20	700

L-Lecture; **T**-Tutorial; **P**-Practical; **CT**-Cumulative Test; **TA**- Teacher Assessment; **ESE**–End Semester Examination; **BSC**-Basic Science Course; **ESC**- Engineering Science Courses; **PEC**-Program Elective Course; **SEC**- Skill Enhancement Course; **AECC-** Ability Enhancement Compulsory Course; **HSMC-**Humanities, Social Science & Management Course

Grading & Grade Points: O(Outstanding**)= 10; A^+(**Excellent**)= 9; A(**Very Good**)= 8; B^+(**Good**)= 7; B(**Above Average**)= 6; C(**Average**)= 5; P(**Pass**)= 4; F(**Fail**)= 0; Ab(**Absent**)= 0**

BME C101 → Paper Code

→ 0, 5 & 6 stands for theory, Practical & Seminar /Project respectively

→ Semester

Gurukula Kangri Vishwavidyalaya, Haridwar

Faculty of Engineering & Technology

Mechanical Engineering

B. Tech. I Year

(Semester – II)

S.NO.	COURSE CODE	COURSE OPTED	SUBJECT	Period per week			EVALUATION SCHEME				Credit	Subject TOTAL
							SESSIONAL EXAM.			EXAM. ESE		
				L	T	P	CT	TA	TOTAL			
THEORY SUBJECTS												
1	BAP-C202	BSC-3	Engineering Physics	3	1	0	20	10	30	70	4	100
2	BEM-C202	BSC-4	Engineering Mathematics-II	3	1	0	20	10	30	70	4	100
3	BEE-C202	ESC-3	Basic Electrical Engineering	3	1	0	20	10	30	70	4	100
4	BET-C 202	ESC-4	Electronics Devices	3	1	0	20	10	30	70	4	100
5	BHU-S202	SEC-1	Vedic Science and Engineering	2	0	0	20	10	30	70	0	100
PRACTICAL / TRAINING / PROJECT												
6	BAP-C251	BSC-3 Lab	Engineering Physics Lab	0	0	2	10	5	15	35	1	50
7	BEE-C251	ESC-3 Lab	Basic Electrical Engineering Lab	0	0	2	10	5	15	35	1	50
8	BET-C251	ESC-4 Lab	Electronic Devices lab	0	0	2	10	5	15	35	1	50
9	BME-C252	ESC-5 Lab	Workshop Practice	0	0	2	10	5	15	35	1	50
10	BSP-S251	SEC-2 Lab	Physical Training and Yoga	0	0	2	10	5	15	35	0	50
			TOTAL	14	4	10	150	75	225	525	20	750

L-Lecture; **T**-Tutorial; **P**-Practical; **CT**-Cumulative Test; **TA**- Teacher Assessment; **ESE**–End Semester Examination; **PCC**- Program Core Course; **PEC**-Program Elective Course; **OEC**-Open Elective Course; **SEC**-Skill Enhancement Course; **AECC-** Ability Enhancement Compulsory Course; **HSMC-**Humanities, Social Science & Management Course

Grading & Grade Points: O (Outstanding**) = 10; A^+ (**Excellent**)= 9; A (**Very Good**) = 8; B^+ (**Good**) = 7; B (**Above Average**) = 6; C (**Average**) = 5; P (**Pass**) = 4; F (**Fail**) = 0; Ab(**Absent**)= 0**

BME-C511

Semester

1, 6 & 7 stands for theory, Practical & Seminar /Project respectively

Paper Code