

Sardar Patel College of Engineering Andheri (West), Mumbai 400 058
Academic Year: 2022-23 Regulation 22



Bharatiya Vidya Bhavan's
SARDAR PATEL COLLEGE OF ENGINEERING

(Government Aided Autonomous Institute under Mumbai University)

Andheri (W), Mumbai - 400058



First Year B.Tech.

(CIVIL/MECHANICAL/ELECTRICAL)

Academic Evaluation Scheme/Credit System

Year: 2022-2023

Regulation 22

Sardar Patel College of Engineering Andheri (West), Mumbai 400 058

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Credit System for F.Y.B.Tech. (Civil/Mechanical/Electrical) Engineering, (Semester - I) Academic Year 2022-23

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* Laboratory/Tutorials of these courses will be held on alternate weeks.

Assessment criteria for in semester evaluation of laboratory/Tutorial work. i.e. weightage for assessment shall be as follows:

(i) Attendance in Laboratory/Tutorial = 20%, (ii) Journal/Drawing sheet/Sketch book = 40%, (iii) MCQ/Oral/Test = 40%.

Note:

(1) Refer (i) Academic rules and regulations and (ii) Examination rules and regulations for further details.

(2) Laboratory course is considered as a separate head of passing.

(3) Student can opt for an online course available on <https://swayam.gov.in/> or <https://onlinecourses.nptel.ac.in/> and inform department by filling up registration form. After successful completion of the course and approval from the department UG committee, the course title can appear on the grade card of the student.

(4) The Mandatory courses are with Pass (P) and No Pass (NP) grades offered institute wide, available in both semesters of year and must be passed before obtaining degree.

(5) For value added courses, minimum 20 students must be enrolled for the department to offer a particular course. Students can take any one value added course. Upon successful completion of the Value Added Course, the grades of the courses will appear in the grade card of the student.

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Credit System for F.Y.B.Tech. (Civil/Mechanical/Electrical) Engineering, (Semester - II) Academic Year 2022-23

Sr. No.	Course Name	Code	Course Plan per Week (Hrs)			Credits	In semester Evaluation (Points)			End Semester Evaluation (Points)		End Semester weightage (%)	In Semester Evaluation	Total Points
			L	P	T		T-I	T-II	IE	Points	Time (Hrs)			
Theory Courses														
1	Integral Calculus & Differential Equations	BS-BT201	3	-	1	4	15	15	10	100	3	60%	25#	125
2	Basic Electronics Engineering	ES-BT202	2	-	-	2	15	15	10	100	3	60%	-	100
3	Engineering Mechanics-II	ES-BT204	2	-	-	2	15	15	10	100	3	60%	-	100
4	Engineering Physics-II	BS-BT205	2	-	-	2	15	15	10	100	3	60%	-	100
5	Engineering Chemistry-II	BS-BT206	2	-	-	2	15	15	10	100	3	60%	-	100
6	Computer Programming	ES-BT207	2	-	-	2	15	15	10	100	3	60%	-	100
7	Communication Skills	HSM-BT208	2	-	1	3	15	15	10	100	3	60%	25#	125
			15		2	17								750
Laboratory Courses														
8	Engineering Physics-II Lab.	BS-BT255	-	2*	-	0.5	-	-	-	-	-	-	25#	25#
9	Engineering Chemistry-II Lab.	BS-BT256	-	2*	-	0.5	-	-	-	-	-	-	25#	25#
10	Computer Programming Lab.	ES-BT257	-	2	-	1	-	-	-	-	-	-	25#	25#
11	Basic Electrical and Electronics Engineering Lab	ES-BT258	-	2	-	1	-	-			-	-	25#	25#
12	Workshop Practice-II	ES-BT299	-	3	-	1	-	-	-	-	-	-	50#	50#
														150
MANDATORY COURSES														
13	Constitution of India	MC-BT001	2	-	-	0	15	15	10	100	3	60%	-	100
	TOTAL		17	7	2	21								1000

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