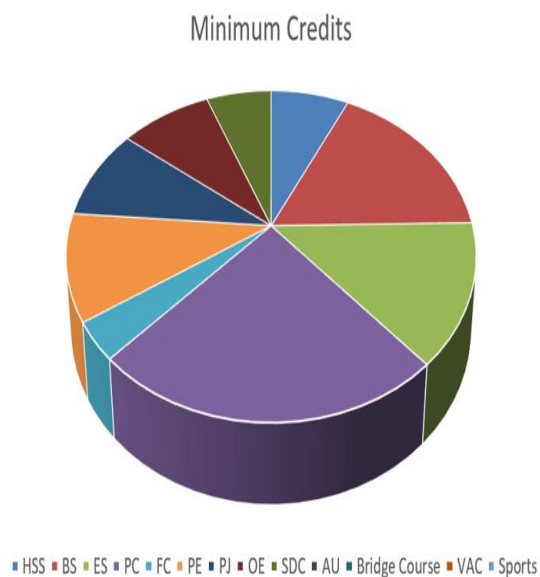


Y22 CSE COURSE CATEGORIZATION & STATISTICS

Sl No	Course Category	Short Name	#courses	Minimum Credits	Specialization Minimum Credits	CSE(Honors) Minimum Credits
1	Humanities & Social Sciences	HSS	7	12	12	12
2	Basic Sciences	BS	9	28.5	28.5	28.5
3	Engineering Sciences	ES	7	22.5	22.5	22.5
4	Professional Core	PC	11	39	41	53
5	Flexi Core	FC	2	6	6	6
6	Professional Electives	PE	5	17	17	23
7	Project Courses	PJ	5	15	15	15
8	Open Electives	OE	5	14	14	14
9	Skill Development Courses	SDC	8	10	10	10
10	Audit Courses	AU	3	0	0	0
11	Bridge Courses	Bridge Course	2	0	0	0
12	Value Added Courses	VAC	4	0	0	0
13	Sports	Sports	1	0	0	0
Total			69	164	166	184



Semester	#courses	Minimum Credit	CH
1	7	24	36
2	7	21	35
1-summer	3	1	10
3	7	21	33
4	7	21	33
2-summer	4	2	14
5	8	18	34
6	8	17.5	33
3-summer	3	1	6
7	8	23	30
8	7	14	28

26		Total								22.5	38							
27	22CS2108	Enterprise Programming	P C	R	2	0	2	4	4	8	A / P	3	0	4	4	6	11	22SC 1203
28	22CS2109	Operating Systems	P C	R	2	0	2	0	3	4	A / P	3	0	4	0	5	7	22EC 1202
29	22CS2215	Automata Theory & Formal Languages	P C	R	2	1	0	0	3	3	A / P	3	1	2	0	5	6	22M T120 2
30	22SC1203	Computational Thinking for Object Oriented Design	P C	R	3	0	2	4	5	8								22SC 1101
31	22CS2116	Advanced Object Oriented Programming	P C	R	2	0	2	4	4	8	A / P	3	0	4	4	6	11	22SC 1203
32	22CS2110	Database Management Systems	P C	R	2	0	2	0	3	4	A / P	3	0	4	0	5	7	22SC 1202
33	22CS2111	Software Engineering	P C	M	2	1	0	0	3	3	A / P	3	1	2	0	5	6	NIL
34	22CS2212	Computer Networks & Security	P C	R	2	2	0	0	4	4	A / P	3	2	2	0	6	7	NIL
35	22CS2213	AI for Data Science	P C	R	2	0	2	0	3	4	A / P	3	0	4	0	5	7	22SC 1202
36	22CS2214	Design & Analysis of Algorithms	P C	R	2	0	2	4	4	8	A / P	3	0	4	4	6	11	22SC 1202
37	22CS4115	Parallel & Distributed Computing	P C	M	2	1	0	0	3	3								22CS 2109
38		Total								39	57							
39	FC-1	Flexi Core Course - 1	F C	R	2	0	2	0	3	4	A / P	3	0	4	0	5	7	Cour se Speci fic

40	FC-2	Flexi Core Course - 2	FC	R	2	0	2	0	3	4	A/P	3	0	4	0	5	7	Course Specific			
41		Total Credits							6												
42	PE-1	Professional Elective - 1	PE	R	2	0	2	4	4	8	A/P	3	0	4	4	6	11	Course Specific			
43	PE-2	Professional Elective - 2	PE	R	2	0	2	0	3	4	P	3	0	4	0	5	7	Course Specific			
44	PE-3	Professional Elective - 3	PE	R	2	0	2	4	4	8	A/P	3	0	4	4	6	11	Course Specific			
45	PE-4	Professional Elective - 4	PE	R	2	0	2	0	3	4	P	3	0	4	0	5	7	Course Specific			
46	PE-5	Professional Elective - 5	PE	R	2	0	2	0	3	3	P	3	0	4	0	5	6	Course Specific			
47		Total							17	7											
48	FL	Foreign Language Elective	OE	R	2	0	0	0	2	2	M	3	0	0	0	3	3	NIL			
49	OE-1	Open Elective - 1	OE	R	3	0	0	0	3	3	M	4	0	0	0	4	4	NIL			
50	ME	Management Elective	OE	R	3	0	0	0	3	3	M	4	0	0	0	4	4	NIL			
51	OE-2	Open Elective - 2	OE	R	3	0	0	0	3	3	M	4	0	0	0	4	4	NIL			
52	OE-3	Open Elective - 3	OE	R	3	0	0	0	3	3	M	4	0	0	0	4	4	NIL			
53		Total Credits							14	4	0	19	0	0	0	19	9				
54	22IE3042	RESEARCH SEMINAR	PJ								A	0	0	4	0	2	4	NIL			
55	22IE3243	Term Paper	PJ	R	0	0	0	4	1	4	A	0	0	4	0	2	4	NIL			
56	22IE4048/ 22IE4050/ 22IE4051	Capstone Project - 1/PRACTIC	PJ	R	0	0	0	2	4	6	2	4	A	0	0	1	6	0	8	16	22IE 3243

