

Government College of Engineering, Karad

(An Autonomous Institute of Government of Maharashtra)

B. Tech. Third Year – Information Technology

Curriculum Structure

Semester – V (Revised from 2017-18)

Sr. No.	Course Category	Course Code	Course Title	L	T	P	Contact Hrs/Wk	Credits	EXAM SCHEME			
									CT1	CT2	TA/CA	ESE TOTAL
1	PC	IT501	Advanced Database Management Systems	3	-	-	3	3	15	15	10	60 100
2	PC	IT502	Computer Networks	3	-	-	3	3	15	15	10	60 100
3	PC	IT503	Software Engineering	3	1	-	4	4	15	15	10	60 100
4	PC	IT504	Operating Systems	3	1	-	4	4	15	15	10	60 100
5	PC	IT505	Microprocessor and Microcontroller	3	1	-	4	4	15	15	10	60 100
6	PC	IT506	Computer Networks Lab	-	-	2	2	1	-	-	75	50 125
7	PC	IT507	Open Source Software Lab	2	-	2	4	3	-	-	75	50 125
8	HS	HS003	General Proficiency III	2	-	2	4	3	-	-	50	- 50
Total				19	3	6	28	25	75	75	250	400 800

CT1- Class Test 1

CT2- Class Test 2

TA/CA- Teacher Assessment/Continuous Assessment

ESE- End Semester Examination (For Laboratory: End Semester Performance)

Credits Distribution

Course Category	HS (Hum.)	BS(Basic Sc.)	ES (Eng. Sc.)	PC (Programme)	PE(Programme Electives)	OE (Open Elective)	MC (Mandatory)
Credits	3	-	-	22	-	-	-
Cumulative Sum	9	21	28	63	-	-	-



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Sr. No.	Course Category	Course Code	Course Title	L	T	P	Contact Hrs/Wk	Credits	EXAM SCHEME				
									CT1	CT2	TA/CA	ESE	TOTAL
1	OE	OE641	Open Elective-Web Technology	2	-	2	4	3	-	-	50	50	100
2	PC	IT602	Data Warehousing and Mining	4	-	-	4	4	15	15	10	60	100
3	PC	IT603	Computer Algorithms	4	1	-	5	5	15	15	10	60	100
4	PC	IT604	Object Oriented Software and Web Engineering	4	1	-	5	5	15	15	10	60	100
5	PC	IT605	Information Security	4	-	-	4	4	15	15	10	60	100
6	PC	IT606	Data Warehousing and Mining Lab	-	-	2	2	1	-	-	75	-	75
7	PC	IT607	Information Security Lab	-	-	2	2	1	-	-	50	50	100
8	PC	IT608	Minor Project-II	-	-	2	2	2	-	-	75	50	125
			Total	18	02	08	28	25	60	60	290	390	800

Every Student will undergo Industrial Training of Two weeks in summer vacation after B. Tech. VI Sem. Examinations.

CT1- Class Test 1 TA/CA- Teacher Assessment/Continuous Assessment

CT2- Class Test 2 ESE- End Semester Examination (For Laboratory; End Semester Performance)

Credits Distribution

Course Category	HS (Humm.)	BS(Basic Sc.)	ES(Engg. Sc.)	PC (Programme)	PE(Programme Electives)	OE (Open Elective)	MC (Mandatory)
Credits	-	-	-	22	-	3	-
Cumulative Sum	9	21	28	85	-	3	-

