



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University)

OFFICE OF THE CONTROLLER OF EXAMINATIONS

(REGULATIONS-2016)

Programme: B Tech. Information Technology

Semester	B Tech (INFORMATION TECHNOLOGY -IT)						
	S. No.	Course Code	Course Title	Credits			
				L	T	P	C
1	1	16ENT11	Communicative English - I	3	0	0	3
	2	16MAT11	Mathematics - I	3	2	0	4
	3	16PHT11	Engineering Physics	3	0	0	3
	4	16CYT11	Applied Chemistry - I	3	0	0	3
	5	16EET11 / 16EET21	Basic Electrical and Electronics Engineering	3	0	0	3
	6	16MEC11	Engineering Graphics	2	0	4	4
	7	16PHL11	Physics and Chemistry Laboratory - I	0	0	3	1
	8	16MEL11	Engineering Practices Laboratory	0	0	3	2
	9	16VET11	Value Education for youth Empowerment	0	0	2	1
2	1	16ENT21	Communicative English - II	3	0	0	3
	2	16MAT21	Mathematics - II	3	2	0	4
	3	16PHT21	Materials Science	3	0	0	3
	4	16CYT21	Applied Chemistry - II	3	0	0	3
	5	16CST21	Problem Solving and Programming	3	0	0	3
	6	16ECT22	Digital Electronics	3	0	0	3
	7	16PHL21	Physics and Chemistry Laboratory- II	0	0	3	1
	8	16CSL21	Problem Solving and Programming Laboratory	0	0	3	1
	9	16ECL22	Digital Electronics Laboratory	0	0	3	1
3	1	16MAT31	Transforms and Partial Differential Equations	3	2	0	4
	2	16ITC31	Object Oriented Programming and Design	3	0	2	4
	3	16ITT31	Software Engineering	3	0	0	3
	4	16CST32	Data Structures	3	2	0	4
	5	16ECT35	Analog and Digital Communication	3	0	0	3
	6	16ITT32	Computer Architecture	3	0	0	3
	7	16CSL32	Data Structures Laboratory	0	0	3	1
	8	16ECL35	Analog and Digital Communication Laboratory	0	0	3	1
	9	16ENL31	Professional Communication - I	0	0	2	1



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				L	T	P	C
4	1	16CYT31	Environmental Science and Engineering	3	0	0	3
	2	16MAT42	Probability and Queueing Theory	3	2	0	4
	3	16CST41	Database Management Systems	3	0	0	3
	4	16ITT41	Embedded Systems	3	0	0	3
	5	16ITT42	Principles of Operating Systems	3	0	0	3
	6	16ITT43	Design and Analysis of Algorithms	3	0	2	4
	7	16CSL41	Database Management Systems Laboratory	0	0	3	1
	8	16ITL41	Embedded Systems Laboratory	0	0	3	1
	9	16ITL42	Operating Systems Laboratory	0	0	3	1
	10	16ENL41	Professional Communication - II	0	0	2	1
5	1	16ITT51	Java Programming	3	0	0	3
	2	16ITT52	Computer Networks	3	0	0	3
	3	16ITT53	Web Technology	3	0	0	3
	4	16ITT54	Theory of Computation	3	2	0	4
	5	16ECT56	Principles of Digital Signal Processing	3	2	0	4
	6		Professional Elective-I	3	0	0	3
	7	16ITL51	Java programming Laboratory	0	0	3	1
	8	16ITL52	Computer Networks Laboratory	0	0	3	1
	9	16ITL53	Web Technology Laboratory	0	0	3	1
	10	16ENL51	Aptitude and Logical Reasoning - I	0	0	2	1
6	1	16ITT61	Mobile Computing	3	0	0	3
	2	16ITT62	Data Warehousing and Data Mining	3	0	0	3
	3	16ITT63	Artificial Intelligence	3	0	0	3
	4	16ITC61	Multimedia System Design	3	0	2	4
	5		Professional Elective - II	3	0	0	3
	6		Open Elective - I	3	0	0	3
	7	16ITL61	Mobile Software Development Laboratory	0	0	3	1
	8	16ENL52	Communication Skills Laboratory	0	0	3	1
	9	16ENL61	Aptitude and Logical Reasoning - II	0	0	2	1



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7	1	16MET72	Engineering Economics and Management	3	0	0	3
	2	16ITT71	Cryptography and Network Security	3	0	0	3
	3	16ITC71	Cloud Computing	3	0	2	4
	4		Professional Elective - III	3	0	0	3
	5		Open Elective - II	3	0	0	3
	6		Open Elective - III	3	0	0	3
	7	16ITL71	Security Laboratory	0	0	3	1
	8	16ITL72	Comprehension	0	0	4	2
	9	16ITL73	Mini Project	0	0	4	2
8	1	16MET81	Professional Ethics for Engineers	3	0	0	3
	2		Professional Elective - IV	3	0	0	3
	3		Professional Elective - V	3	0	0	3
	4	16ITL81	Project Work	0	0	16	8
PEs	1	16ITE01	C# and .Net Programming	3	0	0	3
	2	16ITE02	System Software and Compilers	3	0	0	3
	3	16CSE01	Agile Software Development	3	0	0	3
	4	16ITE03	Distributed System Design	3	0	0	3
	5	16ITE04	Cyber Forensics	3	0	0	3
	6	16ITE05	Bio Informatics Computing	3	0	0	3
	7	16CSE04	Business Intelligence and its Applications	3	0	0	3
	8	16ITE06	Soft Computing	3	0	0	3
	9	16BMT72	Digital Image Processing	3	0	0	3
	10	16ITE07	Natural Language Processing	3	0	0	3
	11	16CSE02	Building Enterprise Applications	3	0	0	3
	12	16ITE08	Software Defined Networks	3	0	0	3
	13	16CSE09	Service Oriented Architecture	3	0	0	3
	14	16CST71	Big Data and Analytics	3	0	0	3
	15	16ITE09	Software Project Management	3	0	0	3
	16	16ITE10	Enterprise Resource Planning	3	0	0	3
	17	16ITE11	Software Architectures	3	0	0	3
	18	16ITE12	Human Computer Interaction	3	0	0	3
OEs	1	16ITO01	Basics of Java Programming	3	0	0	3
	2	16ITO02	Principles of Database Management Systems	3	0	0	3
	3	16ITO03	E-Commerce and Applications	3	0	0	3
	4	16ITO04	J2EE	3	0	0	3

PEs- Professional Electives

OEs- Open Electives

