



**VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY**

**(An Autonomous Institution Affiliated to Anna University)**

**OFFICE OF THE CONTROLLER OF EXAMINATIONS**

**(REGULATIONS-2016)**

**Programme: M E Computer Science Engineering**

Semester	<b>M E (COMPUTER SCIENCE AND ENGINEERING - CP)</b>						
	S. No.	Course Code	Course Title	Credits			
				L	T	P	C
<b>1</b>	1	16MAT12	Applied Probability and Statistics	3	2	0	4
	2	16CPT11	Design and Management of Computer Networks	3	0	0	3
	3	16CPT12	Advanced Data Structures and Algorithms	3	0	0	3
	4	16CPT13	Multicore Architectures	3	0	0	3
	5	16CPT14	Software Requirements Engineering and Estimation	3	0	0	3
	6	16CPT15	Sensing Techniques and Sensors	3	0	0	3
	7	16CPL11	Computer Networks Design Laboratory	0	0	3	1
	8	16CPL12	Advanced Data Structures Laboratory	0	0	3	1
<b>2</b>	1	16CPT21	Advanced Database Technologies	3	0	0	3
	2	16CPT22	Advanced Operating Systems	3	0	0	3
	3	16CPT23	Research Methodology	3	0	0	3
	4	16CPT24	Cloud Computing	3	0	0	3
	5		Professional Elective - I	3	0	0	3
	6		Professional Elective - II	3	0	0	3
	7	16CPL21	Advanced Database Technologies Laboratory	0	0	3	1
	8	16CPL22	Advanced Operating Systems Laboratory	0	0	3	1
<b>3</b>	1	16CPT31	Internet of Things and Applications	3	0	0	3
	2		Professional Elective - III	3	0	0	3
	3		Professional Elective - IV	3	0	0	3
	4		Professional Elective - V	3	0	0	3
	5	16CPL31	Project Work (Phase - I)	0	0	12	6
	6	16CPL32	Technical Seminar	0	0	2	1
<b>4</b>	1	16CPL41	Project Work (Phase - II)	0	0	24	12



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PEs	1	16CPE01	Free and Open Source Software	3	0	0	3
	2	16CPE02	Data Mining Techniques	3	0	0	3
	3	16CPE03	Natural Language Processing	3	0	0	3
	4	16CPE04	Information Storage Management	3	0	0	3
	5	16CPE05	Network and Information Security	3	0	0	3
	6	16CPE06	Information Retrieval Techniques	3	0	0	3
	7	16CPE07	Software Architectures	3	0	0	3
	8	16CPE08	Image Processing and Analysis	3	0	0	3
	9	16CPE09	Bio Informatics	3	0	0	3
	10	16CPE10	Semantic Web	3	0	0	3
	11	16CPE11	Mobile and Pervasive Computing	3	0	0	3
	12	16CPE12	Enterprise Application Integration	3	0	0	3
	13	16CPE13	Human Computer Interaction	3	0	0	3
	14	16CPE14	Advance Java Programming	3	0	0	3
	15	16CPE15	Soft Computing	3	0	0	3
	16	16CPE16	High Performance Computing	3	0	0	3
	17	16CPE17	Software Quality Assurance	3	0	0	3
	18	16CPE18	Mobile Application Development	3	0	0	3
	19	16CPE19	XML and Web Services	3	0	0	3
	20	16CPE20	Social Network Analysis	3	0	0	3

**PEs- Professional Electives**