

**PSG College of Arts & Science, Coimbatore – 14.**

**Scheme of Learning and Evaluation**

**Programme: B C A (SF)**

<b>Course Code</b>	<b>Course Title</b>	<b>Course Category</b>	<b>Course Type</b>	<b>Part Type</b>	<b>Semester</b>	<b>Credits</b>
22LAT101N	Tamil I	ELECTIVE	THEORY	1	1	3
22LAH101N	Hindi I	ELECTIVE	THEORY	1	1	3
22LAF101N	French I	ELECTIVE	THEORY	1	1	3
22EU101N	Communicative English I- Interpersonal Communication	CORE	THEORY	2	1	3
22CAU101N	Principles of Computer Programming	CORE	THEORY	3	1	3
22CAU102N	Computer Organization and Architecture	CORE	THEORY	3	1	3
22CAU103N	Statistics and Operations Research	CORE	THEORY	3	1	4
22CAU104N	Practical - I Computer Programming Lab	CORE	PRACTICAL	3	1	2
22CAU105N	Practical II Statistics Practical (SPSS)	CORE	PRACTICAL	3	1	2
22LAT202N	Tamil-II	ELECTIVE	THEORY	1	2	3
22LAH202N	Hindi-II	ELECTIVE	THEORY	1	2	3
22LAF202N	FRENCH - II - FRENCH LANGUAGE & CULTURE - II	ELECTIVE	THEORY	1	2	3
22EU202N	Communicative English-II- Academic Communication	CORE	THEORY	2	2	3
22CAU206N	Java Programming	CORE	THEORY	3	2	2
22CAU207N	Data Structures & Algorithms	CORE	THEORY	3	2	2
23CAU208	Mathematical Foundations of Computing	CORE	THEORY	3	2	4
22CAU209N	Practical - III (Java Programming Lab)(Skill Based)	CORE	PRACTICAL	3	2	1
22CAU210N	Practical - IV (Data Structures & Algorithms Lab)(Skill Based)	CORE	PRACTICAL	3	2	1
23AECU201	Ability Enhancement Compulsory Course - I- Values & Ethics for Human Excellence	CORE	THEORY	4	2	2
23PSEU201	Professional Skill Enhancement - I	CORE	THEORY	4	2	2
23LAT303N	Tamil III	CORE	THEORY	1	3	3
23LAH303N	Hindi III	CORE	THEORY	1	3	3
23LAF303N	French III	CORE	THEORY	1	3	3

23EU303N	Communicative English III- Developing English Language Skills through Literature	CORE	THEORY	2	3	3
23CAU311	Linux Programming	CORE	THEORY	3	3	4
23CAU312N	Relational Database Management Systems	CORE	THEORY	3	3	4
23CAU313N	Accounting and Insurance	CORE	THEORY	3	3	4
23CAU314N	Practical - V-Linux Programming Lab	CORE	PRACTICAL	3	3	1
23CAU315N	Practical - VI RDBMS Lab	CORE	PRACTICAL	3	3	1
23CAU316N	Practical - VII-Web Designing Lab	CORE	PRACTICAL	3	3	1
22AECU302	Ability Enhancement Compulsory Course II - Environmental Studies & Sustainable Development Goals	CORE	THEORY	4	3	2
23LAT404N	Tamil-IV	ELECTIVE	THEORY	1	4	3
23LAH404N	Hindi-IV	ELECTIVE	THEORY	1	4	3
23LAF404N	FRENCH - IV FRENCH LITERATURE & GRAMMAR - II	ELECTIVE	THEORY	1	4	3
23EU404N	Communicative English IV - English for Career	CORE	THEORY	2	4	3
23CAU417N	Python for Computer Applications	CORE	THEORY	3	4	3
23CAU418N	Distributed Technologies	CORE	THEORY	3	4	3
23CAU419	Internet of Things	CORE	THEORY	3	4	4
23CAU420N	Practical - VIII - (Python Programming Lab)(Skill Based)	CORE	PRACTICAL	3	4	1
23CAU421N	Practical - IX - (Distributed Technologies Lab)(Skill Based)	CORE	PRACTICAL	3	4	1
23CAU422N	Practical - X - (Software Engineering and Testing Lab)(Skill Based)	CORE	PRACTICAL	3	4	1
22SECU401	Skill Enhancement Course - I-Information Security	CORE	THEORY	4	4	2
23PSEU402	Professional Skill Enhancement - II	CORE	THEORY	4	4	2
23CMU523A	Discipline Specific Elective Course - I: Cyber Security	ELECTIVE	THEORY	3	5	4
23ITU523	Discipline Specific Elective Course - I: Mobile Computing	ELECTIVE	THEORY	3	5	4

23CTU522	Discipline Specific Elective Course - I: Business Intelligence	ELECTIVE	THEORY	3	5	4
23CAU523	Discipline Specific Elective Course - I: Natural Language Processing	ELECTIVE	THEORY	3	5	4
23DAU524	Discipline Specific Elective Course - I: Software Project Management	ELECTIVE	THEORY	3	5	4
23NMB530	Discipline Specific Elective Course - I: TCP / IP Protocol Suite	ELECTIVE	THEORY	3	5	4
23CAU524	PHP and MySQL	CORE	THEORY	3	5	4
23CAU525	R Programming	CORE	THEORY	3	5	4
23CAU526	Cryptography and Network Security	CORE	THEORY	3	5	3
23CAU527	Principles of Networking	CORE	THEORY	3	5	3
23CAU528	Practical - XI-PHP and MySQL Lab	CORE	PRACTICAL	3	5	1
23CAU529	Practical - XII- R Programming Lab	CORE	PRACTICAL	3	5	1
23CAU530	Practical - XIII - Networks Lab	CORE	PRACTICAL	3	5	1
23CAU531	Industrial Training	CORE	TRAINING	3	5	3
23CMU633A	Major Elective Course-II - Healthcare Data Analytics	ELECTIVE	THEORY	3	6	4
23CMU633B	Major Elective Course-II - Mining of Massive Data	ELECTIVE	THEORY	3	6	4
23ITU633	Major Elective Course -II- Network and System Security	ELECTIVE	THEORY	3	6	4
23CTU631	Major Elective Course-II - Block Chain Technology	ELECTIVE	THEORY	3	6	4
23CAU633	Major Elective Course-II - Robotics	ELECTIVE	THEORY	3	6	4
23DAU634	Major Elective Course-II - Social Media Analytics	ELECTIVE	THEORY	3	6	4
23NMB639	Major Elective Course-II - Social Network Analysis	ELECTIVE	THEORY	3	6	4
23CAU634	Big Data Analytics	CORE	THEORY	3	6	4
23CAU635	Soft Computing	CORE	THEORY	3	6	4
23CAU636	Cloud Applications and Development	CORE	THEORY	3	6	4
23CAU637	Practical - XIV (Big Data Analytics Lab)	CORE	PRACTICAL	3	6	1
23CAU638	Practical - XV (Soft Computing Lab)	CORE	PRACTICAL	3	6	1
23CAU639	Project	CORE	PROJECT	3	6	6