

PSG College of Arts & Science, Coimbatore – 14.

Scheme of Learning and Evaluation

Programme: B Sc Computer Technology (SF)

Course Code	Course Title	Course Category	Course Type	Part Type	Semester	Credits
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
22CTU101N	Structured Programming using C	CORE	THEORY	3	1	3
22CTU102N	Digital Electronics and Computer System Architecture	CORE	THEORY	3	1	3
22CTU103N	Mathematics for Computing-I	CORE	THEORY	3	1	4
22CTU104N	Practical-I (C Programming Lab) [skill based]	CORE	PRACTICAL	3	1	2
22CTU105N	Practical-II (Web Designing Lab) [skill based]	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
22CTU206N	Programming in C++	CORE	THEORY	3	2	3
22CTU207N	Data Structures	CORE	THEORY	3	2	3
22CTU208N	Mathematics for Computing II	CORE	THEORY	3	2	4
22CTU209N	Practical III (Programming in C++ Lab)(Skill Based)	CORE	PRACTICAL	3	2	2
22CTU210N	Practical IV (Data Structures Lab)(Skill Based)	CORE	PRACTICAL	3	2	2
23AECU201	Ability Enhancement Compulsory Course I-Values and Ethics for Human Excellence	CORE	THEORY	4	2	2
23PSEU201	Professional Skill Enhancement -I	CORE	THEORY	4	2	2
23LAT303N	Tamil III	ELECTIVE	THEORY	1	3	3
23LAH303N	Hindi III	ELECTIVE	THEORY	1	3	3
23LAF303N	French III	ELECTIVE	THEORY	1	3	3

23EU303N	Communicative English-III : Developing English Language Skills through Literature	CORE	THEORY	2	3	3
23CTU311	Java Framework	CORE	THEORY	3	3	2
23CTU312N	Database Management concepts	CORE	THEORY	3	3	2
23CTU313N	Operating Systems	CORE	THEORY	3	3	2
23CTU314N	Statistics and Operations Research	CORE	THEORY	3	3	4
23CTU315N	Practical-V (Java Framework Lab) [skill based]	CORE	PRACTICAL	3	3	1
23CTU316N	Practical-VI (DBMS Lab) [skill based]	CORE	PRACTICAL	3	3	1
23CTU317N	Practical - VII (LINUX Lab) [skill based]	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 II- Academic Communication	CORE	THEORY	2	4	3
23CTU418N	Python Programming	CORE	THEORY	3	4	4
23CTU419N	Application Framework	CORE	THEORY	3	4	4
23CTU420N	Internet of Things	CORE	THEORY	3	4	4
23CTU421N	Practical VIII(Python Programming Lab)(Skill Based)	CORE	PRACTICAL	3	4	1
23CTU422N	Practical IX (.Net Lab)(Skill Based)	CORE	PRACTICAL	3	4	1
23CTU423N	Practical X (Multimedia 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

23CTU524	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
23CTU525	Machine Learning	CORE	THEORY	3	5	3
23CTU526	Data Communication and Networks	CORE	THEORY	3	5	3
23CTU527	Cyber Forensics	CORE	THEORY	3	5	2
23CTU528	Software Engineering	CORE	THEORY	3	5	3
23CTU529	Practical XI (Machine Learning Lab) [skill based]	CORE	PRACTICAL	3	5	1
23CTU530	Practical XII (Project Designing Lab) [skill based]	CORE	PRACTICAL	3	5	1
23CTU531	Practical XIII (Data Mining Tools Lab) [skill based]	CORE	PRACTICAL	3	5	1
23CTU532	Internship	CORE	TRAINING	3	5	2
23CTU635	Mobile Application Development	CORE	THEORY	3	6	5
23CTU636	Big Data Analytics	CORE	THEORY	3	6	5
23CTU637	Cloud Computing	CORE	THEORY	3	6	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
23CTU634	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
23CTU638	Practical XIV (Mobile Application Development Lab)	CORE	PRACTICAL	3	6	1
23CTU639	Practical XV (Data Visualization Lab)	CORE	PRACTICAL	3	6	1
23CTU640	Practical XVI (R Programming Lab)	CORE	PRACTICAL	3	6	1

23CTU641	Project / Innovation / Startup	CORE	PROJECT	3	6	6
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