PSG College of Technology – Coimbatore -641004

Department of Computer Applications

23mx12 Structured Programming Concepts

Assignment Topics

1. Each assignment team prepare one case study / assessment cum evaluation for any one of the topics
2. Each submit a document for the selected topics.
3. Both Hard copy team wise and individual soft copy on Google classroom on or before Second Test.
4. Get ready Viva – Voce Exam for the Document submitted document.

S.No	Topic
1	TSR Routines
2	Library Creation in C programming Language (Static and Dynamic Libraries)
3	Multi-threaded programming using C
4	Low level programming in C
5	Survey on Scripting and Mark Up Languages
6	Device driver development
7	Applications of Functional and Logic Programming Languages
8	Embedded C with applications
9	C Relevancy in IT and its replacement like Rust and Go
10	Trend in Programming Languages
11	Best Practices like Patterns, Frameworks and APIs
12	Source Code Management using Git like tools
13	An application domain with application using Programming Languages like C
14	Any three advanced features along with an application
15	A Collection of Placement Coding round questions with solutions with test cases (5 question per students)
16	IOT and Programming Languages
17	Software Security and C
18	Network Programming and C
19	Block chain and C
20	Provision of Programming Languages and C