Parvatibai Chowgule College of Arts and Science (Autonomous) Margao, Goa

Course Structure B.Voc.(Software Development)

Semester	General Education Component			Skill Component		
3011105101	2011 2000 and component			Skiii Component		
	COM-I.SD-G1	Theory	Practical	COM- I.SD-SK1	Theory	Practical
		Credits	Credits		Credits	Credits*
	Language	Cicaris	Credits	Office	Cicaris	Cicato
	Paper-I	4	0	Automation	3	3
	T upor T	•		Tools	3	3
I	COM-I.SD-G2	Theory	Practical	COM- I.SD-SK2	Theory	Practical
		Credits	Credits		Credits	Credits
	Elements of					
	Basic Statistics- I	2	0	Web Designing	3	3
	COM- I.SD-G3	Theory	Practical	COM- I.SD-SK3	Theory	Practical
		Credits	Credits		Credits	Credits
	Cyber Security	4	0	Introduction to	3	3
				Programming		
	COM-II.SD-G4	Theory	Practical	COM-II.SD-SK4	Theory	Practical
		Credits	Credits		Credits	Credits
	Language			Computer		
	Paper-II	4	0	Organisation and	3	3
				Operating		
				System		
	COM-II.SD-G5	Theory	Practical	COM-II.SD-SK5	Theory	Practical
		Credits	Credits		Credits	Credits
	Mathematical			Data Structure		
II	foundation in	4	0		3	3
	Computer					
	Science					
	COM-II.SD-G6	Theory	Practical	COM-II.SD-SK6	Theory	Practical
		Credits	Credits		Credits	Credits
				Multimedia		
	Academic	4	0		3	3
	Writing					
	COM-II.SD-G7	Theory	Practical			
	Elements of	Credits	Credits			
	Basic Statistics-					
	II	2	0			
Outcome	1: Office Assistar	nt				

	2: Programming Assistant 3: Technical Assistant 4: Hardware Technician					
	4: Hardware Technician 5:Desktop Publishers					
Semester	General Education Component			Skill Component		
	COM-III.SD-G8 Theory Practical			COM HIGD TO D		
	COM-III.SD-G8	Theory Credits	Credits	COM- III.SD- SK7	Theory Credits	Practical Credits
	Environmental	Cicaris	Credits		Crounts	Cicaris
	Studies-I	2	0	Object Oriented Paradigm	3	3
III	COM- III.SD-	Theory	Practical	COM- III.SD-	Theory	Practical
	G9	Credits	Credits	SK8	Credits	Credits
	Business Communication	4	0	Computer Network	3	3
	COM- III.SD-	Theory	Practical	COM- III.SD-	Theory	Practical
	G10	Credits	Credits	SK9	Credits	Credits
	Entrepreneurship	4	0		3	3
				Database		
				Management		
		Credits		Systems		
	Internship	2				
	1					
	COM-IV.SD-	Theory	Practical	COM- IV.SD-	Theory	Practical
	G11	Credits	Credits	SK10	Credits	Credits
	Accounting for Non-accountants	4	0	Web	3	3
	1 ton decodificants	·	Ü	Development		J
				Framework		
	COM- IV.SD-	Theory	Practical	COM- IV.SD-	Theory	Practical
	G12	Credits	Credits	SK11	Credits	Credits
IV	Environmental Studies-II	2	0	Agile Software Engineering	3	3
	COM- IV.SD-	Theory	Practical	COM- IV.SD-	Theory	Practical
	G13	Credits	Credits	SK12	Credits	Credits
	Personality Enhancement	4	0		3	3

				3.6.121				
				Mobile				
				Application				
				Development				
	Internship	Credits						
	_	2						
Outcome	1:Assistant Program	mer						
	2:Android Applicati		per					
	3:Web Designer	1						
	4: Network Administrator							
	5: Database Administrator							
Semester	General Education Component Skill Component							
	Scheral Education Component			Skin Component				
	COM-V.SD-	Theory	Practical	COM-V.SD-	Theory	Practical		
	G14	Credits	Credits	SK13	Credits	Credits		
	G14	Credits	Credits	SK13	Credits	Credits		
		1	0	Intone - t - £	2	2		
	.	4	0	Internet of	3	3		
	Lean startups			Things				
V	and Innovation							
	COM-V.SD-	Theory	Practical	COM-V.SD-	Theory	Practical		
	G15	Credits	Credits	SK14	Credits	Credits		
	Managerial	4	0	Software Testing	3	3		
	Economics							
	COM-V.SD-	Theory	Practical		Cr	edits		
	G16	Credits	Credits					
				Project Work		6		
		4	0					
	Human Values		Ü					
	and Professional							
	Ethics							
	Lunes							
	COM-VI.SD-	Theory	Practical	COM- VI.SD-	Theory	Practical		
	G17	Credits	Credits	SK15	Theory Credits	Credits		
	G17	Credits	Credits	SKIS	Credits	Credits		
	E Cover	4	0	Materials C	2	2		
	E-Governance			Network Security	3	3		
	COM- VI.SD-	Theory	Practical	COM- VI.SD-	Theory	Practical		
	G18	Credits	Credits	SK16	Credits	Credits		
					_	_		
	Nutrients and	4	0	Digital	3	3		
	Health			Marketing and E-				
VI				Commerce				

	COM-VI.SD-	Theory	Practical		Credits		
	G19	Credits	Credits				
				Project Work	6		
		4	0				
	HCI and Design						
	Thinking						
Outcome	1: Software Programmer						
	2: Software Developer						
	3: Server Administrator						
	4: Software Project Analyst						
	5: Software Tester						
	6: Lab Instructor						

^{• * 1} Practical Credit=3 Hrs