

**Thiruthangal Nadar College**  
**BCA (Computer Application) - Courses Offered**

Year	Subject Name	Core Main	Core Allied / Elective
I			
	Python Programming Practical	✓	
	Python Programming	✓	
	Mathematics I /Statistics I / Financial Accounting I		✓
	Object Oriented Programming Using C++ Practical	✓	
	Object Oriented Programming Using C++	✓	
	Mathematics II /Statistics II/ Financial Accounting II		✓
II			
	Data Structures Practical	✓	
	Data Structures	✓	
	Mathematics I /Statistics I /Cost & Management Accounting I		✓
	Java Programming Practical	✓	
	Java Programming	✓	
	Mathematics II /Statistics II / Cost & Management Accounting II		✓
III			
	Web Technology Practical	✓	
	Web Technology	✓	
	Operating System	✓	
	Relational Database Management System	✓	
	Management/ Cloud Computing / Big Data Analytics/		✓
	R Programming Practical	✓	
	R Programming	✓	
	Advanced Networking	✓	
	Mobile Ad-Hoc Network / Data Mining And Warehousing / Grid Computing / Internet Of Things And Its Applications / Robotics And Its Applications/ Network Security		✓