



Certificate Course in Go Programming

Why



Programming language?

- You've probably seen some tweets or blogs in recent years arguing that Go is better than Perl/Python/C/etc.
- Go is built for software engineering today.
- Go is simple.
- Go is fast.
- Built for concurrency.

DURATION: 30 Hours [2 hours per day] in Online/Offline Mode

Last Date for Application: 19/02/2023

FEES : Rs. 1000/-

GoLang Course Contents

GoLang Fundamentals	GoLang Master topics
<ul style="list-style-type: none"> ✓ Welcome to the World of Go! ✓ How to Write Go Code? ✓ Variable, Constants and Data Types ✓ Conditional Statements and Loops ✓ Structs, Maps, Arrays and Slices ✓ Methods and Interfaces ✓ Packages variables and Functions ✓ Applying Your New Knowledge – Binary Search Algorithm 	<ul style="list-style-type: none"> ✓ Syncs and Locks ✓ Timers and Tickers ✓ Channel Generators ✓ Pipelines –Build the Chat System ✓ Go Laws of Reflection ✓ Reflection on Structs and Interfaces ✓ Factory Design Pattern in Go ✓ The Singleton Pattern ✓ Builder Pattern in Go
Concurrency using GoLang	GoLang and Files
<ul style="list-style-type: none"> ✓ Go – goroutines ✓ Go – Channels ✓ Go – Select ✓ Errors and Troubleshooting ✓ A Tour into Go's Concurrency Packages 	<ul style="list-style-type: none"> ✓ Custom Configuration File Reader ✓ Go and JSON Format ✓ Go and the XML Format ✓ Go and CSV Format ✓ Practices, Cross-Compilation, and the Go Tool



SCHOOL OF COMPUTER SCIENCES

KAVAYITRI BAHINABAI CHAUDHARI NORTH MAHARASHTRA UNIVERSITY, JALGAON



Go Programming Master

What You'll Learn



- Apply modern software design patterns utilizing the Go language.
- Take a deep dive into Go's master topics like advanced concurrency, patterns, and the flexible reflection capabilities.
- Write unit tests and benchmarks for your Go code.
- Create advanced backend microservices for the softwares and design an end-to-end chat system
- Handle JSON, XML, and CSV data formats in your code.

Case studies



Prerequisites

- B.Sc. (Computer Science/I.T.) or B.C.A. or B.E. (Computer Engineering/I.T.)
- Having knowledge of programming in C/C++/Java.

Contact Details

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Venue

[Click here to Apply](#)

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