

Type of Event: Workshop

Name of the Event: Coding With Futuristic Technology “GOLANG (GO) LANGUAGE”

Coordinator’s Name and contact Details:

1. **Dr. Kamaljit Singh Saini (E3040)** Phone - **9815222188**, email ID- kamaljit.cse@cumail.in
2. **Sudhanshu Sharma** Phone - **7000728972**
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Co - Coordinator’s Name and contact Details: **Er. Naman Bajpayi, DevOps Engineer at myKaarma Labs (CSE Dept. Alumni)**

Phone - **+91 81758 05723**, email ID- bajpayinaman@gmail.com

Student committee for this event.

NAME	UID	Contact no	EMAIL-ID
Ravi Mishra	20BCS2193	87093 09298	ravimishra9105@gmail.com
Reeta Devi	20BCS2109	6284210320	ritathakur9154@gmail.com

About the workshop:

In the world of programming languages, there is no respite for breakthroughs and innovations. The developers are always in search of an easier, more sophisticated and more project-friendly language that meets their needs.

The Go Programming Language is without doubt one of the hottest languages to learn, particularly in this cloud native era. More and more companies are adopting Go to engineer highly performant, stable and maintainable applications. Ever since it arrived, GoLang took the entire programming world by surprise.

This is precisely why GoLang is the only language that incorporates all three sought-after capabilities, namely, ease of coding, efficient code-compilation and efficient execution.

This workshop is intended for those looking to obtain a basic understanding of the approach to be taken when designing a program using GoLang as well as actually writing small programs to solve specific problems.

GoLang came as such as astounding new programming language with a full pack of solutions. Popular projects such as Docker, Kubernetes, Terraform, Etcd, Istio, InfluxDB have all been built successfully using Go!!

Objective of the workshop:

- This free workshop will provide you with a basic set of skills to make the coding process more effective, less error prone and more maintainable using GoLang.
- This workshop will help students, academicians, researchers and participants aware about the new technology and be able to develop the applications in the area of **Distributed networked services, Cloud-native development etc. using GoLang.**

- They are essential when it comes to validating assumptions and looking for the best solutions for your users.

Outcome of Workshop:

- Learn about what makes Go a great language and how to work with and manage Go modules for module dependency management
- The real-world implementation of technology with the need of working with different subsets of languages for one project.
- To enable students and other participants with technical skills for better career options.

Benefits of the workshops:

1. Certification of participation.

Duration: 2 Days

Schedule:

28th Aug 2021- 29th Aug 2021

Expert

Sangam Biradar (Developer Advocate APAC)

Topics to be covered in the Workshop (Proposed)

- Go101 Beginner Track
- Go102 Intermediate Track
- GO 201 Connecting the Network

Registration Process

- The google form link will be shared for the participants to register for the workshop including details like Name, Designation, Present Organization, Place.
- At the end of the workshop participants are required to fill the feedback form for the betterment and learning.
- Filling the feedback form will be compulsory for the candidates to receive the workshop certificates.