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*We are bridging the  
gap between  
university education  
and industrial demand*

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## Registered Adresses

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**FlowThermoLab**

[www.flowthermolab.com](http://www.flowthermolab.com)



Shaping the next  
generation Engineers!

# Scientific Computing with C++ : Part 1

## About the Course

Are you ready to unlock the potential of programming? Dive into the world of C++, a versatile and powerful language that forms the backbone of countless software applications, from video games to operating systems.

Why Learn C++?

- **Widely Used:** C++ is a staple in the software development industry, making it a valuable skill for aspiring programmers.
- **High Performance:** With its efficient use of system resources, C++ is ideal for applications that demand speed and performance.
- **Versatility:** From desktop applications to embedded systems, C++ can be used across a wide range of platforms and industries.

## More Details

### INSTRUCTOR

**Nishant Soni**, the Lead Instructor at Flowthermolab will be the instructor for this course. He is a scientific software developer with several years of academic and Industrial Experience.

### CONTENT

Level: Beginner

39 lessons (20+ hrs)

- **C++ Fundamentals:** Master the basics of C++ programming, including syntax and core concepts.
- **Efficient Coding:** Learn to manage variables, input/output, and debug effectively for streamlined development.
- **Control Flow Mastery:** Command program flow with conditional statements, loops, and branching mechanisms.
- **File Handling:** Explore file input/output operations and redirecting console output for data management.
- **Memory Management:** Understand pointers, dynamic memory allocation, and efficient resource utilization.
- **Modularization:** Organize code into reusable modules using functions, and implement best practices for documentation.

### FEE

\$69 Including Tax  
[Rs.5800 including 18% GST]



### SUPPORT

- Live discussion forum

## Enrolment Details

### PROCEDURE

[CLICK HERE](#)

- Make the online payment on the course page. Once the payment is made, the login details and invoice will be emailed automatically to the registered email address
- You can start accessing the course immediately and will have access for another **12 months**
- After the course completion, course completion certificate will be issued

[WWW.FLOWTHERMOLAB.COM](http://WWW.FLOWTHERMOLAB.COM)

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affordable education  
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