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

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FlowThermoLab
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Shaping the next
generation Engineers!

Scientific Computing with C++ : Part 2

About the Course

Ready to delve deeper into the world of C++ programming? Part 2 of our course focuses on advanced topics and cutting-edge techniques that will elevate your coding expertise to new heights. From template programming to error handling, inheritance, and parallel computing, this module covers a wide range of essential concepts for aspiring software developers.

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.

More Details

CONTENT

Level: Advanced

61 lessons (20+ hrs)

- **Class Fundamentals:** Basics of classes, including constructors, destructors, and variable management.
- **Access Control and Pointers:** Access privileges, pointers to classes, and organizing code across multiple files.
- **Advanced Concepts:** Operator overloading, friend functions, and inheritance for building complex data structures.
- **Template Programming:** Templates for flexible and efficient code, including polymorphism and leveraging the Standard Template Library (STL).
- **Error Handling and Testing:** Handle errors and exceptions, and implement robust testing strategies for reliable code.
- **Object-Oriented Numerical Libraries:** Design and develop libraries for numerical computations, including linear algebra and solving boundary value problems.
- **Parallel and Distributed Computing:** Basics of parallel and distributed computing, including programming models and techniques for message passing and domain decomposition.

FEE

\$59 Including Tax
[Rs.5000 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

*High quality
affordable education
for any one with
internet access !!!*