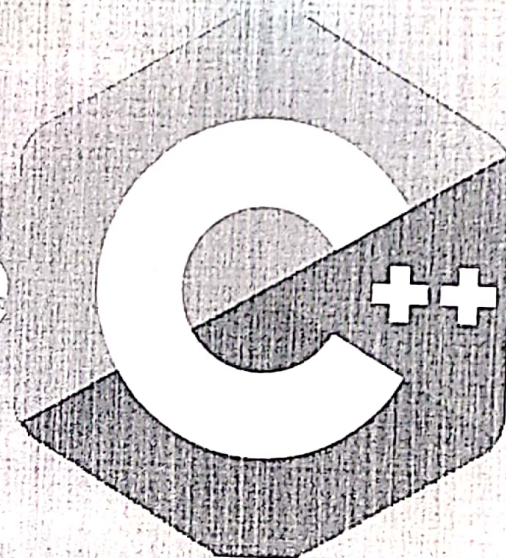


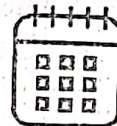
INTERNSHIP CUM ADD-ON TRAINING

B.Tech 1st Year

Advance



Resource Person
Mr. Sumit Bajaj
MCN Solutions



10 June, 2024 to 12 July, 2024
Monday to Friday



02:00 pm to 04:00 pm



First Floor, Block A

1800 103 3797 | www.mietengineering.org
Plot No. 8, Knowledge Park III, Greater Noida, Uttar Pradesh, India

Follow



Notice

MIET is going to organize the Value-Added Certification Course "Advance C++" for the students of B.Tech 1st year, as per the following details.

Date of Commencement: 10 June, 2024

Beneficiaries: B.Tech 1st year students

Total Duration: 42 Hours

Venue: First Floor, Block-A, Computer Lab 1 & 2

Resource Person: Mr. Sumit Bajaj, MCN Solutions


Program Coordinator



Annexure-Detailed Schedule

CC to:

Director IQAC
HOD, MIET
All Faculty Members
Notice Board
Office File

Schedule Internship cum Add-On Training on Advance C++

Hours:-42 Hours

S. No.	Date	Day	Timing	Topics
1	10 th June 2024	Monday	2:00 pm to 4:00 pm	Module 1- Inheritance & Polymorphism Deep Dive Abstract Classes and Interfaces
2	11 th June 2024	Tuesday	2:00 pm to 4:00 pm	Encapsulation & Data Hiding SOLID Principles in C++ OOP Design
3	12 th June 2024	Wednesday	2:00 pm to 4:00 pm	Module 2-Dynamic Memory Allocation and new/delete Memory Leaks & Prevention Techniques
4	13 th June 2024	Thursday	2:00 pm to 4:00 pm	Best Practices in Memory Management
5	14 th June 2024	Friday	2:00 pm to 4:00 pm	Module 3- Function and Class Templates
6	18 th June 2024	Tuesday	2:00 pm to 4:00 pm	Template Metaprogramming Policy-Based Design
7	19 th June 2024	Wednesday	2:00 pm to 4:00 pm	Module 4-STL Containers (vector, list, map, set, etc.)
8	20 th June 2024	Thursday	2:00 pm to 4:00 pm	STL Algorithms (sorting, searching, transformations)
9	24 th June 2024	Monday	2:00 pm to 4:00 pm	Lambda Expressions and Functors
10	25 th June 2024	Tuesday	2:00 pm to 4:00 pm	Module 5 Thread Management and Synchronization
11	26 th June 2024	Wednesday	2:00 pm to 4:00 pm	Atomic Operations and Memory Ordering
12	27 th June 2024	Thursday	2:00 pm to 4:00 pm	Multithreaded Application Best Practices.
13	28 th June 2024	Friday	2:00 pm to 4:00 pm	Module 6-Exception Handling Best Practices
14	29 th June 2024	Saturday	2:00 pm to 4:00 pm	Debugging Techniques in C++
15	1 st July 2024	Monday	2:00 pm to 4:00 pm	Using Debugging Tools (GDB, Visual Studio Debugger)
16	3 rd July 2024	Tuesday	2:00 pm to 4:00 pm	Static Analysis and Runtime Error Checking
17	4 th July 2024	Wednesday	2:00 pm to 4:00 pm	Module 7-Hands-on Project integrating all advanced C++ concepts
18	8 th July 2024	Thursday	2:00 pm to 4:00 pm	Team Collaboration for larger-scale development
19	10 th July 2024	Monday	2:00 pm to 4:00 pm	Code Review and Best Practices Implementation
20	11 th July 2024	Wednesday	2:00 pm to 4:00 pm	Performance Optimization of Real-World Application
21	12 th July 2024	Thursday	2:00 pm to 4:00 pm	Evaluation



Report -Add-On Programme on Advance C++

Training Name: Advance C++

Trainer Name: Mr.Sumit Bajaj, MCN Solutions

Training Schedule: 10/06/2024- 12 July, 2024

Total Registered Students: 79

Training Completed: 79

Objective:

- ❖ **Master Object-Oriented Programming:** Deepen understanding of advanced OOP principles like polymorphism and inheritance.
- ❖ **Advance Template and Generic Programming:** Master template specialization and meta programming.
- ❖ **Strengthen Error Handling:** Implement exception handling, RAII, and ensure exception-safe code.
- ❖ **Utilize Advanced Data Structures:** Implement and customize advanced data structures (e.g., trees, graphs) for specific use cases.
- ❖ **Work with Advanced I/O:** Understand advanced file handling, serialization, and deserialization techniques.
- ❖ **Use Advanced C++ Libraries:** Become familiar with Boost and other widely-used libraries for additional functionality and productivity

Day 1

10th June 2024 -Inheritance & Polymorphism Deep Dive

The session introduced students to the core concepts of inheritance and polymorphism, emphasizing their importance in object-oriented programming. Real-world examples, such as class hierarchies for a vehicle system, demonstrated the practicality of inheritance in organizing shared behavior while allowing customization. Polymorphism was explored through runtime implementation using virtual functions, enabling dynamic behavior. Hands-on exercises included designing a zoo management system, where students practiced method overriding and base class pointer usage. Debugging techniques to avoid issues like object slicing were also covered.



Day 2**11th June 2024 – Encapsulation & Data Hiding; SOLID Principles in C++
OOP Design**

The focus was on encapsulation and its role in data protection and modular code design. Students learned to restrict data access using private and protected specifiers. The session also covered the SOLID principles, with practical examples on designing maintainable and scalable systems. Exercises included implementing a billing system that adhered to the Single Responsibility and Open/Closed Principles. By the end of the day, participants had a clear understanding of encapsulation and how to structure object-oriented designs using SOLID principles.

Day 3**12th June 2024 – Dynamic Memory Allocation and new/delete**

Dynamic memory allocation was explored, highlighting the use of new and delete operators for efficient memory management. Examples included dynamic array creation and linked list management. Students practiced using tools like Valgrind to identify memory leaks and dangling pointers. Exercises involved creating a basic memory management system, helping participants understand the importance of proper allocation and de-allocation techniques.

Day -4**13th June 2024 – Best Practices in Memory Management**

The session emphasized modern memory management practices, focusing on smart pointers such as unique practices and shared practices. Practical examples demonstrated their use in avoiding common pitfalls like memory leaks and dangling pointers. Students refactored existing code to replace raw pointers with smart pointers and implemented a resource manager to manage shared resources in multithreaded applications.

Day 5**14th June 2024 – Function and Class Templates**

This session introduced generic programming using templates to enhance code reusability. Student's implemented function and class templates for generic sorting



and data structures. Template specialization was discussed, and exercises included creating a matrix class that supported various operations. The practical examples helped students understand the flexibility templates bring to C++ programming.

Day 6

18th June 2024 – Template Metaprogramming & Policy-Based Design

Template metaprogramming was introduced as a tool for compile-time computation. Exercises demonstrated its power through type trait generation and compile-time Fibonacci calculations. Policy-based design was also covered, allowing students to define class behavior through customizable policies. Practical tasks included creating policy-driven sorting algorithms, enhancing their understanding of templates in high-performance programming.

Day 7

19th June 2024 – STL Containers

The session focused on the Standard Template Library (STL), exploring containers like vector, list, map, and set. Students learned the internal mechanisms, use cases, and performance trade-offs of each container. Hands-on exercises included creating a contact management system using map and implementing a queue system with deque.

Day 8

20th June 2024 – STL Algorithms

Students explored STL algorithms like `std::sort`, `std::find`, and `std::transform`, learning their use cases and complexities. Exercises involved sorting with custom comparators and transforming data using lambda functions. The session highlighted the power and efficiency of STL in solving common computational problems.

Day 9

24th June 2024 – Lambda Expressions and Functors

The session focused on lambda expressions and their role in creating concise, functional code with STL algorithms. Students practiced using lambdas for filtering, sorting, and transforming data efficiently. Functors were introduced as reusable components in advanced programming. Exercises included real-world applications of lambdas and



functors. The session enhanced students' ability to write cleaner and more efficient C++ code.

Day 10

25th June 2024 – Module 5: Thread Management and Synchronization

The session introduced multithreading concepts, covering thread creation and synchronization using C++11 libraries. Students learned to implement producer-consumer problems with mutex-based synchronization. Practical examples included designing a multithreaded logging system. Exercises emphasized thread safety and resource management. The session enhanced understanding of efficient multithreaded programming.

Day 11

26th June 2024 – Atomic Operations and Memory Ordering

The session provided an in-depth overview of atomic operations and memory consistency models, which are critical in multithreaded programming to avoid issues like data races. Students learned how atomic variables ensure that shared data is accessed in a thread-safe manner without the need for complex locking mechanisms. Practical exercises included building thread-safe counters and using atomic operations for synchronized access to shared resources. The session also covered memory ordering to maintain consistency across threads. By the end, students gained hands-on experience in writing safer, more efficient multithreaded code.

Day 12

27th June 2024 – Multithreaded Application Best Practices

The session covered best practices in designing efficient multithreaded applications, emphasizing thread pooling and workload distribution. Students learned how thread pools can manage multiple threads effectively, improving resource utilization. Practical exercises included implementing a thread pool for parallel data processing tasks. The focus was on optimizing performance by reducing thread overhead and balancing workloads. Students gained skills to design scalable, high-performance multithreaded applications.

Day 13

28th June 2024 – Exception Handling Best Practices

The session focused on advanced exception handling techniques to ensure robust error management in applications. Students learned how to create custom exceptions tailored to specific error scenarios. The importance of a well-structured exception hierarchy was discussed. Practical exercises included implementing this hierarchy in a file-handling



system, simulating various error conditions. By the end of the session, students gained the skills to handle complex errors efficiently in real-world applications.

Day 14

29th June 2024 – Debugging Techniques in C++

The session covered debugging strategies for identifying and fixing common runtime and logical errors in programs. Students explored powerful tools like GDB and Visual Studio Debugger to diagnose issues in sample code. Practical exercises allowed students to practice debugging techniques in real-time. They learned how to pinpoint errors in code flow, memory management, and logic. By the end, students developed effective debugging skills to troubleshoot and resolve issues in their programs.

Day 15

1st July 2024 – Using Debugging Tools (GDB, Visual Studio Debugger)

The session focused on using debugging tools like GDB and Visual Studio Debugger to identify and fix errors in code. Students learned how to set breakpoints, step through code, and inspect variables to diagnose issues. Practical exercises allowed them to practice debugging techniques on sample programs. The session emphasized the importance of debugging in the development process to ensure bug-free code. By the end, students became proficient in using these tools to troubleshoot and resolve programming errors.

Day 16

3rd July 2024 – Static Analysis and Runtime Error Checking

The session introduced students to static analysis tools like AddressSanitizer for identifying runtime errors and improving code quality. Students learned how these tools help detect memory leaks, buffer overflows, and other potential issues. Practical exercises involved analyzing existing code and refactoring it to eliminate detected errors. The focus was on enhancing students' ability to detect and resolve runtime issues early in the development process. By the end, students gained hands-on experience in using static analysis tools to ensure robust and error-free code.

Day 17

4th July 2024 – Hands-on Project Integration

The session marked the start of the hands-on project phase, where students applied advanced C++ concepts to develop real-world applications. Projects included building multithreaded file processing systems and dynamic memory allocators.



Students worked in teams to design and implement their solutions. They collaborated to integrate various C++ features such as memory management and multithreading. The focus was on debugging and refining the projects to ensure efficient and functional applications.

Day 18

8th July 2024 – Team Collaboration for Larger-Scale Development

Teams worked on refining their projects, emphasizing collaboration and integrating feedback to improve their solutions. The session highlighted the importance of effective teamwork and communication during the development process. Students learned best practices in version control to manage code changes and ensure smooth collaboration. They also tackled integration challenges by resolving conflicts and ensuring all components worked together seamlessly. By the end, students had a deeper understanding of collaborative development in real-world projects.

Day 19

10th July 2024 – Code Review and Best Practices Implementation

Participants presented their projects for peer review, focusing on code quality, performance, and adherence to best practices. During the review, teams analyzed each other's work, offering constructive feedback to improve efficiency and readability. The session emphasized the importance of code optimization and continuous improvement. Teams discussed how to enhance performance and address any identified issues. By the end, students gained valuable insights to refine their projects and implement best practices.

Day 20

11th July 2024 – Performance Optimization of Real-World Applications

The session introduced performance profiling techniques to help students optimize their projects. Students learned to use tools like Valgrind and Perf to analyze and identify performance bottlenecks. Practical exercises focused on detecting slow parts of their projects and optimizing them for better efficiency. The session emphasized improving execution times by refining algorithms and memory usage. By the end, students gained hands-on experience in performance tuning and ensuring their projects ran efficiently.



Day 21

12th July 2024 – Evaluation

The session concluded with final project presentations, where students showcased their work and received evaluations. The instructor provided detailed feedback, highlighting both areas for improvement and aspects of excellence in the projects. Certificates of participation were distributed to recognize students' efforts and achievements. Students expressed their appreciation for the practical learning experience and the opportunity to apply advanced concepts. The session ended on a positive note, with students feeling more confident in their skills and knowledge.

Outcome of the Advance C++ Training

- ❖ Enhanced Understanding of C++ Advanced Concepts-
Mastery of advanced topics such as templates, meta programming, smart pointers, RAII (Resource Acquisition Is Initialization), and the Standard Template Library (STL).
- ❖ Improved Object-Oriented Design Skills
Ability to design complex systems using advanced OOP principles like inheritance, polymorphism, and encapsulation, with a focus on design patterns.
- ❖ Concurrency and Multithreading Knowledge
Knowledge of C++ threading libraries, synchronization mechanisms, and best practices for writing multithreaded applications in C++.
- ❖ Error Handling and Debugging Techniques
Enhanced skills in debugging complex code, exception handling, and utilizing C++ debugging tools effectively.
- ❖ Hands-on Project Experience
Practical experience through projects and exercises that apply advanced C++ concepts to solve real-world problems.
- ❖ Enhanced Problem-Solving Skills
Development of strong analytical skills to approach complex programming challenges in C++ efficiently.



Manglmay Institute Of Engineering And Technology, Greater Noida
Session-2023-24

Name of Add On/Training Program: Advance C++ Training

Students Attendance Detail(B.Tech-First Year)

Duration(10/06/2024 to 12/07/2024)

Sr. No.	Student enrollment number	Name	Attendance Details																	Total Attendance(20)	Percentage			
			10.06.2023	11.06.2023	12.06.2023	13.06.2023	14.06.2023	18.06.2023	19.06.2023	20.06.2023	24.06.2023	25.06.2023	26.06.2023	27.06.2023	28.06.2023	29.06.2023	01.07.2024	03.07.2024	4.07.2024			8.07.2024	10.07.2024	11.07.2024
1	230786010003615	ABHISHEK KUMAR SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18	90
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3	230786010010274	ALINA ALI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100
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5	230786010019529	ANURAG MISHRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100
6	230786010022545	ARYAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100
7	230786010023517	ASHISH KUMAR SHARMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100
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9	230786010023972	ASHU KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	18	90
10	230786010024329	ASHUTOSH SINGH	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	19	95
11	230786010025060	ATUL KUMAR	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	A	P	P	P	P	16	80
12	230786010025583	AVINASH THAKUR	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	A	P	16	80
13	230786010026379	AYUSH KUMAR DUBEY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100
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24	230786010042063	JAYDEEP KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P	17	85
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26	230786010044544	KATYANI SHUKLA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	19	95
27	230786010045304	KHUSHI CHAUHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19	95
28	230786010046643	KM SAUMYA GUPTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	19	95
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Coordinator Sign.

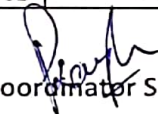
Manglmal Institute Of Engineering And Technology, Greater Noida
Session-2023-24

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33	230786010067943	PRINCE SHARMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100
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35	230786010069256	PRIYANSHU RAI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	17	85
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53	230786152020044	ANUSHKA SHARMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19	95
54	230786152027862	BHAGYA GUPTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19	95
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58	230786152042924	KAJAL RAGHAV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19	95
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60	230786152045806	KISHAN KUMAR JHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100
61	230786152047433	KRISHNA KANT TIWARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100
62	230786152061068	NISHANT YADAV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100


Coordinator Sign.

Students Attendance Detail(B.Tech-First Year)

Name of Add On/Training Program: Advance C++ Training

Duration(10/06/2024 to 12/07/2024)

Sr. No.	Student enrollment number	Name	Attendance Details																	Total Attendance(20)	Percentage			
			10.06.2023	11.06.2023	12.06.2023	13.06.2023	14.06.2023	18.06.2023	19.06.2023	20.06.2023	24.06.2023	25.06.2023	26.06.2023	27.06.2023	28.06.2023	29.06.2023	01.07.2024	03.07.2024	4.07.2024			8.07.2024	10.07.2024	11.07.2024
63	230786152063681	PAYAL YADAV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19	95
64	230786152067831	PRINCE KUMAR MARIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100
65	230786152076332	ROHAN SAPRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100
66	230786152077679	RUPESH SHARMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18	90
67	230786152102157	VARSHA SIROHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18	90
68	230786152104941	VISHAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100
69	230786152105483	VISHAL SAGAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100
70	230786152107171	YASH DUBEY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100
71	230786154002343	ABHINAV KUMAR GUPTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100
72	230786154017503	ANSHI CHATURVEDI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	100
73	230786154017643	ANSHIKA JINDAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19	95
74	230786154071037	RAHUL THAKUR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19	95
75	230786154083005	SATYAM YADAV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18	90
76	230786154086855	SHIVAKANT PANDEY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18	90
77	230786154092650	SIYA SHARMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18	90
78	230786154101465	VANI SHARMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18	90
79	230786154105941	VISHNU MISHRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	17	85

(Handwritten signature)

Coordinator Sign.

No.	Year of Enrollment	Name	Student enrollment number	Status Registered/Completed
1	2023	ABHISHEK KUMAR SINGH	230786010003615	Completed
2	2023	AJEET YADAV	230786010008000	Completed
3	2023	ALINA ALI	230786010010274	Completed
4	2023	ALOK PAL	230786010010557	Completed
5	2023	ANURAG MISHRA	230786010019529	Completed
6	2023	ARYAN KUMAR	230786010022545	Completed
7	2023	ASHISH KUMAR SHARMA	230786010023517	Completed
8	2023	ASHU	230786010023957	Completed
9	2023	ASHU KUMAR	230786010023972	Completed
10	2023	ASHUTOSH SINGH	230786010024329	Completed
11	2023	ATUL KUMAR	230786010025060	Completed
12	2023	AVINASH THAKUR	230786010025583	Completed
13	2023	AYUSH KUMAR DUBEY	230786010026379	Completed
14	2023	AYUSH PANDEY	230786010026605	Completed
15	2023	BHANU PRATAP SINGH	230786010027932	Completed
16	2023	BHARTI	230786010028017	Completed
17	2023	DEVANG MISHRA	230786010031297	Completed
18	2023	DHRUV	230786010032298	Completed
19	2023	DIVYANSH JAIN	230786010033402	Completed
20	2023	GAURAV MANDAL	230786010035469	Completed
21	2023	GYANENDER	230786010036616	Completed
22	2023	HARDIK SINGH	230786010036815	Completed
23	2023	HARIOM KUMAR MISHRA	230786010036966	Completed
24	2023	JAYDEEP KUMAR	230786010042063	Completed
25	2023	JYOTI DHAKA	230786010042573	Completed
26	2023	KATYANI SHUKLA	230786010044544	Completed
27	2023	KHUSHI CHAUHAN	230786010045304	Completed
28	2023	KM SAUMYA GUPTA	230786010046643	Completed
29	2023	KRITIKA OJHA	230786010047829	Completed
30	2023	KULJEET	230786010048139	Completed
31	2023	MAHIMA CHAUHAN	230786010050086	Completed
32	2023	NIKHIL KUMAR	230786010059932	Completed
33	2023	PRINCE SHARMA	230786010067943	Completed
34	2023	PRIYANSHU	230786010068933	Completed
35	2023	PRIYANSHU RAI	230786010069256	Completed
36	2023	PULKIT KAUSHIK	230786010069615	Completed
37	2023	RAJ	230786010071167	Completed
38	2023	RAJEEV RANJAN KUMAR	230786010071931	Completed
39	2023	RITESH PATHAK	230786010075188	Completed
40	2023	SACHIN KUMAR	230786010077999	Completed



41	2023	SHIVAM SAXENA	230786010087807	Completed
42	2023	SHIVAM SINGH	230786010087925	Completed
43	2023	SHIVI RATHORE	230786010089260	Completed
44	2023	SAUMYA RAJ	230786010093160	Completed
45	2023	SUSHIL	230786010096648	Completed
46	2023	TRIPTI SHARMA	230786010098709	Completed
47	2023	VINAY KUMAR	230786010104070	Completed
48	2023	VINIT KUMAR	230786010104450	Completed
49	2023	VISHAL KUMAR BIND	230786010105295	Completed
50	2023	VIVEK CHAUDHARY	230786010106215	Completed
51	2023	ANIKET	230786152014332	Completed
52	2023	ANURAG	230786152019334	Completed
53	2023	ANUSHKA SHARMA	230786152020044	Completed
54	2023	BHAGYA GUPTA	230786152027862	Completed
55	2023	DISHA	230786152032972	Completed
56	2023	HIMANSHU	230786152039461	Completed
57	2023	HIMANSHU GANGWAR	230786152039590	Completed
58	2023	KAJAL RAGHAV	230786152042924	Completed
59	2023	KASAK RAINA	230786152044373	Completed
60	2023	KISHAN KUMAR JHA	230786152045806	Completed
61	2023	KRISHNA KANT TIWARI	230786152047433	Completed
62	2023	NISHANT YADAV	230786152061068	Completed
63	2023	PAYAL YADAV	230786152063681	Completed
64	2023	PRINCE KUMAR MARIK	230786152067831	Completed
65	2023	ROHAN SAPRA	230786152076332	Completed
66	2023	RUPESH SHARMA	230786152077679	Completed
67	2023	VARSHA SIROHI	230786152102157	Completed
68	2023	VISHAL	230786152104941	Completed
69	2023	VISHAL SAGAR	230786152105483	Completed
70	2023	YASH DUBEY	230786152107171	Completed
71	2023	ABHINAV KUMAR GUPTA	230786154002343	Completed
72	2023	ANSHI CHATURVEDI	230786154017503	Completed
73	2023	ANSHIKA JINDAL	230786154017643	Completed
74	2023	RAHUL THAKUR	230786154071037	Completed
75	2023	SATYAM YADAV	230786154083005	Completed
76	2023	SHIVAKANT PANDEY	230786154086855	Completed
77	2023	SIYA SHARMA	230786154092650	Completed
78	2023	VANI SHARMA	230786154101465	Completed
79	2023	VISHNU MISHRA	230786154105941	Completed



Certificate



25-8

OF INTERNSHIP

This Certificate is Conferred to

ABHISHEK K SINGH

a student of B.Tech 1st Year (2023-24) of MIET, Greater Noida
for successfully completing his/her Internship cum Add-On Program
on Advanced C++ Training with Project

We wish him/her all success in future endeavour

Duration : June 10, 2024 - July 12, 2024

Bhasker Das

Bhasker Das
Chief Strategy Officer

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