

CAREER DEVELOPMENT CENTRE



Date: 30th July 2021.

Subject: Value Added Trainings School of Pharmaceutical and Population Health Informatics

Attention: B.Pharm- VIIth Semester (Session-ODD-2021-22)

Above mentioned students are hereby informed that as per the approved value added trainings for the academic year 2021-22, Career Development Centre offers the below mentioned technical training in the odd semester (2021-22). Details as follows:

Training	Semester	Program	Date of Commencing
C++ (B.Pharma) (VAT-96)	VIIth	B.Pharm	16th August 2021

NOTE:

1. The Department concerned shall notify the details about timings and venue of the training sessions. In case of any query please contact the Career Development Centre, DIT University.
2. For Office of HoD- Ref to Letter N0. Ref No: DITU/CDC/2019/AN-14 (Guidelines for VAT)

Dr. Havagiray Chitme
HoD- SoPPH
Head
Faculty of Pharmacy
DIT University, Dehradun

Gaurav Singh
Head- CDC
Career Development Cell
DIT University, Dehradun

To:

- All Deans / Directors
 - HoDs
 - Head CDC
- With the request to bring the above to the notice of the students

Copy to:

- Chairman
 - Chancellor
 - Vice Chancellor
 - Pro Vice Chancellor
- For information please

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C++

VAT 96

Venue: VEDA LAB 232 | **Duration:** 60 Hrs (16th August 2021 to 24th November 2021)

The C and C++ language training was conducted for students of B.Pharma program (VIIth Semester) , the targeted students for the training were those who had to be skilled for technical jobs through IT systems in their domain. This C++ program is useful in pharmacy management system which stores the medicine information and create purchase and generate total amount of purchase. It was conducted by the School of Pharmaceutical and Population Health Informatics, the coordinator for the training was **Dr. Rakesh Kumar Saini** (Assistant Professor, SoC-DIT University).

OBJECTIVE:

- This C++ for Pharmacy Students is a simple console application with no visuals created in C++. The project in the Pharmacy Management System is to receive prescription orders and handle payments.
- The first step is to figure out which C++ libraries our program will need to run. These will be presented at the start of the presentation. #include imports the header files from a library. This library will be used to manage our Pharmacy Management System's fundamental input and output in C++.
- C++ library is a collection of code that can be used in a number of different projects. Methods and classes dealing with a general technique that many developers are likely to use are frequently found in a library. In C++, for example, libraries for processing input and output are included, which is a frequent task in many systems.



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Why this course:

The pharmacy management system, often known as the pharmacy information system, is a system that organizes and manages the drug usage process within pharmacies by storing data and enabling functionality.

The C course is designed to provide complete knowledge of C language. Students will be able to develop logics which will help them to create programs, applications in C. Also by learning the basic programming constructs they can easily switch over to any other language in future. C++ is a programming language with a special focus on the concepts of OOPs and their implementation. It has object-oriented features, which allow the programmer to create objects within the code. This makes programming easier, more efficient, and some would even say, more fun.

The basic programming and OOPs concepts

- Creating C++ programs Tokens, expressions and control structures in C++ Arranging same data systematically with arrays
- Constructors and destructors in C++
- Files management and templates in C++
- Handling exceptions to control errors

TRAINING OUTLINE for Language C:

- 1. Introduction to programming, Fundamentals of C language
- 2. Control Statements
- 3. Loop Control Structures in C
- 4. Arrays
- 5. String Manipulation



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- 6. Functions
- 7. Exploring Programming Basics and OOPs Concepts

C++

- Introducing C ++ Programming
- Working with Tokens, Expressions and Control Structures in C++
- Managing Input and Output Data
- Arranging the Same Data Systematically: Arrays
- Classes and Objects in C++
- Implementing OOPs Concepts in C++

Minimum Eligibility Criteria:

Basic Knowledge of Computer and Prerequisite, if any

Training Outcomes:

- The enrolled students learned to develop applications in pharmacy store management.
- Project of the training course was a comprehensive pharmacy management software platform that aids in the management of pricing, ensuring that prescriptions are matched to the correct drug and dosage, automates claim processing, and coordinates insurance benefits for customers.



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Annexure - II

Value added course Details (Academic Year: 2021-22)

VAT Course Name: C++

VAT Code: VAT 96

Duration in Hours: 60

Number of Students Enrolled: 63

Number of Students Completed: 62

Grades:

G= GOOD ; S = Satisfactory ; P = Poor ; W = Withdraw

Student ID	Student Name	Program/Course	Year	Passing Grade
170921011	ANURAG MISHRA	Bachelor of Pharmacy	4th Year	S
180921001	SHEETAL DHULL	Bachelor of Pharmacy	4th Year	G
180921002	NAND KISHOR	Bachelor of Pharmacy	4th Year	G
180921003	SAPTARSHI DUTTA	Bachelor of Pharmacy	4th Year	G
180921004	TARUN KUMAR	Bachelor of Pharmacy	4th Year	S
180921005	ABHINAV GUPTA	Bachelor of Pharmacy	4th Year	S
180921006	SAMARDEEP SINGH RAWAT	Bachelor of Pharmacy	4th Year	S
180921007	SUMERA SHAMIM	Bachelor of Pharmacy	4th Year	G
180921008	PRADEEP KUMAR	Bachelor of Pharmacy	4th Year	G
180921009	UJJAWAL KAKRAN	Bachelor of Pharmacy	4th Year	S
180921010	PRAJVAAL	Bachelor of Pharmacy	4th Year	S
180921011	AROHI SAXENA	Bachelor of Pharmacy	4th Year	G
180921013	MOHD SHAZEB	Bachelor of Pharmacy	4th Year	S
180921014	MOHD ARSH FIROZ	Bachelor of Pharmacy	4th Year	S
180921015	MANSI SINGHAL	Bachelor of Pharmacy	4th Year	S
180921016	ROHIT KUMAR	Bachelor of Pharmacy	4th Year	G
180921017	NAMAN KULSHRESTHA	Bachelor of Pharmacy	4th Year	S
180921018	NOMAN SHAREEF	Bachelor of Pharmacy	4th Year	S
180921019	CHIRAG RAWAT	Bachelor of Pharmacy	4th Year	S
180921020	ASHWANI PUNDIR	Bachelor of Pharmacy	4th Year	S
180921021	PIYUSH SAINI	Bachelor of Pharmacy	4th Year	S
180921024	RITIK VERMA	Bachelor of Pharmacy	4th Year	S
180921025	SUYASH TRIVEDI	Bachelor of Pharmacy	4th Year	S
180921026	PRANAV PRAKASH	Bachelor of Pharmacy	4th Year	G
180921027	PRASHANT KUMAR	Bachelor of Pharmacy	4th Year	S
180921028	SHAGUN ARORA	Bachelor of Pharmacy	4th Year	S
180921029	SUDHANSHU PANWAR	Bachelor of Pharmacy	4th Year	S
180921030	GURPREET SINGH	Bachelor of Pharmacy	4th Year	G
180921031	AMIT JOSHI	Bachelor of Pharmacy	4th Year	S
180921034	VISHAL PANJWANI	Bachelor of Pharmacy	4th Year	S
180921035	SANJANA CHAMOLI	Bachelor of Pharmacy	4th Year	S
180921037	SHUBH SINGHAL	Bachelor of Pharmacy	4th Year	S
180921038	RITIK	Bachelor of Pharmacy	4th Year	S
180921039	SHIVANGI SINGH	Bachelor of Pharmacy	4th Year	S
180921040	UTKARSH	Bachelor of Pharmacy	4th Year	S
180921042	PRASHANT KUMAR	Bachelor of Pharmacy	4th Year	S
180921043	SHAHRUKH KHAN	Bachelor of Pharmacy	4th Year	S
180921044	ANISH KUMAR	Bachelor of Pharmacy	4th Year	S
180921045	BHARTI JANGRA	Bachelor of Pharmacy	4th Year	S
180921046	SANJANA RAJ	Bachelor of Pharmacy	4th Year	G



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180921048	SAURABH	Bachelor of Pharmacy	4th Year	G
180921050	AMAN VERMA	Bachelor of Pharmacy	4th Year	S
180921051	MUKUL PAL	Bachelor of Pharmacy	4th Year	S
180921052	VISHAL KUMAR	Bachelor of Pharmacy	4th Year	S
180921053	RITESH KUMAR	Bachelor of Pharmacy	4th Year	S
180921054	MUNAL KUMAR	Bachelor of Pharmacy	4th Year	G
180921055	YASHODHAR CHAUDHARY	Bachelor of Pharmacy	4th Year	G
180921056	GULSHAN KUMAR SINGH	Bachelor of Pharmacy	4th Year	S
180921057	HARSH SINGH	Bachelor of Pharmacy	4th Year	S
180921058	ROHIT DHIMAN	Bachelor of Pharmacy	4th Year	S
180921060	SHREYA SHARMA	Bachelor of Pharmacy	4th Year	S
180921061	HIMANSHI CHAUHAN	Bachelor of Pharmacy	4th Year	G
180921062	PRAKASH KUMAR GUPTA	Bachelor of Pharmacy	4th Year	G
190921900	SHIVANK SHARMA	Bachelor of Pharmacy	4th Year	S
190921901	ANUSHKA	Bachelor of Pharmacy	4th Year	P
190921902	VISHAL SINGH	Bachelor of Pharmacy	4th Year	G
190921903	SURAJ KUMAR SINGH	Bachelor of Pharmacy	4th Year	G
190921904	ARJUN SINGH RANA	Bachelor of Pharmacy	4th Year	S
190921905	KARISHMA CHAUHAN	Bachelor of Pharmacy	4th Year	S
190921906	NEERAJ JOSHI	Bachelor of Pharmacy	4th Year	G
18P277050	AAKASH SAINI	Bachelor of Pharmacy	4th Year	S
ADM/004989	DIBYA DARSHAN KASHYAP	Bachelor of Pharmacy	4th Year	S
ADM/004991	MADHURJYA BORA	Bachelor of Pharmacy	4th Year	G

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