Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560078

Department of Computer Application - BCA

Date: 25/10/2021

Admission Notice For Add on Course Programming in C++

This is to notify that department of Computer Application is offering add on course on Programming in C++ I sem BCA students and the course is going to begin from 8/11/2021. Interested students should give their names in the office before 29/10/2021.

Faculty In charge Prof. Srivatsala V

Prof. Hemonth Uppala Vice principa &HOD -BCA

Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560078

Department of Computer Application - BCA Add On Course - Programming in C++

Date: 25/10/2021

List of the students enrolled for the course:

SI No.	Registration Number	Name
1.	U03CJ2150016	WASEEM QADIR
2.	U03CJ21S0017	LAKSHMI D
3.	U03CJ21S0018	AFNAN KHAN
4.	U03CI21S0031	SAHANA S
5.	U03CJ21S0040	SATHWIK R NALAVADE
6.	U03CJ21S0041	GUNJAN JAIN
7.	U03CI21S0042	RAIYAN AHMED
8.	U03CJZ1S0049	A NAGASHESHU
9.	U03CJ21S0055	IFFATH ALIYA
10.	U03CJ21S0073	MEGHANA J YADAV
11.	U03CJ21S0074	ASHLESH S
12.	U03CJ21S0075	KAVYASRI K M
13.	U03CJ21S0085	SUMADHVA B R
14.	U03CI21S0090	VAISHNAVI K
15.	U03CJ21S0102	UTSAV KUMAR SAHOO
16.	U03CJZ1S0104	SRIVATSA V NALLURAYA
17.	U03CJ21S0108	S SHIVA
18.	U03CJ21S0113	AKANKSHA SINGH
19.	U03CJ2150122	NISHMITHA M
20.	U03CJ21S0125	MUGESHWAR R

Faculty In charge Prof. Srivatsala V

Prof. Hemanth Uppala Vice principal & OD -BCA

Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560078

Department of Computer Application - BCA

Syllabus for Add On Course On

Programming in C++

Total Teaching Hours: 30

Course layout

WEEK 1: Programming in C++ is Fun : Build and execute a C program in C++, Write equivalent programs in C++

WEEK 2: C- as Better C : Procedural Extensions of C

WEEK 3: Overview of OOP in C++ : Classes and basic Object-Oriented features (encapsulation)

WEEK 4: Overview of OOP in C++: More OO features, overloading, namespace and using struct and union

WEEK 5: Inheritance : Generalization / Specialization of Object Modeling in C++

WEEK 6: Polymorphism: Static and Dynamic Binding

WEEK 7: Type Casting & Exceptions : C++ cast operators; C++ Exceptions & standard exception classes WEEK 8: Templates & STL - Function and Class templates and using STL like containers, algorithms

Books and references

- The C++ Programming Language by Bjarne Stroustrup, 2013. Or, Programming: Principles and Practice Using C++ by Bjarne Stroustrup, 2014 These books will be followed in the course
 The C Programming Language (Ansi C Version) by Brian W. Kernighan and Dennis M. Ritchie, 1990.
 Or, The C Programming Language by Brian W. Kernighan and Dennis M. Ritchie, 2015
- 3. C-+ reference (C++98 and C++03). http://en.cppreference.com/w/
- 4. Presentations used in the Course

Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560078

Department of Computer Application

Programming in C++ - Add on Course

I SEM BCA A & B Attendance

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This is presented to

WASEEM QADIR - U03CJ21S0016

for successfully completing 30 hours of Programming in C++ course during Nov-Dec 2021

> Prof.Hemant Uppala, Vice Principal & HOD -BCA, DSCASC

This is presented to

SAHANA S - U03CJ21S0031

for successfully completing 30 hours of Programming in C++ course during Nov-Dec 2021

> Prof.Heman Uppala, Vice Principal & HOD -BCA , DSCASC

This is presented to

RAIYAN AHMED- U03CJ21S0042

for successfully completing 30 hours of Programming in C++ course during Nov-Dec 2021

> Prof.Hemant Uppala, Vice Principal & HOD -BCA , DSCASC

This is presented to

SRIVATSA V NALLURAYA - U03CJ21S0104

for successfully completing 30 hours of Programming in C++ course during Nov-Dec 2021

> Prof.Hemant Uppala, Vice Principal & HOD -BCA, DSCASC

This is presented to

CERTIFICATE OF COMPLETION

ASHLESH S- U03CJ21S0074

for successfully completing 30 hours of Programming in C++ course during Nov-Dec 2021

> Prof.Hement Uppala, Vice Principal & HOD -BCA, DSCASC