

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE


Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560078

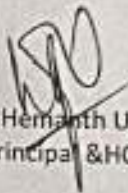
Department of Computer Application - BCA

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. Hemant Uppala
Vice principal & HOD -BCA

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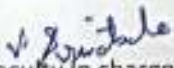
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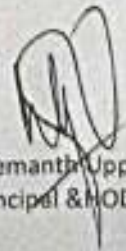
Add On Course – Programming in C++

Date: 25/10/2021

List of the students enrolled for the course:

Sl No.	Registration Number	Name
1.	U03CJ21S0016	WASEEM QADIR
2.	U03CJ21S0017	LAKSHMI D
3.	U03CJ21S0018	AFNAN KHAN
4.	U03CJ21S0031	SAHANA S
5.	U03CJ21S0040	SATHWIK R NALAVADE
6.	U03CJ21S0041	GUNJAN JAIN
7.	U03CJ21S0042	RAIYAN AHMED
8.	U03CJ21S0049	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.	U03CJ21S0090	VAISHNAVI K
15.	U03CJ21S0102	UTSAV KUMAR SAHOO
16.	U03CJ21S0104	SRIVATSA V NALLURAYA
17.	U03CJ21S0108	S SHIVA
18.	U03CJ21S0113	AKANKSHA SINGH
19.	U03CJ21S0122	NISHMITHA M
20.	U03CJ21S0125	MUGESHWAR R


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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

1. 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
2. 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

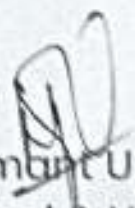
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Department of Computer Applications – BCA

ADD ON COURSE
CERTIFICATE OF COMPLETION

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

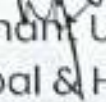
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ADD ON COURSE
CERTIFICATE OF COMPLETION

This is presented to

SAHANA S - U03CJ21S0031

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


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ADD ON COURSE
CERTIFICATE OF COMPLETION

This is presented to

RAIYAN AHMED- U03CJ21S0042

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ADD ON COURSE
CERTIFICATE OF COMPLETION

This is presented to

SRIVATSA V NALLURAYA - U03CJ21S0104

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


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ADD ON COURSE
CERTIFICATE OF COMPLETION

This is presented to

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