



**Sandip Foundation's  
Sandip Institute of Technology & Research Centre, Nashik  
Department of Information Technology**

**Date:31/08/2018**

**NOTICE**

All the Staff members & SE Students of Information Technology are hereby informed that there are departmental event on 03<sup>rd</sup> to 10<sup>th</sup> September 2018.

Event Topic :-1) “VAP on Improving SkillSet Of C& C++Programming ”  
Time:10:00 am to 05:00 pm  
Event Venue:Software Lab IT Dept

Interested Students can register their names to event coordinator.

**Dr. Pawan Bhaladhare  
Head of Department**

**Prof. Dr. S T Gandhe  
Principal**





### **CHIEF PATRON**

**Hon.(Dr).Sandip N. Jha**

(Chairman, Sandip Foundation, Nashik)

### **PATRON**

**Hon. Ms. Monali Patil**

(GM, Sandip Foundation, Nashik)

**Hon. Dr. P. I. Patil**

(Mentor Sandip Foundation)

### **PRINCIPAL**

**Prof. (Dr) S.T. Gandhe**

(Principal, SITRC, Nashik)

### **CONVENER**

**Dr.Pawan R Bhaladhare**

(Head, Department of Information Technology Engineering, SITRC, Nashik)

### **CO-ORDINATOR**

**Prof. Swati Khokale**

(Assistant Professor,  
Dept. of Information Technology Engg.,  
SITRC, Nashik)



### **ORGANIZING COMMITTEE**

Prof. Vivek Patil  
Prof. Priyanka Sonawane  
Prof.Swati Khokale

### **RESOURCE PERSON**

**Mr.Sanket T. Ghodake**  
Arohi Software Development

### **Venue and Time**

Software Lab IT Dept  
Time: 10 AM To 5.00 PM

## **Value Added Program**

**On**

# **"Improving SkillSet Of C & C++ Programming"**

(3rd –10 th Sep 2018)

**Organized**

**By**

**Department of Information Technology Engineering,  
Sandip Institute of Technology and Research Centre,  
Nashik-422213.**

## ABOUT INSTITUTE

Sandip Institute of Technology and Research Center (SITRC), the top Engineering college in Nasik, Maharashtra is established in 2008 and is approved by AICTE, New Delhi and affiliated to Savitribai Phule Pune University, Pune. SITRC's Computer Engineering & Mechanical Engineering (UG) programs accredited by NBA, in February 2020. The Institute is accredited by NAAC with 'A' Grade (CGPA 3.11 Score). SITRC have an ambiance that stimulates intellectual thinking and academic proceedings.

### The institute has following major credentials to its credit.

- ✓ Accredited by NBA Computer & Mechanical Engineering
- ✓ Accredited with A Grade by NAAC
- ✓ Affiliated to SPPU Pune
- ✓ Green and Clean Campus

## ABOUT DEPARTMENT

The department of Information and Technology Engineering was established in the year 2008 with the intake of 60 students. It provides the UG program in Information Technology. Since then, the department is producing the IT Engineers to meet the demands and trends in IT industries.

## DEPARTMENT VISION

*To be a renowned academic department for education and research in the domain of Information Technology.*

## DEPARTMENT MISSION

To achieve the vision, the department is committed to:

- \* M1. To Impart quality technical education and accomplish superiority in education and research.
- \* M2. To produce competent IT Professionals and Entrepreneurs with Professional ethics.
- \* M3. To promote and develop an ability to apply the knowledge for the societal benefits

## ABOUT VALUE ADDED PROGRAM

The aim of the value-added program is to offer a comprehensive in-depth technical knowledge and train the participants in "C & C++ Programming"

## VAP OBJECTIVES

The objective of the One Week VAP on "Improving SkillSet Of C & C++" is to make students understand the concepts and practicals of C & C++ Programming. To motivate students in programming. Improve students practical knowledge.

## COURSE CONTENT

The VAP will cover a wide range of topics.

- ✓ Introduction to C
- ✓ Control Structures
- ✓ Strings Handling functions
- ✓ Pointers
- ✓ Pass By Value and Pass by Reference
- ✓ Dynamic memory allocation
- ✓ Introduction to C++
- ✓ Object oriented programming Concept
- ✓ Encapsulation
- ✓ Polymorphism
- ✓ Working with Control Structures

## IMPORTANT DATES

**Last Date of Registration: 02nd Sep 2018**

**Date: 03rd Sep - 10th Sep. 2018**

## REGISTRATION LINK

<https://forms.gle/k3prpD2qrtJaliR>

**No Registration Fees**

# Value Added Program

On

"Improving SkillSet Of C & C++ Programming"

(03/09/2018 To 10 /09/2018)



**SANDIP**  
FOUNDATION



## Session wise schedule

<b>Day &amp; Date</b>	<b>Sessions</b>	<b>Details</b>
<b>03/09/2018</b> <b>(Monday)</b>	<b>Session I</b> <b>(10:00 A.M. to 1:00 P.M.)</b>	Introduction to C
	<b>Session II</b> <b>(02:00 P.M. to 5:00 P.M.)</b>	Data types
<b>04/09/2018</b> <b>(Tuesday)</b>	<b>Session I</b> <b>(10:00 A.M. to 1:00 P.M.)</b>	Control Structures
	<b>Session II</b> <b>(02:00 P.M. to 5:00 P.M.)</b>	Arrays Planning
<b>05/09/2018</b> <b>(Wednesday)</b>	<b>Session I</b> <b>(10:00 A.M. to 1:00 P.M.)</b>	Strings Handling functions
	<b>Session II</b> <b>(02:00 P.M. to 5:00 P.M.)</b>	Structures
<b>06/09/2018</b> <b>(Thursday)</b>	<b>Session I</b> <b>(10:00 A.M. to 1:00 P.M.)</b>	Arrays
	<b>Session II</b> <b>(02:00 P.M. to 5:00 P.M.)</b>	Functions
<b>07/09/2018</b> <b>(Friday)</b>	<b>Session I</b> <b>(10:00 A.M. to 1:00 P.M.)</b>	Pass By Value and Pass by Reference
	<b>Session II</b> <b>(02:00 P.M. to 5:00 P.M.)</b>	Object oriented programming Concept
<b>08/09/2018</b> <b>(Saturday)</b>	<b>Session I</b> <b>(10:00 A.M. to 1:00 P.M.)</b>	OOP vs. Procedure oriented
	<b>Session II</b> <b>(02:00 P.M. to 5:00 P.M.)</b>	Classes and objects

<b>10/09/2018 (Monday)</b>	<b>Session I (10:00 A.M. to 1:00 P.M.)</b>	Inheritance/Polymorphism
	<b>Session II (02:00 P.M. to 5:00 P.M.)</b>	Working with Control Structures



**Prof Swati Khokale  
Event Co-ordinator**



**Dr. Pawan R Bhaladhare  
HOD**





**Value Added Program**  
**Improving SkillSet Of**  
**on**  
**C & C++ Programming**  
**(3rd — 10 th Sept 2018)**

**Organized by**

**Department of Information Technology**



## VAP On Improving SkillSet Of C & C++ Programming

**Resource Person:** Mr. Sanket T. Godake (Arohi Software Development )

**Date:** 3<sup>rd</sup> – 10<sup>th</sup> Sept 2018

**Class:** SE IT

**Course Duration:** 42 Hrs

**Venue:** Software Lab IT Dept, SITRC

**No of Participants:** 70

**Co-ordinator:** Prof Swati Khokale, SITRC, Nashik

**Aim :** To understand 'C' & C++ Programming Language.

### Objective :

1. Make students understand the of 'C' & C++ Programming concepts and practicals.
2. To motivate students in programming.
3. Improve students practical knowledge.

### Outcomes :

After Attending VAP Students Will able to

1. To be able to solve problem statement of a given program.
2. To improve coding skills.

### Description of Event

Information Technology Department organized Session on Improving SkillSet Of C & C++ Programming ,for SEIT Students on 3rd Sep to 10th Sep 2018 This event had over whelming response the session conducted for the students was fulfilled with the details which gives a clear structure to programs and allows code to be reused, lowering development costs. C++ (or “C-plus-plus”) is a generic programming language for building software. It's an object-oriented language.



**Event Photographs:**



SE Students Attending Value Added Program on " Improving SkillSet Of C & C ++ " Programming







SE Students Attending Value Added Program on "Improving SkillSet Of C & C ++ " Programming

**Prof. Swati Khokale**  
Co-ordinator

**Dr Pawan.R.Bhaladhare**  
HOD

**Prof Dr Sanjay T Gandhe**  
Principal SITRC



## Event Feedback

Date:- 10/09/2018

Name of the Event:- Value Added Program On "Improving SkillSet Of C & C++ Programming "

The Event Feedback has been taken with the participants. Participants can give their feedback on below points.

Student Name:Khan Saniya Arif

Sr. No.	Parameter	Please Mark yours choice in block				
		1 (Bad)	2 (Good)	3 (Better)	4 (Best)	5 (Excellent)
1	Punctuality			✓		
2	Expertise				✓	
3	Clariaty of communication				✓	
4	Problem Solving ability					✓
5	Co-ordination			✓		
6	Understanding by the student			✓		
7	Quality of tearing material					✓
8	Value addition from Course				✓	

Suggestion to Value Added Course:-

Student Sign: Khan Saniya Arif

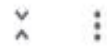


Section 1 of 4

# Sandip Institute of Technology & Research

## Centre Nashik

### Department of Information Technology



Value Added Program on Improving Skillset of C & C++ Programming

Academic Year:2018-19

Description of Event:Information Technology Department organized Session on Improving Skillset of C & C++ Programming.

Date:10th Sept 2018.

After section 1 Submit form



Section 2 of 4

Name of Student:



Description (optional)

After section 2 Continue to next section



Section 3 of 4

Student Email ID:



Description (optional)

After section 3 Continue to next section



Section 4 of 4

Class:



Description (optional)

1) Which of the following operators can be applied on structure variables?

- Equality comparison ( == )
- Assignment ( = )
- None of the above
- Both of the above

2) Which of the following is true about arrays in C?

- For every type T except void and function type, there can be an array of T.
- 2D arrays are stored in column major form
- For every type T, there can be an array of T
- When an array is passed to a function, C compiler creates a copy of array.

3) Let A(1:8, -5:5, -10:5) be a three dimensional array. How many elements are there in the array A?

- 1200
- 1408
- 33
- 1050

4) In an array of  $2N$  elements that is both 2-ordered and 3-ordered, what is the maximum number of positions that an element can be from its position if the array were 1-ordered?

- 1
- 2
- $N/2$
- $2N-1$



# Certificate Completion



This is to certify that

**AMRUTKAR AKSHAY PANDIT**

Value Added Program On “ C & C++ Programming” Organize By Sandip Institute Of Technology & Research Center Nashik on 3<sup>rd</sup> to 10<sup>th</sup> Sept 2018.

Dr Pawan R Bhaladhare

HOD



Dr Sanjay T Gandhe

Principal



# Certificate Completion

This is to certify that

**ANSARI ASAR MAHFOOZUR R.**

Value Added Program On “ C & C++ Programming” Organize By Sandip Institute Of Technology & Research Center Nashik on 3<sup>rd</sup> to 10<sup>th</sup> Sept 2018.

Dr Pawan R Bhaladhare

HOD



Dr Sanjay T Gandhe

Principal