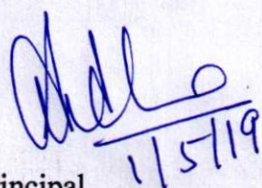01/05/2019

SUMMER INTERNSHIP PROGRAM
(For IV Yr. Engineering Students)

In order to encourage practical exposure of the students on Computer Programming language on C/C++ and Java to enhance the programming adequacy of students in demanding areas relevant to placement and professional career therefore, we are organizing summer internship program.
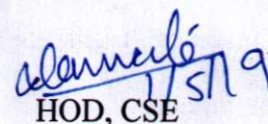
Schedule of Program

S.No.	Theme	Outcome
1	Preliminary Concepts	To introduce the major programming paradigms, and the principles and techniques involved in program design
2	Describing Syntax and Semantics	To introduce notations to describe syntax and semantics of programming languages.
3	Program Structure and Logic Building	To analyze and explain behavior of simple programs in imperative languages using concepts such as binding, scope, control structures, subprograms and parameter passing mechanisms.
4	Concept and real time Implementation of Programming Languages	To introduce the concepts of object oriented programming for software development.

- ➢ The training is scheduled from 17/06/19 to 09 /07/19. (10.00 am to 1.00 pm)
- ➢ External Student Fee Rs.2000/-
- ➢ For more details contact:
  Ph. 0731-4014652
  E mail – hod.compsc@ipsacademy.org

Principal
IPS Academy
Institute of Engineering & Science
Indore.

HOD, CSE

INSTITUTE OF ENGINEERING & SCIENCE
COMPUTER SCIENCE & ENGINEERING DEPARTMENT(U.G.NBA Accredited up to June2020)
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SUMMER INTERNSHIP PROGRAM (C&C++)
(For IV Yr. Students)
Time Table

S.N.	Date	Timing		
		10.00 – 11.00	11.00-11:30 (Break)	11.30 –01.00
1	17/06/19	Orientation		Practical Lab
2	18/06/19	Basic Syntax, Data Types, Variable, Constant		Practical Lab
3	19/06/19	Input Output, Program structure, Basic Operation		Practical Lab
4	20/06/19	Operators, Decision Making		Practical Lab
5	21/06/19	Loops		Practical Lab
6	22/06/19	Functions		Practical Lab
7	24/06/19	Array and types		Practical Lab
8	25/06/19	Introduction to Pointer		Practical Lab
9	26/06/19	String in C		Practical Lab
10	27/06/19	Structure		Practical Lab
11	28/06/19	Introduction to OOP, Input Output, program structure		Practical Lab
12	29/06/19	Concept of Oops, Class and Object		Practical Lab
13	01/07/19	Default Argument , Function Overloading		Practical Lab
14	02/07/19	Constructor and Destructor and Types		Practical Lab
15	03/07/19	Inheritance		Practical Lab
16	04/07/19	String in C++		Practical Lab
17	05/07/19	Dynamic Polymorphism		Practical Lab
18	06/07/19	Friend Function & Inline Function		Practical Lab
19	08/07/19	Dynamic Memory Allocation		Practical Lab
20	09/07/19	File Handling		Practical Lab

SUMMER INTERNSHIP PROGRAM (JAVA)
(For IV Yr. Students)
Time Table

S.N.	Date	Timing		
		10.00 – 11.00	**11.00-11:30 (Break)**	**11.30 –01.00**
1	17/06/19	Orientation		Practical Lab
2	18/06/19	How to set path, Welcome Java Program		Practical Lab
3	19/06/19	Java Data types, Variables		Practical Lab
4	20/06/19	Operators, Keywords, Garbage Collection		Practical Lab
5	21/06/19	Control Statement(If-Else, Switch)		Practical Lab
6	22/06/19	Control Statement(For Loop)		Practical Lab
7	24/06/19	Control Statement(While, Do while)		Practical Lab
8	25/06/19	Object Oriented Concepts, Access Modifiers		Practical Lab
9	26/06/19	Object and Class		Practical Lab
10	27/06/19	Inheritance and types		Practical Lab
11	28/06/19	Constructor and types		Practical Lab
12	29/06/19	This and super Keyword		Practical Lab
13	01/07/19	Polymorphism(Overloading and Overriding)		Practical Lab
14	02/07/19	Encapsulation		Practical Lab
15	03/07/19	String		Practical Lab
16	04/07/19	Abstract Class		Practical Lab
17	05/07/19	Interface		Practical Lab
18	06/07/19	Exception handling		Practical Lab
19	08/07/19	Multithreading		Practical Lab
20	09/07/19	Inner class and Wrapper Class		Practical Lab