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Department: Computer Science and Engineering

Academic Session: 2017-18 (Jan-June 2018)

Lesson Plan for the Semester started w.e.f 08.01.2018

Subject with code: OOPS & IT-202-F

Name of Faculty with designation : Ashu Khruana (Assistant Professor)

Month	Date & Day	Sem-Class	Unit	Topic/Chapter covered	Academic activity	Test / assignment
January	08.01.2018 Monday	IV-CSE-II	1	C++ Standard Library,Basics of Typical C++ Enviornment,Pre-processors Directives, Illustrative Simple C++ Programs. Header Files and Namespaces, library files	Assignment of 02 Ques. given
	09.01.2018 Tuesday	IV-CSE-I,IV-IT	1	C++ Standard Library,Basics of Typical C++ Enviornment,Pre-processors Directives, Illustrative Simple C++ Programs. Header Files and Namespaces, library files		Assignment of 02 Ques. given
	10.01.2018 Wedensday	IV-CSE-II,IV CSE-I	1	Introduction to Objects and Object Oriented Programming, Encapsulation (Information Hiding),		Assignment of 02 Ques. given
	11.01.2018Thrus day	IV-IT	1	Introduction to Objects and Object Oriented Programming, Encapsulation (Information Hiding),		Assignment of 02 Ques. given
	12.01.2018 Friday	IV-CSE-I & CSE-II,IV-IT	1	Access Modifiers: Controlling access to a class, method, or variable (public, protected, private, package), Other Modifiers, Polymorphism: Overloading,, Inheritance,		Assignment of 02 Ques. given
	15.01.2018 Monday	IV-CSE-II	1	Overriding Methods, Abstract Classes, Reusability, Class's Behaviors		Assignment of 02 Ques. given
	16.01.2018 Tuesday	IV-CSE-I,IV-IT	1	Overriding Methods, Abstract Classes, Reusability, Class's Behaviors		Assignment of 02 Ques. given
	17.01.2018 Wedensday	IV-CSE-II,IV CSE-I	1	Class test		
	18.01.2018Thrus day	IV-IT	1	Class test		
	19.01.2018 Friday	IV-CSE-I & CSE-II,IV-IT	2	Introduction, Structure Definitions, Accessing Members of Structures, Class Scope and Accessing Class Members, Separating Interface from Implementation		Assignment of 02 Ques. given

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	23.01.2018 Tuesday	IV-CSE-I,IV-IT	2	Controlling Access Function And Utility Functions, Initializing Class Objects: Constructors, Using Default Arguments With Constructors, Using Destructors, Classes : Const(Constant) Object And Const Member Functions, Object as Member of Classes,		Assignment of 02 Ques. given
	24.01.2018 Wednesday	IV-CSE-II,IV CSE-I	2	Controlling Access Function And Utility Functions, Initializing Class Objects: Constructors, Using Default Arguments With Constructors, Using Destructors, Classes : Const(Constant) Object And Const Member Functions, Object as Member of Classes,		Assignment of 02 Ques. given
	25.01.2018Thrus day	IV-IT	2	Friend Function and Friend Classes, Using This Pointer, Dynamic Memory Allocation with New and Delete, Static Class Members, Container Classes And Integrators, Proxy Classes, Function		Assignment of 02 Ques. given
	29.01.2018 Monday	IV-CSE-II	2	Friend Function and Friend Classes, Using This Pointer, Dynamic Memory Allocation with New and Delete, Static Class Members, Container Classes And Integrators, Proxy Classes, Function		Assignment of 02 Ques. given
	30.01.2018 Tuesday	IV-CSE-I,IV-IT	2	Class test		
Feb	01.02.2018Thrus day	IV-IT	2	Discussion of Doubts and Gate question		
	02.02.2018 Friday	IV-CSE-I &CSE-II,IV-IT		Discussion of Doubts and Gate question		
	05.02..2018 Monday	IV-CSE-II	2	Class test		
	06.02.2018 Tuesday	IV-CSE-I,IV-IT	3	Overloading, Operator Functions as Class Members vs. as Friend Functions, Overloading, <<, >> Overloading Unary Operators, Overloading Binary Operators		Assignment of 02 Ques. given
	07.02.2018 Wednesday	IV-CSE-II,IV CSE-I	3	Overloading, Operator Functions as Class Members vs. as Friend Functions, Overloading, <<, >> Overloading Unary Operators, Overloading Binary Operators		Assignment of 02 Ques. given
	08.02.2018Thrus day	IV-IT	3	Introduction to Inheritance, Base Classes And Derived Classes, Protected Members, Casting Base- Class Pointers to Derived- Class Pointers, Using Member Functions		Assignment of 02 Ques. given
	09.02.2018 Friday	IV-CSE-I &CSE-II,IV-IT	3	Discussion of Doubts		Assignment of 02 Ques. given
	19.02.2018 Monday	IV-CSE-II	3	Overriding Base – Class Members in a Derived Class, Public, Protected and Private Inheritance,Using Constructors and Destructors in derived Classes, Implicit Derived –Class Object To BaseClass Object Conversion, Composition Vs. Inheritance.		Assignment of 02 Ques. given
	20.02.2018 Tuesday	IV-CSE-I,IV-IT	3	Overriding Base – Class Members in a Derived Class, Public, Protected and Private Inheritance,Using Constructors and Destructors in derived Classes, Implicit Derived –Class Object To BaseClass		Assignment of 02 Ques. given
	21.02.2018 Wednesday	IV-CSE-II,IV CSE-I	3	Introduction to Virtual Functions, Abstract Base Classes And Concrete Classes, Polymorphism, New Classes And Dynamic Binding, Virtual Destructors, Polymorphism, Dynamic Binding.		Assignment of 02 Ques. given

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	22.02.2018Thrus day	IV-IT	3	Introduction to Virtual Functions, Abstract Base Classes And Concrete Classes, Polymorphism, New Classes And Dynamic Binding, Virtual Destructors, Polymorphism, Dynamic Binding.		Assignment of 02 Ques. given
	23.02.2018 Friday	IV-CSE-I &CSE-II,IV-IT	3	Discussion of Doubts and Gate question		
	26.02.2018 Monday	IV-CSE-II	3	Class test		
	27.02.2018 Tuesday	IV-CSE-I,IV-IT	3	Class test		
	28.02.2018 Wedensday	IV-CSE-II,IV CSE-I	3	Discussion of Doubts and Gate question		
March	05.03.2018 Monday	IV-CSE-II	4	Files and Streams, Creating a Sequential Access File, Reading Data From A Sequential Access File, Updating Sequential Access Files		Assignment of 02 Ques. given
	06.03.2018 Tuesday	IV-CSE-I,IV-IT	4	Files and Streams, Creating a Sequential Access File, Reading Data From A Sequential Access File, Updating Sequential Access Files		Assignment of 02 Ques. given
	07.03.2018 Wedensday	IV-CSE-II,IV CSE-I	4	Random Access Files, Creating A Random Access File, Writing Data Randomly To a Random Access File, Reading Data Sequentially from a Random Access File. Stream Input/Output Classes and Objects, Stream Output, Stream Input,		Assignment of 02 Ques. given
	08.03.2018Thrus day	IV-IT	4	Random Access Files, Creating A Random Access File, Writing Data Randomly To a Random Access File, Reading Data Sequentially from a Random Access File. Stream Input/Output Classes and Objects, Stream Output, Stream Input,		Assignment of 02 Ques. given
	09.03.2018 Friday	IV-CSE-I &CSE-II,IV-IT	4	Unformatted I/O (with read and write), Stream Manipulators, Stream Format States, Stream Error States. Function Templates, Overloading Template Functions, Class Template, Class Templates and Non-Type Parameters, Templates and Inheritance, Templates and Friends, Templates and Static Members.		Assignment of 02 Ques. given
	12.03.2018 Monday	IV-CSE-II	4	Unformatted I/O (with read and write), Stream Manipulators, Stream Format States, Stream Error States. Function Templates, Overloading Template Functions, Class Template, Class Templates and Non-Type Parameters, Templates and Inheritance, Templates and Friends, Templates and Static Members.		Assignment of 02 Ques. given

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	13.03.2018 Tuesday	IV-CSE-I,IV-IT	4	Introduction, Basics of C++ Exception Handling: Try Throw, Catch, Throwing an Exception, Catching an Exception, Rethrowing an Exception, Exception specifications, Processing Unexpected Exceptions, Stack Unwinding, Constructors, Destructors and Exception Handling, Exceptions and Inheritance.		Assignment of 02 Ques. given
	14.03.2018 Wednesday	IV-CSE-II,IV CSE-I	4	Class test		
	15.03.2018 Thursday	IV-IT	4	Class test		
	16.03.2018 Friday	IV-CSE-I & CSE-II,IV-IT	4	Discussion of Doubts and Gate question		
April	-	-	-	Revision of Syllabus		