

## LESSON PLAN

| Period | Date<br>(Tentative) | Topic                                  | Unit<br>No. | Teaching<br>Methodology | Remarks | Corrective Action<br>Upon Review |
|--------|---------------------|--|-------------|-------------------------|---------|----------------------------------|
|        |                     | <b>UNIT-I</b>                          |             |                         |         |                                  |
|        |                     | OOP's principal's                      |             |                         |         |                                  |
|        |                     | Encapsulation                          |             |                         |         |                                  |
|        |                     | Inheritance & polymorphism             |             |                         |         |                                  |
|        |                     | Datatypes                              |             |                         |         |                                  |
|        |                     | variables & variable declaration       |             |                         |         |                                  |
|        |                     | Scope and lifetime of variables        |             |                         |         |                                  |
|        |                     | usage of Static with data<br>& methods |             |                         |         |                                  |
|        |                     | Access Control                         |             |                         |         |                                  |
|        |                     | This key word                          |             |                         |         |                                  |
|        |                     | Garbage Collection                     |             |                         |         |                                  |
|        |                     | overloading methods                    |             |                         |         |                                  |
|        |                     | overloading Constructors               |             |                         |         |                                  |
|        |                     | parameter passing                      |             |                         |         |                                  |
|        |                     | Call by value                          |             |                         |         |                                  |
|        |                     | Recursion.                             |             |                         |         |                                  |
|        |                     | <b>UNIT-II</b>                         |             |                         |         |                                  |
|        |                     | Class & object                         |             |                         |         |                                  |
|        |                     | Class fundamentals                     |             |                         |         |                                  |
|        |                     | Declaring objects                      |             |                         |         |                                  |

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| 1      | 2/2/15              | OOP's principles                    | I           | CR                      |         |                                  |
|        | -                   | Encapsulation                       | I           | CR                      |         |                                  |
| 5      | 3/2/15              | Inheritance                         | I           | CR                      |         |                                  |
|        | -                   | polymorphism                        | I           | CR                      |         |                                  |
| 3      | 4/2/15              | Data Types                          | I           | CR                      |         |                                  |
| 2      | 6/2/15              | Variables                           | I           | CR                      |         |                                  |
|        | -                   | declaring variables                 | I           | CR                      |         |                                  |
| 1      | 9/2/15              | scope and life time of<br>variables | I           | CR                      |         |                                  |
| 5,3    | 10/2/15<br>11/2/15  | Arrays                              | I           | CR                      |         |                                  |
| 2,1    | 13/2/15<br>16/2/15  | operators                           | I           | CR                      |         |                                  |
| 5,3    | 17/2/15<br>18/2/15  | control statements                  | I           | CR                      |         |                                  |
| 2      | 20/2/15             | Type conversion                     | I           | CR                      |         |                                  |
|        | -                   | casting                             | I           | CR                      |         |                                  |
|        |                     |                                     |             |                         |         |                                  |
| 1      | 23/2/15             | class and object                    | II          | CR                      |         |                                  |
|        |                     | concept of class & obj              | II          | CR                      |         |                                  |
| 5      | 24/2/15             | class fundamentals                  | II          | CR                      |         |                                  |
| 3      | 25/2/15             | declaring objects                   | II          | CR                      |         |                                  |
| 2      | 27/2/15             | introducing methods                 | II          | CR                      |         |                                  |
| 1      | 16/3/15             | constructors                        | II          | CR                      |         |                                  |

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| 5      | 17/3/15             | usage of static with<br>data & method | <u>II</u>   | CR                      |         |                                  |
| 3      | 18/3/15             | Access controls                       | <u>II</u>   | CR                      |         |                                  |
|        |                     | This keyword                          | <u>II</u>   | CR                      |         |                                  |
| 2      | 20/3/15             | Garbage collection                    | <u>II</u>   | CR                      |         |                                  |
| 1      | 23/3/15             | overloading methods                   | <u>II</u>   | CR                      |         |                                  |
|        |                     | constructors                          | <u>II</u>   | CR                      |         |                                  |
| 5      | 24/3/15             | parameter passing                     | <u>II</u>   | CR                      |         |                                  |
|        |                     | call by value                         | <u>II</u>   | CR                      |         |                                  |
| 3      | 25/3/15             | Recursion                             | <u>II</u>   | CR                      |         |                                  |
|        |                     |                                       |             |                         |         |                                  |
| 1      | 30/3/15             | Inheritance                           | <u>III</u>  | CR                      |         |                                  |
| 1      | 30/3/15             | Basic concepts                        | <u>III</u>  | CR                      |         |                                  |
| 3      | 1/4/15              | member Access Rules                   | <u>III</u>  | CR                      |         |                                  |
| 3      | 1/4/15              | super keyword                         | <u>III</u>  | CR                      |         |                                  |
| 2      | 3/4/15              | types of inheritance                  | <u>III</u>  | CR                      |         |                                  |
| 1      | 6/4/15              | method overriding                     | <u>III</u>  | CR                      |         |                                  |
| 5      | 7/4/15              | Abstract class                        | <u>III</u>  | CR                      |         |                                  |
| 3      | 8/4/15              | Dynamic method dispatch               | <u>III</u>  | CR                      |         |                                  |
| 3      | 8/4/15              | final keyword                         | <u>III</u>  | CR                      |         |                                  |
| 2      | 10/4/15             | package & interfaces                  | <u>III</u>  | CR                      |         |                                  |



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|--------|---------------------|--|-------------|-------------------------|---------|----------------------------------|
| 1      | 13/4/15             | Defining                                     | <u>II</u>   | LCD                     |         |                                  |
| 1      | 13/4/15             | creating & Access packing                    | <u>III</u>  | LCD                     |         |                                  |
| 5      | 14/4/15             | class path                                   | <u>III</u>  | LCD                     |         |                                  |
| 3      | 15/4/15             | Importing packages                           | <u>III</u>  | LCD                     |         |                                  |
| 3      | 15/4/15             | difference b/w classes<br>& interface        | <u>III</u>  | CR                      |         |                                  |
| 2      | 17/4/15             | Defining interface<br>Implementing interface | <u>III</u>  | CR                      |         |                                  |
| 1      | 20/4/15             | applying interfaces                          | <u>III</u>  | CR                      |         |                                  |
| 5      | 21/4/15             | extending interfaces                         | <u>III</u>  | CR                      |         |                                  |
|        |                     |  |             |                         |         |                                  |
| 3      | 22/4/15             | Exception handling                           | <u>IV</u>   | CR                      |         |                                  |
| 3      | 22/4/15             | Types of exceptions                          | <u>IV</u>   | CR                      |         |                                  |
| 2      | 24/4/15             | usage of try, catch                          | <u>IV</u>   | CR                      |         |                                  |
| 2      | 24/4/15             | throw, throws                                | <u>IV</u>   | CR                      |         |                                  |
| 2      | 24/4/15             | finally keywords                             | <u>IV</u>   | CR                      |         |                                  |
| 1      | 27/4/15             | Built-in-exception                           | <u>IV</u>   | CR                      |         |                                  |
| 5      | 28/4/15             | creating own exceptions                      | <u>IV</u>   | CR                      |         |                                  |
| 3      | 29/4/15             | multithreading                               | <u>IV</u>   | CR                      |         |                                  |
| 3      | 29/4/15             | difference b/w process<br>& thread           | <u>IV</u>   | CR                      |         |                                  |
| 2      | 01/5/15             | thread life cycle                            | <u>IV</u>   | CR                      |         |                                  |
|        |                     |  |             |                         |         |                                  |

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| 1      | 18/5/15             | creating multiple thread                     | <u>IV</u>   | CR                      |         |                                  |
| 1      | 18/5/15             | using thread class<br>Runnable interface     | <u>IV</u>   | CR                      |         |                                  |
| 5      | 19/5/15             | Synchronization                              | <u>IV</u>   | CR                      |         |                                  |
| 3      | 20/5/15             | thread priority                              | <u>IV</u>   | CR                      |         |                                  |
| 2      | 22/5/15             | Interthread Communi-<br>cations              | <u>IV</u>   | CR                      |         |                                  |
| 3      | 27/5/15             | Dead Locks                                   | <u>IV</u>   | CR                      |         |                                  |
|        |                     |  |             |                         |         |                                  |
| 1      | 1/6/15              | Event Handling                               | <u>V</u>    | CR                      |         |                                  |
| 3      | 3/6/15              | Event, Event sources                         | <u>V</u>    | CR                      |         |                                  |
| 3      | 3/6/15              | Event classes                                | <u>V</u>    | CR                      |         |                                  |
| 2      | 5/6/15              | Event listeners                              | <u>V</u>    | CR                      |         |                                  |
| 2      | 5/6/15              | delegation event model                       | <u>V</u>    | CR                      |         |                                  |
| 1      | 8/6/15              | Adapter class                                | <u>V</u>    | CR                      |         |                                  |
| 1      | 8/6/15              | .Mouse & key event                           | <u>V</u>    | CR                      |         |                                  |
| 5      | 9/6/15              | Applets:<br>diff b/w Applet &<br>Application | <u>V</u>    | CR                      |         |                                  |
| 5      | 9/6/15              | diff b/w Applet &<br>Applications            |             |                         |         |                                  |
| 3      | 10/6/15             | life cycle of an applet                      | <u>V</u>    | CR                      |         |                                  |
| 3      | 10/6/15             | types of Applets                             | <u>V</u>    | CR                      |         |                                  |
| 2      | 12/6/15             | passing parameters                           | <u>V</u>    | CR                      |         |                                  |
| 2      | 12/6/15             | Graphic class                                | <u>V</u>    | CR                      |         |                                  |

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