

## INFORMATICS PRACTICES

**CLASS-XI**

**Academic planner-2017-18**

| Date             | No of working days    | Chapter   | Demo./Practicals/Teaching Strategies  |
|------------------|-----------------------|---|---|
| <b>APRIL</b>     |                       |   |   |
| 16-30            | WORKING DAYS-9        | <b>Ch-1 hardware concepts</b><br>Types of computers, Input Output devices<br><b>Ch-2 Software Concepts</b><br>Types of software, Security of system | MCQ BASED , CLASS TEST BASED ON THESE CHAPTERS  |
| <b>MAY</b>       |                       |   |   |
| 1-15             | <b>WORKING DAYS-9</b> | <b>Ch-15 IT Applications</b><br>E-Governance, E-business, E-Learning<br>Limits , advantages, different portals, social impacts                      | PROJECT TO CREATE BASED ON THESE TOPICS<br><br>ASSESEMENT ON THIS PROJECT                 |
| <b>JULY</b>      |                       |   |   |
| 1-15             | WORKING DAYS-12       | Ch-10 DBMS Concepts<br>Ch-14 Table Creation abd Data Manipulation Commands  | DEMO AND PRACTICALS<br>ASSIGNMENT BASED ON QUERIES  |
| 16-31            | WORKING DAYS-13       | Ch-11 Introduction to MYSQL<br>Ch-12 Simple Queries in MYSQL  |   |
| <b>AUGUST</b>    |                       |   |   |
| 1-15             | WORKING DAYS-11       | Ch-13 MYSQL Functions   | ASSIGNMENT BASED ON SQL<br>FUNCTIONS<br>DEMO BASED ACTIVITY<br>UNIT TEST-1                |
| 16-31            | WORKING DAYS 13       | Ch-3 Getting started with Programming using IDE   |   |
| <b>SEPTEMBER</b> |                       |   |   |
| 1-15             | WORKING DAYS-11       | Ch-4 Programming Fundamentals   | PRACTICALS OF JAVA WORKSHOPS<br>HALF YEARLY EXAMINATION<br>ASSIGNMENT OF THEORY QUESTIONS |
| 16-30            | WORKING DAYS-10       | Ch-4 Programming Fundamentals   |   |
| <b>OCTOBER</b>   |                       |   |   |
| 1-15             | WORKING DAYS-9        | Ch-5 Flow of Control  | WORKSHEET BASED ON LOOPS<br>AND CONDITIONAL STATEMENT                                     |
| 16-31            | WORKING DAYS-11       | Ch-5 Flow of Control  |   |
| <b>NOVEMBER</b>  |                       |   |   |
| 1-15             | WORKING DAYS-11       | Ch-6 Java IDE Programming -1  | WORKSHOPS   |
| 16-30            | WORKING DAYS-13       | Ch-6 Java IDE Programming -1  |   |
| <b>DECEMBER</b>  |                       |   |   |
| 1-15             | WORKING DAYS-11       | Ch-7 Java Programming- II   | WORKSHOPS   |
| 16-31            | WORKING DAYS-4        | Ch-8 Java Programming -II   | UNIT TEST-2   |
| <b>JANUARY</b>   |                       |   |   |
| 1-15             | WORKING DAYS -11      | Ch-9 Java IDE programming III<br>Ch-9 Programming Guidelines  | PROJECT BASED ACTIVITY<br>THEORY QUESTIONS  |
| 16-31            | WORKING DAYS -13      |   |   |

FEBURARY

**Submission and assessment of the projects**