

**CLASS XII SUBJECT- INFORMATICS PRACTICES(065)**

**Academic planner-2023-24**

| Date         | working | Chapter   | Demo./Practicals/Teaching Strategies Mode of Assessment   |
|--------------|---------|---|---|
| <b>APRIL</b> |         |   |   |
| Jan-15       | 11      | Unit 4: Societal Impacts  | All the students will give presentation on the topics given under this UNIT. They will be divided in groups and will speak on the topics along with PPT prepared. |
| 16-30        | 11      | Unit-4 will be completed in this month  |   |
| <b>MAY</b>   |         |   |   |
| Jan-22       | 18      | Unit 2: Database Query using SQL<br>Math functions:Text functions:Date,:Agg Fu<br>Querying and manipulating data using Group by,<br>Having,Order BY | Students will complete the practical of MYSQL and will also complete the practical file of all MYSQL  |
| <b>JULY</b>  |         |   |   |
| Jan-15       | 12      | Unit III: Computer Networks<br><br>Complete unit III will be covered in this  | presentation will be done by students regarding each and every topic of Networking  |
| 16-31        | 13      |   |   |
| <b>AUG</b>   |         |   |   |
| Jan-15       | 11      | Unit 1: Data Handling using Pandas -I<br><br>Introduction to Python libraries- Pandas, Ma<br>Data structures in Pandas - Series and Dataf           | Installation of pandas on system<br>Demo of Using Pnadas and mall programs<br>How to import all libraries<br>Various videos will be shown regarding this          |
| <b>SEP</b>   |         |   |   |
| 16-31        | 12      | Practicals of Half yearly will be conducted<br>Half Yearly Examination  | HALF YEARLY EXAMINATION   |
| <b>NOV</b>   |         |   |   |
| Jan-15       | 11      | Series,Dataframe creation Importing/Exporting<br>Data between CSV files<br>and Dataframes   | Many Worksheets ,Demo as well as practicals of CSV file with Dataframe will be conducted.   |
| 16-30        | 12      |   |   |
| <b>OCT</b>   |         |   |   |
| Jan-15       | 8       | Data Visualization Purpose of plotting;<br>Customizing plots: adding label, title, and le   | Conducting Tests<br>Project discussion  |
| 16-31        | 12      |   |   |
| <b>NOV</b>   |         |   |   |
| Jan-15       | 10      | Preboard Examination  | Submission of project<br>and Practical files  |
| 16-30        | 13      |   |   |
| <b>DEC</b>   |         |   |   |
| 1-15         | 11      | Preboard Examination  | Submission of project<br>and Practical files  |
| 16-31        | 13      |   |   |