**WEEKWISE SYLLABUS 2015-16**  
**CLASS : XII (VOCATIONAL)**  
**INFORMATION TECHNOLOGY**  
**SUBJECT: DATA MANAGEMENT APPLICATIONS (795)**

<table>
<thead>
<tr>
<th>THEORY</th>
<th>PRACTICAL</th>
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</table>
| **01.04.2015 to 10.05.2015**  
(FIRST TERM) | **Database Concepts- RDBMS Tools**  
1. Basics of RDBMS  
2. SQL - Creating and opening Databases  
3. Creating and populating tables  
4. Modifying the content and structure of table  
5. Ordering and Grouping  
6. Operating with multiple tables  
**Unit Code: ITDC-401** | **Database Concepts- RDBMS Tools**  
1. SQL - Creating and opening Databases  
2. Creating and populating tables  
3. Modifying the content and structure of table  
4. Ordering and Grouping  
5. Operating with multiple tables |

| **11.05.2015 TO 30.06.2015**  
SUMMER VACATION & JOB TRAINING | **Operating Web Based Applications**  
1. Online Reservation Systems  
2. E - Governance  
3. Online Shopping and Bill payments  
4. Online Tutorials and Tests  
5. Project Management (Web Based Application Development)  
6. Project essentials and tips  
7. Case Study — (Online Game, Online Quiz, Bills Calculator)  
**Unit Code: ITDC-402** | **Operating Web Based Applications**  
1. Online Reservation Systems  
2. E - Governance  
3. Online Shopping and Bill payments  
4. Online Tutorials and Tests  
5. Project Management (Web Based Application Development)  
6. Case Study — (Online Game, Online Quiz, Bills Calculator) |
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<thead>
<tr>
<th>Date Range</th>
<th>Event</th>
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<tbody>
<tr>
<td>14.09.2015 TO 21.09.2015</td>
<td>REVISION</td>
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<tr>
<td>22.09.2015 TO 09.10.2015</td>
<td>FIRST TERMINAL</td>
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<tr>
<td>10.10.2015 TO 30.11.2015</td>
<td>SECOND TERM</td>
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<tr>
<td>19.10.2015 TO 22.10.2015</td>
<td>AUTUMN BREAK</td>
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**Unit Code: ITDC-403**

Fundamentals of JAVA Programming

1. Introduction to java
2. Object oriented programming
3. JAVA language elements
4. Operators, Control Flow, Array, Class design, Threads, Exceptions handling Assertion, Wrapper Class, String Manipulation

**Unit Code: ITDC-404**

Work Integrated learning - DMA

1. Identification of Work Area
2. Work Experience

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<tr>
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<tr>
<td>01.12.2015 TO 19.12.2015</td>
<td>REVISION</td>
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<td>20.12.2015 TO 29.12.2015</td>
<td>MOCK TEST</td>
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<tr>
<td>30.12.2015 TO 15.01.2016</td>
<td>WINTER BREAK</td>
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<tr>
<td>16.01.2016 TO 31.01.2016</td>
<td>PRE-BOARD EXAM</td>
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<tr>
<td>01.02.2016 TO 15.02.2016</td>
<td>ANNUAL PRACTICAL EXAMS AND DISCUSSION OF PRE-BOARD QUESTION PAPER</td>
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<td>MARCH 2016</td>
<td>FINAL EXAM</td>
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