**Lesson Plan**

**Name of the Assistant Professor**- Ms. Kamna Billus

**Subject**- Computer Science & Applications

**Lesson Plan**- 17 Weeks (July-Nov 2018)

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| **Week** | **Date** | **BCA (Vth Sem)****Multimedia Tools** |  **BCom CAV (IIIrd Sem)****Fundamental of DBMS** |  **B.Com(OMSP)(Ist Sem)****Introduction to Computer Application** | **Bsc(Comp.Sc) (Ist Sem)****PC Software** |
| 1 | 16-July-18 |  |  | Introduction toComputers: definition | Basics of Windows. Windows History |
| 17-July-18 |  |  | Components and characteristics of computers | Basic components of windows, icons |
| 18-July-18 |  |  | Input devices | Taskbar, activating windows |
| 19-July-18 | Basic Concept, Definition, Components & Applications of Multimedia; Hypermedia and Multimedia | Introduction To DBMS |  |  |
| 20-July-18 | Multimedia Hardware and Software | Purpose of Database system |  |  |
| 21-July-18 | Multimedia Software Tools; Presentation Tools | Characteristics of database approach,Advantages of DBMS |  |  |
| 22-July-18 | Sunday |
| 2 | 23-July-18 |  |  | Input devices | Using desktop, title bar, running applications |
| 24-July-18 |  |  | output devices | Windows explorer, managing files and folders |
| 25-July-18 |  |  | output devices | Configuring System devices. Control panel |
| 26-July-18 | Multimedia Software Tools; Presentation Tools | Database concept |  |  |
| 27-July-18 | Introduction, Features, Types of Authoring Tools | Architecture |  |  |
| 28-July-18 | Card or Page-Based, Icon-Based, Time-Based, Object-Oriented | Database Languages |  |  |
| 29-July-18 | Sunday |
| 3 | 30-July-18 |  |  | Introduction to modern CPU and processor | Windows accessories |
| 31-July-18 | Shaheedi udham singh’s martyrdom day |
| 1-Aug-18 |  |  | Computer software: introduction | Introduction to Office Automation, Creating & Editing Document |
| 2-Aug-18 | VRML: History, Features | Database Users |  |  |
| 3-Aug-18 | Graphics/Image Data Types | Database Model |  |  |
| 4-Aug-18 | File Formats; Color Models in Images and Video | Network Model  |  |  |
| 5-Aug-18 | Sunday |
| 4 | 6-Aug-18 |  |  | Types of software | Formatting Document |
| 7-Aug-18 |  |  | Programming languages | Auto-text, Autocorrect, Spelling and Grammar Tool, Document Dictionary |
| 8-Aug-18 |  |  | Introduction to operating system: types | Page Formatting |
| 9-Aug-18 | Introduction, Types of Video Signals | Relational Model |  |  |
| 10-Aug-18 | Analog and Digital Video | Keys |  |  |
| 11-Aug-18 | Analog Video Standards:NTSC, PAL, SECA | Normalization |  |  |
| 12-Aug-18 | Sunday |
| 5 | 13-Aug-18 | Haryali teej |
| 14-Aug-18 |  |  | Functions of operating system | Bookmark, Advance Features of MS-Word-Mail Merge |
| 15-Aug-18 | Independence day |
| 16-Aug-18 | Digital Video Standards: Chroma Subsampling | Normalization |  |  |
| 17-Aug-18 | CCIR Standards, HDTV | ER Models |  |  |
| 18-Aug-18 | CCIR Standards, HDTV | ER Models |  |  |
| 19-Aug-18 | Sunday |
| 6 | 20-Aug-18 |  |  | Functions of operating system | Macros, Tables |
| 21-Aug-18 |  |  | Operating systems for tabs | Tables |
| 22-Aug-18 | Id-ul-zuha(bakrid) |
| 23-Aug-18 | Digital Audio: Basic Concepts | Tables |  |  |
| 24-Aug-18 | Analog vs. Digital Audio | Views |  |  |
| 25-Aug-18 | Digitization of Sound; Digital Audio File Formats, MIDI | Materialized views |  |  |
| 26-Aug-18 | Sunday |
| 7 | 27-Aug-18 |  |  | Operating systems for tabs | File Management |
| 28-Aug-18 |  |  | Mobile phones | Printing, Styles |
| 29-Aug-18 |  |  | Android | linking and embedding object |
| 30-Aug-18 | Quantization and Transmission of Audio | Indexes |  |  |
| 31-Aug-18 | Coding of Audio; Pulse Code Modulation | Topic Discussion |  |  |
| 1-Sep-18 | Differential Coding of Audio | Triggers |  |  |
| 2-Sep-18 | Sunday |
| 8 | 3-Sep-18 | Janmashtmi |
| 4-Sep-18 |  |  | Open source software: definition | Introduction to MS-Excel, Creating |
| 5-Sep-18 |  |  | History | Editing Worksheet |
| 6-Sep-18 | Lossless Predictive Coding; DPCM | Triggers |  |  |
| 7-Sep-18 | DM | Procedures and Packages |  |  |
| 8-Sep-18 | ADPCM | Procedures and Packages |  |  |
| 9-Sep-18 | Sunday |
| 9 | 10-Sep-18 |  |  | Principles | Formatting and Essential Operations |
| 11-Sep-18 |  |  | Success and Methodologies | Formulas and Functions |
| 12-Sep-18 |  |  | Success and Methodologies | Charts, Advance features of MS-Excel-Pivot table & Pivot Chart |
| 13-Sep-18 | Introduction, Types of Data Compression | Functions |  |  |
| 14-Sep-18 | Run-Length Coding | Functions |  |  |
| 15-Sep-18 | Run-Length Coding | Create operator |  |  |
| 16-Sep-18 |  | Sunday |  |
| 10 | 17-Sep-18 |  |  | Introduction to google applications | Linking and Consolidation |
| 18-Sep-18 |  |  | Spreadsheets | Excel-Sorting, Filtering |
| 19-Sep-18 |  |  | Word processors | Table |
| 20-Sep-18 | Revision | Create directory |  |  |
| 21-Sep-18 | Variable-Length Coding | Create library |  |  |
| 22-Sep-18 | Variable-Length Coding | Database links |  |  |
| 23-Sep-18 | Sunday |
| 11 | 24-Sep-18 |  |  | Database management software | Validation, Goal Seek, Scenario |
| 25-Sep-18 |  |  | Networks basic | PowerPoint: Presentations, Creating, Manipulating |
| 26-Sep-18 |  |  | Types of networks | PowerPoint: Presentations, Creating, Manipulating |
| 27-Sep-18 | Dictionary-Based Coding, | Methods to access SQL Plan |  |  |
| 28-Sep-18 | Dictionary-Based Coding, | DDL, Describe command |  |  |
| 29-Sep-18 | Transform Coding | DML |  |  |
| 30-Sep-18 | Sunday |
| 12 | 1-Oct-18 |  |  | Topologies | Enhancing Slides |
| 2-Oct-18 | Mahatma gandhi’s jayanti |
| 3-Oct-18 |  |  | Hardware and Software required for networking | Organizational Charts |
| 4-Oct-18 | Transform Coding | Joining Tables |  |  |
| 5-Oct-18 | Image and Video Compression Techniques | Joining Tables |  |  |
| 6-Oct-18 | Image and Video Compression Techniques | Break Clause |  |  |
| 7-Oct-18 | Sunday |
| 13 | 8-Oct-18 |  |  | Introduction of LAN (Local Area Network) and WAN | Excel Charts |
| 9-Oct-18 |  |  | LAN (Local Area Network) and WAN | Word Art, Layering art Objects |
| 10-Oct-18 | Maharaja aggarsen jayanti |
| 11-Oct-18 | JPEG Standard for Image Compression | Oracle Service : Terminology |  |  |
| 12-Oct-18 | JPEG Standard for Image Compression | Architecture |  |  |
| 13-Oct-18 | JPEG Mode | Test |  |  |
| 14-Oct-18 | Sunday |
| 14 | 15-Oct-18 |  |  | Test | Word Art, Layering art Objects |
| 16-Oct-18 |  |  | Concept and evolution of internetWorld Wide Web | Animations and Sounds |
| 17-Oct-18 |  |  | Video Conferencing | Animations and Sounds |
| 18-Oct-18 | Dussehra |
| 19-Oct-18 | Introduction Video Compression TechniquesVideo Compression Techniques | Background support processes |  |  |
| 20-Oct-18 | Test | Background support processes |  |  |
| 21-Oct-18 | Sunday |
| 15 | 22-Oct-18 |  |  | Broadband Networks | Inserting Animated Pictures |
| 23-Oct-18 |  |  | Introduction to html, http, shttp | Accessing through Object |
| 24-Oct-18 | Maharishi valmiki’s birthday |
| 25-Oct-18 | Overview H.261 | Role of Database Administrator |  |  |
| 26-Oct-18 | H.261 | Applications of ORACLE in business |  |  |
| 27-Oct-18 |  H.263 | Applications of ORACLE in business |  |  |
| 28-Oct-18 | Sunday |
| 16 | 29-Oct-18 |  |  | Search Engines | Inserting Recorded Sound Effect |
| 30-Oct-18 |  |  | Social Networking | Inserting Recorded Sound Effect |
| 31-Oct-18 |  |  | Social Networking | In-Built Sound Effect |
| 1-Nov-18 | Haryana day |
| 2-Nov-18 | MPEG | Oracle Revision |  |  |
| 3-Nov-18 | MPEG | Oracle Revision |  |  |
|  | Sunday |
| 17 | 5-Nov-18 |  |  | Email | In-Built Sound Effect |
| 6-Nov-18 | Holiday |
| 7-Nov-18 | Diwali |
| 8-Nov-18 | Holiday |
| 9-Nov-18 | Vishavkarma day |
| 10-Nov-18 | Holiday |
| 11-Nov-18 | Sunday |
| 18 | 12-Nov-18 | Holiday |
| 13-Nov-18 | Holiday |
| 14-Nov-18 |  |  | Email |  |