**Lesson Plan**

**Name of the Assistant Professor**- Ms. Ritu Rani

**Subject**- Computer Science & Applications

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Week** | **Date** | **BCA (IVthSem)**  **Computer Oriented Numerical Methods** | **BCA(1stSem)**  **Logical Organization -I** |
| 1 | 16-July-18 | **-** | **-** |
| 17-July-18 | **-** | **-** |
| 18-July-18 | **-** | **-** |
| 19-July-18 | Floating -Point Representation of Numbers | Introduction to Number Sysytem |
| 20-July-18 | Arithmetic Operations | Conversion from decimal number to binary,Octal,Hexadecimal |
| 21-July-18 | Consequences of Numbers | Conversion of binary,octal,hexadecimal number to decimal number |
| 22-July-18 | Sunday | |
| 2 | 23-July-18 | **-** | **-** |
| 24-July-18 | **-** | **-** |
| 25-July-18 | **-** | **-** |
| 26-July-18 | Significant Figures | Conversion from octal to hexadecimal and vice-versa |
| 27-July-18 | Errors in Numbers | Binary Arithmetic |
| 28-July-18 | BisectionMethods | Binary Arithmetic |
| 29-July-18 | Sunday | |
| 3 | 30-July-18 | - | - |
| 31-July-18 | Shaheediudhamsingh’s martyrdom day | |
| 1-Aug-18 | - | - |
| 2-Aug-18 | RegulaFalsi Method | Floating Point Representation of Numbers |
| 3-Aug-18 | Its order of convergence | Operations on Normalized Numbers |
| 4-Aug-18 | Newton Raphson Method | BCD Codes |
| 5-Aug-18 | Sunday | |
| 4 | 6-Aug-18 | **-** | **-** |
| 7-Aug-18 | **-** | **-** |
| 8-Aug-18 | **-** | **-** |
| 9-Aug-18 | Order of convergence | Excess-3, Self complementary Codes |
| 10-Aug-18 | Revision | Error Correction and Detection code, ASCII code |
| 11-Aug-18 | Assignment 1 | Binary to gray code and vice-versa |
| 12-Aug-18 | Sunday | |
| 5 | 13-Aug-18 | Haryaliteej | |
| 14-Aug-18 | - | - |
| 15-Aug-18 | Independence day | |
| 16-Aug-18 | Gauss Elimination Method | Postulates Of Boolean Algebra |
| 17-Aug-18 | Trianglurization Method | Two valued algebra |
| 18-Aug-18 | Pivoting, Refinement of Solution | Boolean Theorems |
| 19-Aug-18 | Sunday | |
| 6 | 20-Aug-18 | - | - |
| 21-Aug-18 | - | - |
| 22-Aug-18 | Id-ul-zuha(bakrid) | |
| 23-Aug-18 | Gauss Seidal Method | Boolean Functions and Truth tables |
| 24-Aug-18 | Euler Method | SOP,POS |
| 25-Aug-18 | Euler Modified Method | Venn Diagram |
| 26-Aug-18 | Sunday | |
| 7 | 27-Aug-18 | **-** | **-** |
| 28-Aug-18 | **-** | **-** |
| 29-Aug-18 | **-** | **-** |
| 30-Aug-18 | Taylor Series Method | K-Map (3 Variables) |
| 31-Aug-18 | Doubt Session | K-Map(4 Variables) |
| 1-Sep-18 | RungaKutta Method | Don’t Care Condition |
| 2-Sep-18 | Sunday | |
| 8 | 3-Sep-18 | Janmashtmi | |
| 4-Sep-18 | - | - |
| 5-Sep-18 | - | - |
| 6-Sep-18 | RungaKutta Method | Logic Gates |
| 7-Sep-18 | Predictor Method | Universal Gates |
| 8-Sep-18 | Corrector Method | Ex-OR, Ex-NOR Gates |
| 9-Sep-18 | Sunday | |
| 9 | 10-Sep-18 | **-** | **-** |
| 11-Sep-18 | **-** | **-** |
| 12-Sep-18 | **-** | **-** |
| 13-Sep-18 | Gauss Forward method | Introduction to Combinational Circuit, Characteristics |
| 14-Sep-18 | Gauss Backward method | Design Procedure |
| 15-Sep-18 | Everett Method | Half Adder, Full Adder |
| 16-Sep-18 | Sunday | |
| 10 | 17-Sep-18 | **-** | **-** |
| 18-Sep-18 | **-** | **-** |
| 19-Sep-18 | **-** | **-** |
| 20-Sep-18 | Lagrange method | Half Subtractor, Full Subtractor |
| 21-Sep-18 | First kind of Chebyshev Polynomial | Encoder, Decoder |
| 22-Sep-18 | Second kind of Chebyshev Polynomial | Multiplexer |
| 23-Sep-18 | Sunday | |
| 11 | 24-Sep-18 | **-** | **-** |
| 25-Sep-18 | **-** | **-** |
| 26-Sep-18 | **-** | **-** |
| 27-Sep-18 | Orthogonal Properties | Sessional |
| 28-Sep-18 | Pitfall in Differential | DEmultiplexer |
| 29-Sep-18 | Differential Formulae | Assignment |
| 30-Sep-18 | Sunday | |
| 12 | 1-Oct-18 | - | - |
| 2-Oct-18 | Mahatma gandhi’sjayanti | |
| 3-Oct-18 | - | - |
| 4-Oct-18 | Trapezoidal Method | Revision |
| 5-Oct-18 | Simpson’s 1/3 Method | Comparators |
| 6-Oct-18 | Simpson’s ¾ Method | Revision |
| 7-Oct-18 | Sunday | |
| 13 | 8-Oct-18 | - | - |
| 9-Oct-18 | - | - |
| 10-Oct-18 | Maharaja aggarsenjayanti | |
| 11-Oct-18 | Gauss Quadratue Method | Code Convertor |
| 12-Oct-18 | Previous Question Paper | Revision |
| 13-Oct-18 | Sessional | Revision |
| 14-Oct-18 | Sunday | |
| 14 | 15-Oct-18 | **-** | **-** |
| 16-Oct-18 | **-** | **-** |
| 17-Oct-18 | **-** | **-** |
| 18-Oct-18 | Dussehra | |
| 19-Oct-18 | Assignment | Revision |
| 20-Oct-18 | Revision | Revision |
| 21-Oct-18 | Sunday | |
| 15 | 22-Oct-18 | - | - |
| 23-Oct-18 | - | - |
| 24-Oct-18 | Maharishi valmiki’s birthday | |
| 25-Oct-18 | Revision | Previous Question Paper |
| 26-Oct-18 | Revision | Assignment 2 |
| 27-Oct-18 | Revision | Revision |
| 28-Oct-18 | Sunday | |
| 16 | 29-Oct-18 | **-** | **-** |
| 30-Oct-18 | **-** | **-** |
| 31-Oct-18 | **-** | **-** |
| 1-Nov-18 | Haryana day | |
| 2-Nov-18 | Revision | Revision |
| 3-Nov-18 | Revision | Revision |
| 4-Nov-18 | Sunday | |
| 17 | 5-Nov-18 | - | - |
| 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 | Revision | Revision |

**Lesson Plan**

**Name of the Assistant Professor**- Ms. Ritu Rani

**Subject**- Computer Science & Applications

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Week** | **Date** | **BSc(Comp Sc) (VIthSem)**  **Web Designing** | **BSc(CAV)-VIthSem**  **Programming with C++** |
| 1 | 16-July-18 | Introduction to HTML, Document Features | Introduction to Object Oriented Programming |
| 17-July-18 | History of HTML | Difference between Procedure and Object Oriented Programming |
| 18-July-18 | Header, Title, Body | Features of OOP |
| 19-July-18 | **-** | **-** |
| 20-July-18 | **-** | **-** |
| 21-July-18 | **-** | **-** |
| 22-July-18 | Sunday | |
| 2 | 23-July-18 | Text Style Tags | Concepts of OOP(Class, Objects) |
| 24-July-18 | Text Structuring Tags | Encapsulation, Data Abstraction |
| 25-July-18 | Text Colors and Background | Inheritance, Polymorphism |
| 26-July-18 | **-** | **-** |
| 27-July-18 | **-** | **-** |
| 28-July-18 | **-** | **-** |
| 29-July-18 | Sunday | |
| 3 | 30-July-18 | Formatting Text Tags | Structures |
| 31-July-18 | Shaheediudhamsingh’s martyrdom day | |
| 1-Aug-18 | Page Layout | Scope Resolution Operator |
| 2-Aug-18 | **-** | **-** |
| 3-Aug-18 | **-** | **-** |
| 4-Aug-18 | **-** | **-** |
| 5-Aug-18 | Sunday | |
| 4 | 6-Aug-18 | Insertion Of Text | Reference Variable |
| 7-Aug-18 | Movement Of Text | Symbolic Constant |
| 8-Aug-18 | Assignment-1 | Data Members |
| 9-Aug-18 | **-** | **-** |
| 10-Aug-18 | **-** | **-** |
| 11-Aug-18 | **-** | **-** |
| 12-Aug-18 | Sunday | |
| 5 | 13-Aug-18 | Haryaliteej | |
| 14-Aug-18 | Creaking Links | Member Functions |
| 15-Aug-18 | Independence day | |
| 16-Aug-18 | **-** | **-** |
| 17-Aug-18 | **-** | **-** |
| 18-Aug-18 | **-** | **-** |
| 19-Aug-18 | Sunday | |
| 6 | 20-Aug-18 | Ordered and Unordered List | Static Data Member |
| 21-Aug-18 | Images | Static Member Function |
| 22-Aug-18 | Id-ul-zuha(bakrid) | |
| 23-Aug-18 | **-** | **-** |
| 24-Aug-18 | **-** | **-** |
| 25-Aug-18 | **-** | **-** |
| 26-Aug-18 | Sunday | |
| 7 | 27-Aug-18 | Tables | Nested and Local Class |
| 28-Aug-18 | Table Attributies | Accessing Data Member of Structure |
| 29-Aug-18 | Tr td attributes | Constructor |
| 30-Aug-18 | - | **-** |
| 31-Aug-18 | **-** | **-** |
| 1-Sep-18 | **-** | **-** |
| 2-Sep-18 | Sunday | |
| 8 | 3-Sep-18 | Janmashtmi | |
| 4-Sep-18 | Frame Creation | Types of Constructor |
| 5-Sep-18 | Frame Layout | Copy Constructor |
| 6-Sep-18 | **-** | **-** |
| 7-Sep-18 | **-** | **-** |
| 8-Sep-18 | **-** | **-** |
| 9-Sep-18 | Sunday | |
| 9 | 10-Sep-18 | Forms and menus | Constructor Overloading |
| 11-Sep-18 | Working With Buttons | Destructor |
| 12-Sep-18 | Revision | Hierarchy of Stream Classes |
| 13-Sep-18 | **-** | **-** |
| 14-Sep-18 | **-** | **-** |
| 15-Sep-18 | **-** | **-** |
| 16-Sep-18 | Sunday | |
| 10 | 17-Sep-18 | Introduction To Internet | Unformatted I/O Operations |
| 18-Sep-18 | Introduction To WWW | Formatted I/O Operations |
| 19-Sep-18 | Evolution and History | Friend Friend |
| 20-Sep-18 | **-** | **-** |
| 21-Sep-18 | **-** | **-** |
| 22-Sep-18 | **-** | **-** |
| 23-Sep-18 | Sunday | |
| 11 | 24-Sep-18 | Web Browsers | Friend Class |
| 25-Sep-18 | Web Servers | Array of Objects |
| 26-Sep-18 | Hypertext Transfer Protocols, URLs | Passing and returning objects to Function |
| 27-Sep-18 | **-** | **-** |
| 28-Sep-18 | **-** | **-** |
| 29-Sep-18 | **-** | **-** |
| 30-Sep-18 | Sunday | |
| 12 | 1-Oct-18 | Searching and Web Casting Techniues | String Handling in C++ |
| 2-Oct-18 | Mahatma gandhi’sjayanti | |
| 3-Oct-18 | Search Engine and Search Tools | Pointers, Array of Pointers to objects |
| 4-Oct-18 | **-** | **-** |
| 5-Oct-18 | **-** | **-** |
| 6-Oct-18 | **-** | **-** |
| 7-Oct-18 | Sunday | |
| 13 | 8-Oct-18 | Steps for Developing Website | New, delete Pointer |
| 9-Oct-18 | Choosing the Contents, Home Page | This Pointer |
| 10-Oct-18 | Maharaja aggarsenjayanti | |
| 11-Oct-18 | **-** | **-** |
| 12-Oct-18 | **-** | **-** |
| 13-Oct-18 | **-** | **-** |
| 14-Oct-18 | Sunday | |
| 14 | 15-Oct-18 | Domain Name | Passing Parameter to functions by reference and Pointer |
| 16-Oct-18 | Internet Service Providers | Operators in C++ |
| 17-Oct-18 | Revision | Precedence and associativity rules |
| 18-Oct-18 | Dussehra | |
| 19-Oct-18 | - | - |
| 20-Oct-18 | - | - |
| 21-Oct-18 | Sunday | |
| 15 | 22-Oct-18 | Creating aWebsite | Operator Overloading |
| 23-Oct-18 | Web Publishing | Operator Overloading |
| 24-Oct-18 | Maharishi valmiki’s birthday | |
| 25-Oct-18 | **-** | **-** |
| 26-Oct-18 | **-** | **-** |
| 27-Oct-18 | **-** | **-** |
| 28-Oct-18 | Sunday | |
| 16 | 29-Oct-18 | Hosting Site | Function Overloading, Polymorphism |
| 30-Oct-18 | Revision | Revision |
| 31-Oct-18 | Revision | Revision |
| 1-Nov-18 | Haryana day | |
| 2-Nov-18 | - | - |
| 3-Nov-18 | - | - |
| 4-Nov-18 | Sunday | |
| 17 | 5-Nov-18 | Revision | Revision |
| 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 | Revision | Revision |

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| **Week** | **Date** | **BCA (VIthSem)**  **Web Designing** |  |
| 1 | 16-July-18 | **-** | **-** |
| 17-July-18 | **-** | **-** |
| 18-July-18 | **-** | **-** |
| 19-July-18 | Introduction to HTML, Document Features |  |
| 20-July-18 | History of HTML |  |
| 21-July-18 | Header, Title, Body |  |
| 22-July-18 | Sunday | |
| 2 | 23-July-18 | **-** | **-** |
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| 25-July-18 | **-** | **-** |
| 26-July-18 | Text Style Tags |  |
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| 31-July-18 | Shaheediudhamsingh’s martyrdom day | |
| 1-Aug-18 | - | - |
| 2-Aug-18 | Formatting Text Tags |  |
| 3-Aug-18 | Page Layout |  |
| 4-Aug-18 | Revision |  |
| 5-Aug-18 | Sunday | |
| 4 | 6-Aug-18 | **-** | **-** |
| 7-Aug-18 | **-** | **-** |
| 8-Aug-18 | **-** | **-** |
| 9-Aug-18 | Insertion Of Text |  |
| 10-Aug-18 | Movement Of Text |  |
| 11-Aug-18 | Assignment-1 |  |
| 12-Aug-18 | Sunday | |
| 5 | 13-Aug-18 | Haryaliteej | |
| 14-Aug-18 | - | - |
| 15-Aug-18 | Independence day | |
| 16-Aug-18 | Creaking Links |  |
| 17-Aug-18 | Ordered and Unordered List |  |
| 18-Aug-18 | Images |  |
| 19-Aug-18 | Sunday | |
| 6 | 20-Aug-18 | - | - |
| 21-Aug-18 | - | - |
| 22-Aug-18 | Id-ul-zuha(bakrid) | |
| 23-Aug-18 | Tables |  |
| 24-Aug-18 | Table Attributies |  |
| 25-Aug-18 | Tr td attributes |  |
| 26-Aug-18 | Sunday | |
| 7 | 27-Aug-18 | **-** | **-** |
| 28-Aug-18 | **-** | **-** |
| 29-Aug-18 | **-** | **-** |
| 30-Aug-18 | Frame Creation |  |
| 31-Aug-18 | Frame Layout |  |
| 1-Sep-18 | Revision |  |
| 2-Sep-18 | Sunday | |
| 8 | 3-Sep-18 | Janmashtmi | |
| 4-Sep-18 | - | - |
| 5-Sep-18 | - | - |
| 6-Sep-18 | Forms and menus |  |
| 7-Sep-18 | Working With Buttons |  |
| 8-Sep-18 | Revision |  |
| 9-Sep-18 | Sunday | |
| 9 | 10-Sep-18 | **-** | **-** |
| 11-Sep-18 | **-** | **-** |
| 12-Sep-18 | **-** | **-** |
| 13-Sep-18 | Introduction To Internet |  |
| 14-Sep-18 | Introduction To WWW |  |
| 15-Sep-18 | Evolution and History |  |
| 16-Sep-18 | Sunday | |
| 10 | 17-Sep-18 | **-** | **-** |
| 18-Sep-18 | **-** | **-** |
| 19-Sep-18 | **-** | **-** |
| 20-Sep-18 | Web Browsers |  |
| 21-Sep-18 | Web Servers |  |
| 22-Sep-18 | Hypertext Transfer Protocols, URLs |  |
| 23-Sep-18 | Sunday | |
| 11 | 24-Sep-18 | **-** | **-** |
| 25-Sep-18 | **-** | **-** |
| 26-Sep-18 | **-** | **-** |
| 27-Sep-18 | Searching and Web Casting Techniues |  |
| 28-Sep-18 | Steps for Developing Website |  |
| 29-Sep-18 | Choosing the Contents, Home Page |  |
| 30-Sep-18 | Sunday | |
| 12 | 1-Oct-18 | - | - |
| 2-Oct-18 | Mahatma gandhi’sjayanti | |
| 3-Oct-18 | - | - |
| 4-Oct-18 | Domain Name |  |
| 5-Oct-18 | Internet Service Providers |  |
| 6-Oct-18 | Revision |  |
| 7-Oct-18 | Sunday | |
| 13 | 8-Oct-18 | - | - |
| 9-Oct-18 | - | - |
| 10-Oct-18 | Maharaja aggarsenjayanti | |
| 11-Oct-18 | Creating aWebsite |  |
| 12-Oct-18 | Web Publishing |  |
| 13-Oct-18 | Search Engine and Search Tools |  |
| 14-Oct-18 | Sunday | |
| 14 | 15-Oct-18 | **-** | **-** |
| 16-Oct-18 | **-** | **-** |
| 17-Oct-18 | **-** | **-** |
| 18-Oct-18 | Dussehra | |
| 19-Oct-18 | Hosting Site |  |
| 20-Oct-18 | Previous Question Paper |  |
| 21-Oct-18 | Sunday | |
| 15 | 22-Oct-18 | - | - |
| 23-Oct-18 | - | - |
| 24-Oct-18 | Maharishi valmiki’s birthday | |
| 25-Oct-18 | Revision |  |
| 26-Oct-18 | Revision |  |
| 27-Oct-18 | Revision |  |
| 28-Oct-18 | Sunday | |
| 16 | 29-Oct-18 | **-** | **-** |
| 30-Oct-18 | **-** | **-** |
| 31-Oct-18 | **-** | **-** |
| 1-Nov-18 | Haryana day | |
| 2-Nov-18 | Revision |  |
| 3-Nov-18 | Revision |  |
| 4-Nov-18 | Sunday | |
| 17 | 5-Nov-18 | - | - |
| 6-Nov-18 | Holiday | |
| 7-Nov-18 | Diwali | |
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| 14-Nov-18 | Revision |  |