

**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
**Faculty of Information Technology**

**Structured Work Plan for Teaching**

Academic Year (2018 - 2019)

( 22-June-2018 TO 03-Nov-2018 )

**1. Details of Classes to be taught**

| Sr. No. | Class                  | Name of Asst. Prof. | Course Title | Course Code                  | Practical Paper Code         | Total Teaching Hours |
|---------|------------------------|---------------------|--------------|------------------------------|------------------------------|----------------------|
| 1       | B.Sc.(C.S.) T.Y. V Sem | Prof. B.S.Gorde     | Linux O.S.   | U-LOS-588<br>Total Credit: 3 | U-LAC-592<br>Total Credit: 2 | TH: 59<br>PR: 15     |
| 2       | B.A.T.Y. V Sem         |                     | Linux O.S    | Paper NO- X                  | -                            | TH: 43               |

**2. Summary of Lesson Plan**

**Name of Teacher: B.S.Gorde**

**Class : B.Sc.(C.S.) T.Y. V Sem**

**Teaching Hours: 59**

| Sr. No. | Course Title and Course Code | Unit and Chapter to be covered | Date |    | No. of Lectures | Academic activities to be organized | No. of Test / Assignment with topic |
|---------|------------------------------|--------------------------------|------|----|-----------------|-------------------------------------|-------------------------------------|
|         |                              |                                | FROM | TO |                 |                                     |                                     |

|   |                        |   |            |            |    |                           |  |
|---|------------------------|---|------------|------------|----|---------------------------|--|
| 1 | Linux O.S<br>U-LOS-588 | <b>UNIT I :</b><br><br><b>Introduction to linux file system and devices</b><br><br>History of Unix, Directory structure of Linux, History of Linux, Comparison of various operating systems, Advantages of Linux, Flavors of Linux, Installation notes, Linux Loader, Linux kernel, linuxfilesystem | 02-07-2018 | 16-07-2018 | 12 | Revision on O.S. concepts | Linux installation   |
| 2 |                        | <b>UNIT-II</b><br><br><b>Linux commands and file permissions</b><br><br>-general purpose commands<br><br><b>-file related commands</b><br><br>-filter related commands<br><br>-directory related commands<br><br>-printer related commands  | 18-07-2018 | 04-08-2018 | 14 | Revision on Chp1          | Assignment on creating file and assign permissions to file |

|          |                        |  |            |            |    |               |           |
|----------|------------------------|--|------------|------------|----|---------------|-----------|
|          |                        | <ul style="list-style-type: none"> <li>-file permissions</li> <li>-directory permissions</li> <li>-text editors</li> <li>-system services</li> </ul>   |            |            |    |               |           |
| <b>3</b> |                        | <p>UNIT-III</p> <p><b>System administration</b></p> <ul style="list-style-type: none"> <li>-performing system maintenance</li> <li>-communication commands</li> <li>-managing softwares with RPM</li> <li>-managing users,groups and others</li> </ul> | 16-08-2018 | 11-09-2018 | 20 | Class Seminar | Oral exam |
| <b>4</b> | Linux O.S<br>U-LOS-588 | <p>UNIT-IV</p> <p><b>Backup Strategies and network configuration</b></p>   |            |            |    |               |           |

|  |  |  |            |            |    |            |                                       |
|--|--|--|------------|------------|----|------------|---------------------------------------|
|  |  | <ul style="list-style-type: none"><li>-Network configuration tools</li><li>-DHCP protocol</li><li>-Network File System</li><li>-Introduction to samba</li><li>-DNS and apache web server</li></ul> | 12-09-2018 | 06-10-2018 | 13 | Class test | Installation of DHCP and Samba server |
|--|--|--|------------|------------|----|------------|---------------------------------------|

Name of Teacher: B. S. Gorde

Class : B.A.T.Y V Sem

Teaching Hours: 43

| Sr. No. | Course Title and Course Code | Unit and Chapter to be covered   | Date       |            | No. of Lectures | Academic activities to be organized | No. of Test / Assignment with topic |
|---------|------------------------------|--|------------|------------|-----------------|-------------------------------------|-------------------------------------|
|         |                              |  | FROM       | TO         |                 |                                     |                                     |
| 1       | Linux O.S.(Paper No-X)       | <b>UNIT-I</b><br><br><b>Introduction to linux O.S.</b><br><br>History of Unix, Directory structure of Linux,History of Linux,Comparison of various operating systems, Advantages of Linux, Flavors of Linux, Installation notes, Linux Loader, Linux kernel, linuxfilesystem | 02-07-2018 | 19-07-2018 | 12              | Seminars                            | Installation of linux               |
| 2       |                              | <b>UNIT-II</b><br><br><b>Linux commands</b><br><br><b>-file management commands</b><br><br>-filter related commands  | 24-07-2018 | 06-08-2018 | 08              | Revision on Chp1                    | Oral Exam                           |

|          |                        |  |            |            |    |            |   |
|----------|------------------------|--|------------|------------|----|------------|---|
|          |                        | -directory related commands<br>-printer related commands<br>-file permissions<br>-directory permissions<br>-general purpose commands   |            |            |    |            |   |
| <b>3</b> |                        | UNIT-III<br><b>Checking Permissions</b><br>-checking permissions<br>-checking related commands<br>-compression related commands<br>-zip.unzip,gzip,gunzip<br>-printer related commands | 16-08-2018 | 10-09-2018 | 13 | Class Test | Assignment on<br><b>Permissions of file and directory</b> |
| <b>4</b> | Linux O.S.(Paper No-X) | UNIT-IV<br><b>System administration</b>  |            |            |    |            |   |

|  |  |   |            |            |    |                  |                                      |
|--|--|---|------------|------------|----|------------------|--------------------------------------|
|  |  | <ul style="list-style-type: none"><li>-performing system maintenance</li><li>-communication commands</li><li>-managing softwares with RPM</li><li>-managing users,groups and others</li><li>-write,wall,talk,prelogin message</li></ul> | 11-09-2018 | 06-10-2018 | 10 | Group discussion | Assignment on communication commands |
|--|--|---|------------|------------|----|------------------|--------------------------------------|

**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
**Faculty of Information Technology**

**Structured Work Plan for Teaching**

Academic Year (2018 - 2019)

( 29-Nov-2018 TO 30-April-2019 )

**1. Details of Classes to be taught**

| Sr. No. | Class                   | Name of Asst. Prof. | Course Title | Course Code                  | Practical Paper Code         | Total Teaching Hours |
|---------|-------------------------|---------------------|--------------|------------------------------|------------------------------|----------------------|
| 1       | B.Sc. T.Y. VI Sem       | Prof. B. S. Gorde   | ASP.Net      | U-COS-649<br>Total Credit: 3 | U-LAC-651<br>Total Credit: 2 | TH: 43<br>PR: 10     |
| 2       | B.Sc.(C.S.) T.Y. VI Sem |                     | Advance Java | U-ADJ-690<br>Total Credit: 3 | U-LAC-694<br>Total Credit: 2 | TH: 85<br>PR: 15     |
| 3       | B.A.T.Y. VI Sem         |                     | VB 6.0       | Paper -XII                   | -                            | TH: 40               |

**2. Summary of Lesson Plan**

**Name of Teacher: B. S. Gorde**

**Class : B.Sc. T.Y. VI Sem**

**Teaching Hours: 43**

| Sr. No. | Course Title and Course Code | Unit and Chapter to be covered                   | Date |    | No. of Lectures | Academic activities to be organized | No. of Test / Assignment with topic |
|---------|------------------------------|--|------|----|-----------------|-------------------------------------|-------------------------------------|
|         |                              |  | FROM | TO |                 |                                     |                                     |
| 1       | ASP.Net<br>U-COS-649         | <b>UNIT-I</b><br><b>Html and .Net Technology</b> |      |    |                 |                                     |                                     |



|   |                      |  |            |            |    |                           |  |
|---|----------------------|--|------------|------------|----|---------------------------|--|
|   |                      | <ul style="list-style-type: none"> <li>-Rules and guidelines of html</li> <li>-Html structure</li> <li>Table tag</li> <li>-.Net framework</li> </ul>   | 29-11-2018 | 19-12-2018 | 09 | Revision on html concepts | Installation of visual studio                      |
| 2 | ASP.Net<br>U-COS-649 | <b>UNIT-II</b><br><b>Introduction to asp.net and working</b> <ul style="list-style-type: none"> <li>-Features of ASP.net</li> <li>-Web page life cycle</li> <li>-Server controls</li> <li>-IIS manager</li> <li>-State management</li> </ul>             | 21-12-2018 | 19-01-2019 | 13 | Class Seminar             | Oral Exam  |
| 3 |                      | <b>UNIT-III</b><br><b>Creating User Interface</b> <ul style="list-style-type: none"> <li>-Creating ASP.net application project</li> <li>-Validating data using Server side controls</li> <li>-Building and using menus</li> <li>-Master pages</li> </ul> | 31-01-2019 | 23-02-2019 | 12 | Class test                | Program Assignment on creating asp.net application |
| 4 |                      | <b>UNIT-IV</b>   |            |            |    |                           |  |

|  |  |  |            |            |    |                  |                                |
|--|--|--|------------|------------|----|------------------|--------------------------------|
|  |  | <b>ADO.Net &amp; Database Oriented Application</b><br>-Difference between ADO and ADO.Net<br>-Data Provider<br>-Dataset<br>-Data Reader<br>-Data Adapter<br>-Grid view Control<br>-Operation on Database | 28-02-2019 | 21-03-2019 | 09 | Group Discussion | Assignment on Gridview control |
|--|--|--|------------|------------|----|------------------|--------------------------------|

Name of Teacher: B. S. Gorde

Class : B.Sc.(C.S.) T.Y. VI Sem

Teaching Hours: 85

| Sr. No. | Course Title and Course Code | Unit and Chapter to be covered   | Date           |                | No. of Lectures | Academic activities to be organized | No. of Test / Assignment with topic                                |
|---------|------------------------------|--|----------------|----------------|-----------------|-------------------------------------|--|
|         |                              |  | FROM           | TO             |                 |                                     |  |
| 1       | Advance Java<br>U-ADJ-690    | UNIT-I<br>1. Introduction to AWT:<br>Working with windows, Graphics<br>Text<br>1.1AWT Classes 1.2Windows<br>Fundamentals 1.3Working with<br>Frame window 1.4Working with<br>Graphics 1.5Working with Colors<br>& Fonts | 29-11-<br>2018 | 09-12-<br>2018 | 10              | Revision on core java<br>concepts   | Programming<br>assignment on<br>awt<br>components                  |
| 2       |                              | UNIT-I<br>2. Swing Components<br>2.1 Icons & Labels Button &<br>Label, TextField & Buttons<br>2.2 CheckBoxes, Radio buttons<br>2.3 Combo Box & Lists<br>2.4 Scroll panes<br>2.5 Trees<br>2.6 Tables                    | 10-12-<br>2018 | 19-12-<br>2018 | 09              | Seminar on swing<br>components      | Assignment to<br>design login<br>form using<br>swing<br>components |

|          |                           |   |                |                |    |                                   |   |
|----------|---------------------------|---|----------------|----------------|----|-----------------------------------|---|
|          |                           | 2.7 Menu Bars & Menus   |                |                |    |                                   |   |
| <b>3</b> | Advance Java<br>U-ADJ-690 | UNIT-II<br>Chp.3. Networking<br>3.1 The java.net package<br>3.2 Connection oriented<br>transmission – Stream Socket<br>Class<br>3.3 Creating a Socket to a<br>remote host on a port (creating<br>TCP client and server)<br>3.4 Simple Socket Program<br>Example<br>3.5 Programs on chatting 1-1 . | 21-12-<br>2018 | 31-12-<br>2018 | 09 | Creating tcp client<br>and server | Assignment to<br>design chatting<br>application |
| <b>4</b> |                           | UNIT-II<br>Chp.4. JDBC<br>4.1 The design of JDBC<br>4.2 Basic JDBC Concept<br>4.3 Drivers<br>4.4 Making the Connection,<br>Statement<br>4.5 Executing SQL commands  | 01-01-<br>2019 | 19-01-<br>2019 | 15 | Revision on chapter 4             | Oral exam                                       |

|   |                           |   |                |                |    |                     |  |
|---|---------------------------|---|----------------|----------------|----|---------------------|--|
|   | Advance Java<br>U-ADJ-690 | 4.6 Executing queries<br>4.7 Scrollable and updatable<br>result sets<br>4.8 Metadata, transactions  |                |                |    |                     |  |
| 5 |                           | UNIT-III<br>Chp 5. Servlet<br>5.1 Introduction<br>5.2 Life cycle of servlet<br>5.3 Handling HTTP Get Request<br>5.4 Handling HTTP Post Request  | 29-01-<br>2019 | 10-02-<br>2019 | 11 | Class Seminar       | Oral Exam upto<br>Chp4                             |
| 6 |                           | UNIT-III<br>Chp 6. Introduction to JSP<br>6.1 Getting Familiar with JSP<br>Server<br>6.2 First JSP<br>6.3 Adding Dynamic contents<br>via expressions<br>6.4 Scriptlets, Mixing Scriptlets<br>and HTML<br>6.5 Directives, Declaration, Tags<br>and Session | 11-02-<br>2019 | 25-02-<br>2019 | 12 | Seminar on jsp tags | Assignment to<br>develop simple<br>jsp application |
| 7 |                           | UNIT-IV   |                |                |    |                     |  |

|  |  |  |            |            |    |   |  |
|--|--|--|------------|------------|----|---|--|
|  |  | Chp.7. Introduction to Java Beans & Hibernate<br>7.1 What is bean<br>7.2 Advantages<br>7.3 The bean-writing process<br>7.4 Introduction to jar and manifest files<br>7.5 The java beans API<br>7.6 Overview Of hibernate<br>7.7 Hibernate Architecture | 26-02-2019 | 21-03-2019 | 19 | Group discussion on java bean and hibernate | Assignment to develop simple java bean application |
|  |  |  |            |            |    |   |  |

**Name of Teacher: B. S. Gorde**

**Class : B.A. T.Y. VI Sem**

**Teaching Hours: 40**

| Sr. No. | Course Title and Course Code | Unit and Chapter to be covered  | Date |    | No. of Lectures | Academic activities to be organized | No. of Test / Assignment with topic |
|---------|------------------------------|---|------|----|-----------------|-------------------------------------|-------------------------------------|
|         |                              |   | FROM | TO |                 |                                     |                                     |
| 1       | VB 6.0 (XII)                 | <b>UNIT-I</b><br><b>Introduction to Windows</b><br>-what is windows<br>-elements of windows |      |    |                 |                                     |                                     |

|          |              |  |            |            |    |                            |   |
|----------|--------------|--|------------|------------|----|----------------------------|---|
|          |              | -control panel<br>-Study of important files of windows   | 03-12-2018 | 18-12-2018 | 08 | Revision on basic concepts | Installation of visual studio                 |
| <b>2</b> | VB 6.0 (XII) | <b>UNIT-II</b><br><b>VB IDE</b><br>-VB IDE Introduction<br>-Menu bar<br>-Tool Bar<br>-property window<br>-tool box<br>-form layout window<br>-Immediate window<br>-project types | 24-12-2018 | 16-01-2019 | 11 | Class Seminar              | Oral Exam                                     |
| <b>3</b> |              | <b>UNIT-III</b><br><b>VB the language</b><br>-Datatypes<br>-keywords<br>-Variables<br>-constants<br>-operators<br>-Array   | 29-01-2019 | 25-02-2019 | 11 | Class test                 | Program Assignment on input output statements |

|          |  |   |            |            |    |                  |                                  |
|----------|--|---|------------|------------|----|------------------|----------------------------------|
|          |  | <ul style="list-style-type: none"> <li>-i/o statements</li> <li>-procedures</li> <li>-looping statements</li> <li>-control statements</li> <li>-select case statements</li> </ul>   |            |            |    |                  |                                  |
| <b>4</b> |  | <b>UNIT-IV</b><br><b>Working with Forms</b><br><ul style="list-style-type: none"> <li>-The anatomy of forms</li> <li>-properties</li> <li>-events</li> <li>-methods</li> <li>-creating MDI forms</li> <li>-Designing menus and menu editor</li> </ul> | 26-02-2019 | 20-03-2019 | 10 | Group Discussion | Assignment on creating mdi forms |