Online Laboratory Audit Report (FH 2021)

**Lab 11 A Date: 20-02-21**

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| Subject Name: | | Big Data Analysis |
| Sr No | Parameter | Remarks |
| 1 | List of Tools/Software specified for subject in Online Mode. | * Virtual Box ,Cloud Era , Anaconda |
| 2 | Preparedness for students with lack of required Infrastructure. | Online simulation software provided, Limited Students called in College for live demo in Lab |
| 3 | Lab manual of the subject. | Yes |
| 4 | Preparation of video repository for lab (self-prepared /expert -videos available online). | In progress |
| 5 | Link to lab repositories by other Experts / Universities | In progress |
| 6 | Any best practices implemented by faculty members worth mentioning. | Online simulation software live demo and remote laptop Anydesk applications |

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| Subject Name: | | Software Design Lab |
| Sr No | Parameter | Remarks |
| 1 | List of Tools/Software specified for subject in Online Mode. | Umbrello, JDK 8 |
| 2 | Preparedness for students with lack of required Infrastructure. | Online simulation software provided, Limited Students called in College for live demo in Lab |
| 3 | Lab manual of the subject. | Yes |
| 4 | Preparation of video repository for lab (self-prepared /expert -videos available online). | In progress |
| 5 | Link to lab repositories by other Experts / Universities | In progress |
| 6 | Any best practices implemented by faculty members worth mentioning. | Online simulation software live demo and Case studies discussion |

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| Subject Name: | | Business Intelligent |
| Sr No | Parameter | Remarks |
| 1 | List of Tools/Software specified for subject in Online Mode. | RapidMiner , Weka |
|  | Preparedness for students with lack of required Infrastructure. | Online simulation software provided, Limited Students called in College for live demo in Lab |
| 3 | Lab manual of the subject. | Yes |
| 4 | Preparation of video repository for lab (self-prepared /expert -videos available online). | In progress |
| 5 | Link to lab repositories by other Experts / Universities | In progress |
| 6 | Any best practices implemented by faculty members worth mentioning. | Online simulation software live demo and remote laptop Anydesk applications, Case studies discussion |

**Lab 11 B**

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| Subject Name: | | Cloud Computing Services |
| Sr No | Parameter | Remarks |
| 1 | List of Tools/Software specified for subject in Online Mode. | Virtual Box,Ubuntu 18.04  - Ubuntu-Network  - Xen ISO, Windos ISO |
| 2 | Preparedness for students with lack of required Infrastructure. | Online simulation software provided, Limited Students called in College for live demo in Lab |
| 3 | Lab manual of the subject. | Yes |
| 4 | Preparation of video repository for lab (self-prepared /expert -videos available online). | In progress |
| 5 | Link to lab repositories by other Experts / Universities | In progress |
| 6 | Any best practices implemented by faculty members worth mentioning. | Online simulation software live demo and remote laptop Anydesk applications, Case studies discussion |

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| Subject Name: | | Devops Lab |
| Sr No | Parameter | Remarks |
| 1 | List of Tools/Software specified for subject in Online Mode. | Ubuntu 18.04  - Ubuntu-Network |
| 2 | Preparedness for students with lack of required Infrastructure. | Online simulation software provided, Limited Students called in College for live demo in Lab |
| 3 | Lab manual of the subject. | Yes |
| 4 | Preparation of video repository for lab (self-prepared /expert -videos available online). | In progress |
| 5 | Link to lab repositories by other Experts / Universities | In progress |
| 6 | Any best practices implemented by faculty members worth mentioning. | Online programing software live demo and applications. |

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| Subject Name: | | R-programming |
| Sr No | Parameter | Remarks |
| 1 | List of Tools/Software specified for subject in Online Mode. | RStudio• RStatistics |
| 2 | Preparedness for students with lack of required Infrastructure. | Online simulation software provided, Limited Students called in College for live demo in Lab |
| 3 | Lab manual of the subject. | Yes |
| 4 | Preparation of video repository for lab (self-prepared /expert -videos available online). | In progress |
| 5 | Link to lab repositories by other Experts / Universities | In progress |
| 6 | Any best practices implemented by faculty members worth mentioning. | Online programing software live demo and applications. |