

PRADEEP

KHENTAWAS, FARRUKHNAGAR, GURGAON, HR

Department: COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Academic Session: 2017-18 (Jan-June 2018)

Lesson Plan for the Semester started w.e.f 08.01.2018

Subject with code:SPSA (IT-303-F)

Name of Faculty with designation : Mr. Vinod Kumar (Asstt. Professor)

| Month | Date & Day | Sem-Class | Unit | Topic/Chapter covered | Academic activity | Test / assignment |
|--------------|-----------------------|------------------|-------------|--|--------------------------|------------------------------|
| January | 08.01.2018 Monday | VI-CSIT | 1 | Evolution of Components Systems Programming | | Assignment of 02 Ques. given |
| January | 10.01.2018 Wednesday | VI-CSIT | 1 | Loaders ,Linkers, Macro & compilers | | Assignment of 02 Ques. given |
| January | 15.01.2018 Monday | VI-CSIT | 1 | Software Tools,text editors, Interpreters | | Assignment of 02 Ques. given |
| January | 17.01.2018 Wednesday | VI-CSIT | 1 | Debug monitors, Programming environment | | Assignment of 02 Ques. given |
| January | 22.01.2018 Monday | VI-CSIT | 1 | Brief overview of compilation process, incremental compiler | | Assignment of 02 Ques. given |
| January | 24.01.2018 Wednesday | VI-CSIT | 1 | Design an assembler, Pass-I & Pass -II Assembler | | Assignment of 02 Ques. given |
| January | 29.01.2018 Monday | VI-CSIT | 1 | Symbol table, loader types, subroutine linkage, Binders, Linking loader, overlays | | Assignment of 02 Ques. given |
| January | 31.01.2018 Wednesday | VI-CSIT | 2 | Macro language, macro processor, Features of macro facility | | Assignment of 02 Ques. given |
| February | 05.02.2018 Monday | VI-CSIT | 2 | Conditional macro expansion,macro call with in macro | | Assignment of 02 Ques. given |
| February | 07.02.2018 Wednesday | VI-CSIT | 2 | Theoretical Concept of UNIX Operating System | | Assignment of 02 Ques. given |
| February | 19.02.2018 Monday | VI-CSIT | 2 | File structure: CPU scheduling; Memory management | | Assignment of 02 Ques. given |
| February | 21.02.2018 Wednesday | VI-CSIT | 2 | swapping, demand paging; file system: block and fragments, inodes, directory structure | | Assignment of 02 Ques. given |

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|----------|----------------------|-----------|------|--|-------------------|------------------------------|
| February | 26.02.2018 Monday | VI-CSIT | 3 | Unix user names and groups,unix documentation,Important unix commands | | Assignment of 02 Ques. given |
| February | 28.02.2018 Wednesday | VI-CSIT | 3 | File permissions in unix,filter and pipelines,VI-editor,Inspecting files,File statistics | | Assignment of 02 Ques. given |
| March | 05.03.2018 Monday | VI-CSIT | 3 | Searching for pattern,Comparing files,operation on files,printing files | | Assignment of 02 Ques. given |
| March | 07.03.2018 Wednesday | VI-CSIT | 3 | Rearranging files,sorting files,splitting files | | Assignment of 02 Ques. given |
| March | 12.03.2018 Monday | VI-CSIT | 3 | Translating character,AWK utility | | Assignment of 02 Ques. given |
| March | 14.03.2018 Wednesday | VI-CSIT | 4 | Shell programming,Wild cards | | Assignment of 02 Ques. given |
| March | 26.03.2018 Monday | VI-CSIT | 4 | Shell variables,shell keywords | | Assignment of 02 Ques. given |
| March | 28.03.2018 Wednesday | VI-CSIT | 4 | Interactive shell scripts,advanced shell features | | Assignment of 02 Ques. given |
| April | 02.04.2018 Monday | VI-CSIT | 4 | Arrays,conditions,loops, Shell programs on leap year, temperature | | Assignment of 02 Ques. given |
| April | 04.04.2018 Wednesday | VI-CSIT | 4 | System administration,Booting the system, Maintaining user accounts | | Assignment of 02 Ques. given |
| April | 09.04.2018 Monday | VI-CSIT | 4 | File system,Special files,Back ups and restoration | | Assignment of 02 Ques. given |
| April | 11.04.2018 Wednesday | VI-CSIT | 4 | Role and function of system manager,Overview of linux operating system | | Assignment of 02 Ques. given |