**Lesson Plan**

**Name of faculty :** Saravjit Chahal

**Discipline :** Computer Engineering

**Semester :** 6

**Subject :** Distributed Computing

**Lesson Plan Duration :** 15 Weeks (from January, 2019 to April, 2019)

**Work Load(Lecture/ Practical) per week (in hours):** Lectures-03, Practicals – **Nil**

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| **Week** | **Theory** | |
| **Lecture day** | **Topic**  **(including assignment /**  **test)** |
| 1st | 1st | Overview of Cloud Computing |
| 2nd | Overview of Cloud Computing |
| 3rd | Overview of Cloud Computing |
| 2nd | 4th | Characteristics of Cloud Computing |
| 5th | Characteristics of Cloud Computing |
| 6th | Advantages of Cloud Computing |
| 3rd | 7th | Advantages of Cloud Computing |
| 8th | Challenges of Cloud Computing |
| 9th | Challenges of Cloud Computing |
| 4th | 10th | Applications of Cloud Computing |
| 11th | Applications of Cloud Computing |
| 12th | Saas Service Model |
| 5th | 13th | Saas Service Model |
| 14th | Paas Service Model |
| 15th | Paas Service Model |
| 6th | 16th | Iaas Service Model |
| 17th | Private Cloud Deployment Model |
| 18th | Private Cloud Deployment Model |
| 7th | 19th | Public Cloud Deployment Model |
| 20th | Public Cloud Deployment Model |
| 21st | Hybrid Cloud Deployment Model |
| 8th | 22nd | Community Cloud Deployment Model |
| 23rd | Overview of Grid Computing |
| 24th | Overview of Grid Computing |
| 9th | 25th | Overview of Grid Computing |
| 26th | Overview of Grid Computing |
| 27th | Advantages of Grid Computing |
| 10th | 28th | Advantages of Grid Computing |
| 29th | Virtual Organizations |
| 30th | Virtual Organizations |
| 11th | 31st | Virtual Organizations |
| 32nd | Applications of Grid Computing |
| 33rd | Applications of Grid Computing |
| 12th | 34th | Applications of Grid Computing |
| 35th | Cluster Computing |
| 36th | Cluster Computing |
| 13th | 37th | Peer to Peer Networks |
| 38th | Peer to Peer Networks |
| 39th | Peer to Peer Networks |
| 14th | 40th | Utility Computing |
| 41st | Utility Computing |
| 42nd | Ubiquitous Computing |
| 15th | 43rd | Ubiquitous Computing |
| 44th | Comparison of Grid, Cluster and Ubiquitous Computing |
| 45th | Comparison of Grid, Cluster and Ubiquitous Computing |