

Unit -7:Backup and Recovery5Hrs

Backup and Recovery Concepts, Database backup, restoration and recovery, defining a backup and recovery strategy, Backup and Recovery options; Data Dump; User-Managed Backup and Recovery; Configuring RMAN; RMAN Backups, Restore and Recovery, Perform CDB and PDB flashback.

Unit-8

Automate Tasks with the Scheduler4Hrs

Introduction to the Scheduler, Access Rights, Scheduler Components and Workflow, create a Job, Job Classes, Use Time Based, Event-Based Schedules, Create an Event-Based Schedule.

Laboratory Works

Laboratory works should be done covering all the topics listed above and a small work should be carried out using the concept learnt in each unit in the group. Work should be assigned on individual basis.

Teaching Methods

The general teaching pedagogy includes class lectures, group discussions, case studies, guest lectures, research work, project work, assignments (theoretical and practical), and examinations (written and verbal), depending upon the nature of the topics. The teaching faculty will determine the choice of teaching pedagogy as per the need of the topics.

References

1. Fernandez, I. Beginning Oracle Database 12c Administration. Apress.
2. Press, O. Oracle Database 19 C: Administration Workshop vol-I/II.
3. Thomas, B. Oracle Database 12C Administration Certified Associate. Sybex.
4. Pro Oracle Database 18c Administration: Manage and Safeguard Your Organization's Data, Michelle Malcher and Darl Kuhn, Third Edition.
5. Oracle Database 12c DBA Handbook, Manage a Scalable, Secure Oracle Enterprise Database Environment, Bob Bryla.

