



# Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)

*Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. TS, India*



## INFORMATION TECHNOLOGY DIVISION

Continuing Professional Development Programme

# Oracle 11g Database: Data Guard Administration



22 - 24 Feb 2017



(An ISO 9001:2008 Certified, AICTE & CEA Recognized Institution)

**Centre for Promotion of Professional Excellence**

## Introduction

This Oracle Database 11g: Data Guard Administration training helps you develop the skills to use Oracle Data Guard to help protect your Oracle database against planned and unplanned downtimes. Explore how Data Guard standby databases can be used to support production functions such as reporting, querying and testing, while in a standby role.

## Objectives

- Offload business processing needs to another system
- Offload backup needs to another system
- Build highly available systems
- Offload business processing needs to another system

## Course Coverage

- Introduction to Oracle Data Guard
- Creating a Physical Standby Database by Using SQL and RMAN Commands
- Oracle Data Guard Broker: Overview
- Creating a Data Guard Broker Configuration
- Creating a Physical Standby Database by Using Enterprise Manager Grid Control
- Creating a Logical Standby Database
- Creating and Managing a Snapshot Standby Database
- Using Oracle Active Data Guard
- Configuring Data Protection Modes
- Performing Role Transitions
- Using Flashback Database in a Data Guard Configuration
- Enabling Fast-Start Failover
- Managing Client Connectivity
- Performing Backup and Recovery Considerations in an Oracle Data Guard Configuration
- Patching and Upgrading Databases in a Data Guard Configuration
- Optimizing a Data Guard Configuration
- Monitoring a Data Guard Configuration

## Prerequisites:

Training attendees must be fluent in concepts of **Oracle 11G Data base** Administration.

## Methodology

Methodology of the programme includes class room sessions with Hands-on Practical, Lecture / Discussion with audio visual aid, bench marked video shows, chalk & talk sessions, group discussions, case studies, debates, sharing of experiences etc.

## Target Participants

- Database Administrator, Database Developers, Software Engineers, Application Developers, Technical Consultant
- Web Developers, Technical Managers and people working in Government, Public sector, Private sector and Defence organizations
- Faculty & Technical staff of Engineering Colleges & Universities

## Benefits to the participants

**After completing this course, the Participant will be able to:**

Ensure fast, reliable, secure and easy to manage performance. Optimize database workloads, lower IT costs and deliver a higher quality of service by enabling smooth and rapid consolidation within your Datacenter.

## Programme Venue, Dates & Timings

**Venue:** Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad. 500032. Telangana, India.

**Dates:** 22 - 24 Feb, 2017

**Timings:** On the first day Registration will commence at 09:00 hrs. On all other days the programme timings will be from 09:45 – 17:15 hrs with breaks in between for tea and lunch.

## Course Director



**Mr. Syed Azgar , MBA(IT), RHCE, MCSA**  
Faculty & Manager-IT,  
Information Technology Division,  
Engineering Staff College of India, Hyderabad.

## Course Fee

₹ 15,000/- (**Residential Fee**) per participant. Fee includes course material, course kit, twin-sharing / single AC accommodation as per availability, Breakfast, Lunch, Dinner, Tea / Coffee and Snacks during the actual days of training programme.

## DISCOUNTS

- ❖ **Non – Residential Fee** - 10% discount on course fee is allowed for non- residential participants.
- ❖ **Group Discount** - Additional 10% discount for three or more participants if sponsored by the same organization

(All discounts are applicable only if fee is received at ESCI before commencement of the programme)

**Service Tax @15%** is to be paid extra and above the training fee as training is also brought under the purview of Service Tax in Finance Bill 2010. **PAN Card No.** AAATT3439Q. **Service Tax Registration No.** AAATT3439QST008 (under commercial training or coaching services – clause 65(105) (ZCC) of Finance act – 1994).

Programme fee is to be paid in in favour of “**THE INSTITUTION OF ENGINEERS (INDIA) – ENGINEERING STAFF COLLEGE OF INDIA**” in the form of demand draft payable at Hyderabad. Alternatively the payment may be made by **Electronic Fund Transfer (EFT)** to ESCI - SB A/c No. 10007111201 with The SBI, PBB, Rajbhavan Road Branch, Khairatabad, Hyderabad-500004 by NEFT/ RTGS/ IFSC Code No. SBIN 0004159 – MICR No.500002075. **While using EFT method of payment, please ensure to communicate us your company name, our invoice reference and programme title.**

## Registration

Online registration shall be available on ESCI **web portal** : [www.escihyd.org](http://www.escihyd.org).

To register **manually** please send your nominations giving details of name, designation, contact address, email address, mobile no, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to :

## The Head

**Information Technology Division**  
**Engineering Staff College of India**  
**Gachi Bowli, Hyderabad – Telangana 500 032**  
**Phone: 66304123/24/25 (Direct), Fax: 040 - 23000336**  
**Email: [it@escihyd.org](mailto:it@escihyd.org), web portal: [www.escihyd.org](http://www.escihyd.org)**

**A Certificate of participation will be awarded to each participant on conclusion of the programme.**

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of outstation participants, ESCI will facilitate pick-up and drop from Airport / Railway Stations / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participant directly to the Cab.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) of the programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation)
- Well developed Information Centre and Internet facilities are available to the participants.