



SNS COLLEGE OF ENGINEERING
Kurumbapalayam (Po), Coimbatore – 641 107



AN AUTONOMOUS INSTITUTION

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai

UNIT – IV PHP

Database Connectivity with MySql

There are two methods to connect multiple MySQL databases into a single webpage which are:

- Using MySQLi (Improved version of MySQL)
- Using PDO (PHP Data Objects)

Syntax:

- **MySQLi Procedural syntax:**

\$link = mysqli_connect("host_name", "user_name", "password", "database_name");

- **MySQLi Object Oriented syntax:**

\$link = new mysqli("host_name", "user_name", "password", "database_name");

- **PDO (PHP Data Objects) syntax:**

\$pdo = new PDO("mysql:host=host_name; dbname=database_name", "user_name", "password");

Program: This program uses MySQLi to connect multiple databases on a single webpage.

```
<?php
```

```
// PHP program to connect multiple MySQL database into single webpage
```

```
// Connection of first database
```

```
// Database name => database1
```

```
// Default username of localhost => root
```

```
// Default password of localhost is " (none)
```

```
$link1 = mysqli_connect("localhost", "root", "", "database1");
```

```
// Check for connection
```

```
if($link1 == true) {
```

```
    echo "database1 Connected Successfully";

}

else {

    die("ERROR: Could not connect " . mysqli_connect_error());

}

echo "<br>";

// Connection of first database

// Database name => database1

$link2 = mysqli_connect("localhost", "root", "", "database2");

// Check for connection

if($link2 == true) {

    echo "database2 Connected Successfully";

}

else {

    die("ERROR: Could not connect " . mysqli_connect_error());

}

echo "<br><br>Display the list of all Databases:<br>";

// Connection of databases

$link = mysqli_connect('localhost', 'root', '');

// Display the list of all database name

$res = mysqli_query($link, "SHOW DATABASES");
```

```
while( $row = mysqli_fetch_assoc($res) ) {  
    echo $row['Database'] . "<br>";  
}  
?>
```