

# Complete



ISO 9001:2008



## INDUSTRIAL TRAINING FROM THE LEADER

WITH MySQL

**WEB DESIGN**

**CORE PHP**

**ADV. PHP**



**FREE** SEO Tips

**Admission open**



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## Prologue to LIT

**LIT- Susant K. Routs Centre of Excellence** would like to introduce ourselves as a young but very experienced IT Education Training Institution. As a training Organization, we concentrate on delivering training programs, which focus on building a strong programming foundation by giving in depth and true conceptual knowledge. Our 15 years of dedication into this field has made us possible to create a milestone for the students who want to expose their technical skill and want grow as a successful technocrat in future. Our complete Endeavour behind the students has helped them to ensure a place in TOP Notch IT companies. With the mutual cooperation of our experts, we have been able to give an end to end solution to our students; Corporate along with colleges in case of any problems arise in their workplaces. We feel fortunate being invited by few colleges as their technical partner for the technical & nontechnical grooming of their students for campus Interview. Our syllabus and method of teaching completely focuses on, how to make students feel confident to crack interview for different industries.

## Profile of Trainer

### **Mr. Prabina Kumar Rout**

MTECH in Computer Science & Engineering  
Training Head  
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Mr. Prabina kumar Rout, a Microsoft certified Trainer, is working as the Head of the Department of .NET, PHP & WEBDESIGN in **LIT- Susant K. Rout's Centre of Excellence** along with heading the Department LIT Solution, a Software Developing firm Bhubaneswar. Completed his MTECH from BPUT. His research, interest is on .NET, PHP&WEBDESIGN. Being a Corporate Trainer, with his mutual support& training he could have been possible to generate good number of developers those who are now placed in good multinational Software firms. His keen interest, dedication towards this development sector & training proved him as successful trainer. Besides this training his creativity in terms of designing websites, developing software for some professional firms earned him many appreciations as a good designer& developer in the field of Software Development.

### **Why Webdesign From LIT**

Incomparable Syllabus  
Learn from MICROSOFT Certificate Professional  
Learn secret step for Campus requirement  
Real Industrial Application of using MVC  
Fully Practical and Interactive Session  
Study Materials  
Grooming for Project Demonstration in Campus Interview  
Weekly Workshop on Respective module for Skill Development  
Special Guidance for LIVE Project  
Weekly Online Test for Skill Assessment  
An Earning and Learning Opportunity to all.  
Question and Answer for Campus.  
SEO Tips  
Industrial Training from the leader

## Message for the student must Read

**Decisions never made in a second or minute,** Taking a decision by yourself “**saying No**” is not going to resolve your worry but puts you down to move ahead in career. If you have a thrust and a little interest to be an engineer in future, so we may get your one day presence at **LIT** to Council you better for your future growth. We understand your feelings and passion. Our Past 15 years of Extensive dedication & Training towards the field of IT has made us possible to reach lakhs of students and make them possible to achieve their place in top notch IT industries . **LIT** is walking ahead with a passion & goal to make every **engineering students** feel the real essence of a beautiful Engineering career. If you think you **know**, lets help u groom more and if you think “**No** “ let your life take a chance to Know .

### Our Commitment

- Register once and learn for 5 years
- NO source faculty. Learn directly from industrial Experts.
- Special focus on Campus & Semester preparation.
- Instant doubt clearing inside the classroom itself.
- Tips & tricks discussion for campus and semester.
- Fully practical class with live demonstration through projector.
- Special Guidance for live project development.
- Weekly test conducted for skill assessment.
- Tips and Tricks on Interview etiquettes.
- Guidance for Resume Building, Personal Interview & tips on how to clear a successful GD session.
- Online test (Technical & Nontechnical) for skill assessment.

# WEB DESIGNING COURSE DETAILS

## WEBDESIGN

### Module 1- Introduction

Introduction to PHP  
Introduction to Web application  
Intranet / internet  
Server and client  
Web page  
HTML and DHTML  
Script  
What is PHP?  
PHP history  
Why PHP?

### Module 2: Apache | MySQL | PHP (AMP)

XAMPP  
WAMP  
LAMP  
Client Server Configuration  
Physical Path of web page  
Local host  
Dreamweaver

### Module 3: HTML

What is HTML?  
Why html declares  
HTML with PHP  
HTML 5 Tags

### Module 4: Style Sheet

What is Style Sheet?  
Why Style Sheet  
Declaration of Style Sheet  
Apply Style Sheet  
Style Attributes  
CSS 3

### Module 5: JavaScript

Introduction  
JavaScript declaration  
Syntax and Comments  
Variables, Operators  
Control structure  
Functions in JavaScript  
Events  
DOM  
DOM Variable  
XMLHttpRequest and ActiveXObject  
ResponseText and responseXml  
Cookie

### Module 6: JQuery

Introduction  
Features of JQuery  
Syntax  
Steps to use jquery  
Functions  
Action/Event  
Selectors

### Module 7: Ajax

What is Ajax?  
Synchronous and asynchronous  
\$.ajax, \$.post, \$.get  
Ajax with XML

### Module 8: Bootstrap

Introduction  
Setting of Bootstrap  
Grid System  
Responsive Helper  
Text, Button , Icon , Menu e.t.c  
Customize Bootstrap

### Module 9: PHP Page

PHP Page  
Comments  
Syntax  
Php Page and HTML page

### Module 10: Variable in PHP

What is Variable?  
What is Value?  
What is Data type?  
Scalar Type  
Compound Type  
Special Type  
Predefine variables  
\$\_GET  
\$\_POST  
\$\_REQUEST  
\$\_FILES  
\$\_SERVER  
\$GLOBALS  
global  
\$\_ENV

### **Module 11: State Management**

What is state management?  
Types of State Management  
\$\_COOKIE  
\$\_SESSION

### **Module 12: Conversion**

Type conversion in php  
CType  
Functions

### **Module 13: Control Structure**

What is control structure?  
if-else,switch-case,while,do-while,for,foreach,break,continue,return,exit,die  
include,include\_once,require,require\_once,declare,define

### **Module 14: Operators**

Arithmetic Operators  
Comparison Operators  
Logical Operators  
Assignment Operators  
Scope Resolution Operators

### **Module 15: Functions**

What is Function?  
Nested Function  
Function arguments.  
Returning values  
Returning an array  
variable function  
predefined function

### **Module 16: String Function**

Creating and accessing String  
Searching & Replacing String  
Formatting String  
Related Library function

### **Module 17- MBSTRING**

Introduction  
Functions  
Encoding  
Decode  
Replace  
Match  
Search  
Position  
Split  
Case conversion  
Substring

### **Module 18: Date Time with Functions**

PHP Date() Function  
Get a simple date  
Get your time zone  
Create date with PHP mktime()

### **Module 19: Array with Functions**

What is Array?  
Numeric Array.  
Associative Array  
PHP array functions

### **Module 20- BCMATH**

Bcadd,bcsub,bcmul,bcdiv,  
bcmath,bcpow,bcsqrt,  
bcscale,bccomp,  
bcpowmod

### **Module 21:OOPS**

What is OOPS?  
Class, Object, Inheritance, Polymorphism,  
abstraction, Encapsulation  
Concepts of object.  
Constructor & destructor  
Static , Constant & Global

### **Module 22: Database [Mysql]**

Introduction to database?  
What is information and data?  
How to maintain database.  
DBMS

SQL  
PHP My Admin  
Security database

### **Module 23: SQL**

DDL  
DML  
DQL  
JOIN  
Question and Answer

### **Module 24: PHP MySql**

Connection with MySQL  
Command  
Execute  
Fetch  
Insert, delete, and update records  
Security  
.ini  
OOPS with MySQL  
PHP MySQL functions

### Module 25: Login Module code

Registration code

Login code

Forget password code

Change password code

logout code

### Module 26: Image Manipulation

GD Library

Functions of GD Library

Blank image

Recourse of an image

Filtering an image

Image format, size

Create thumb size image

Uploading an image

Resize an image

Compress an image

Cropping an image

### Module 27: File Handling

File and directory

Open, close, Read, write, append, delete

Uploading and downloading files.

File exists

File Size

Rename

Display all files present in a directory. Reading and displaying all images present inside a directory.

Displaying all titles inside a directory of pages.

Count no of visitors visits your webpages.

### Module 28: Exception Handling

Introduction

Types of Exceptions

Diff. between Exception & Error

Throwing an Exception

Custom Exception Handler Class

Nested Multiple Exception

Re-throwing an Exception

Try, catch

### Module 29– CMS

Introduction

Introduction CDA

Introduction CMA

Custom CMS

### Module 30: CMS(Wordpress)

What is WordPress?

Installation steps

POST

Media

Comment

Page

Menu

Header and footer

Theme

Plugin

Widgets

Visual composer

Woo Commerce

### Module 31: Dreamweaver

Exploring Dreamweaver Interface

Planning & Setting Web Site Structure

Tables

Image Link

Creating and working with Templates

Working with Spry Menu Bar

Creating Tabbed Panel

Creating Collapsible panel

### Module 32: PHP with LAMP

Introduction to Linux

LAMP (Linux, Apache, MySQL, PHP)

Linux Commands

Vi Editor

### Module 33: Photoshop

Defining page setup for web

Understanding file formats for web

Understanding Pixels & Resolution

Navigating Photoshop

Working with tools

Working with Multiple Images, Rulers, Guides & Grids

Working with layers,

Merging Layers, locking layers

Blending modes, opacity & fill

Adjusting Canvas Size & Canvas Rotation

Creating text,applying styles effects

Creating web patterns

Levels, Curves adjustment

Patch tool image correction

Enhancing image for web

Retouching images

Transforming of images

Color pallete

Using filters for effect

Render, glass, wood texture, emboss

Creating Web Layout

Creating Web banners

Web Animation in Photoshop

Converting Photoshop Layout to HTML in

Photoshop

## Module 34: GIF Animation

Understanding gif animation interface  
Knowing Gif file format

Creating basic web banners  
Creating web banners with effects  
Creating animated web buttons

## CONTENT OF PROJECT

### 1. INTRODUCTION

- Problem Specification
- Approaching the project
- About project

### 2. PROJECT PROPOSAL

- Title of the project
- Back ground
- Present problems
- The solutions
- Aim of the project
- Life cycle

### 3. SYSTEM ANALYSIS

- Problem Specification
- Feasibility Study
- System Requirements Specification
- Existing System

### 4. SYSTEM REQUIREMENTS

- Software Requirements
- Hardware Requirements

### 5. LITERATURE SURVEY

### 6. SYSTEM DESIGN

- Detailed Design
  - UML Diagrams
- Database Design
  - Dataflow Diagrams
  - E-R Diagrams
  - Database Tables

### 7.DEVELOPMENT MODEL

### 8.USER INTERFACE

### 9.CODING

### 10.TESTING

### 11.VALIDATIONS

### 12.MAINTENANCE

### 13.FUTURE SCOPE

### 14.AUDITING

### 15.SCREEN DESIGNS

### 16.IMPLEMENTATION

### 17.CONCLUSION

### 18.REFERENCES & BIBLIOGRAPHY

### MVC Architecture

**Model** : Classes that represent the data of the application and that use validation logic to enforce business rules for that data.

**View** : .emlate files that your application uses to dynamically generate HTML responses.

**Controllers** : Classes that handle incoming browser requests, retrieve model data, and then specify view templates that return a response to the browser.

