



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)



BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

Requisition Letter

Date:27.11.2018

From
Dr. K.P.Kaliyamurthie,
Professor & Head,
Department of CSE,
Bharath Institute of Higher Education and Research,
Chennai

To
The Dean Engineering,
Bharath Institute of Higher Education and Research,
Chennai

Respected sir

Subject:Request of Permission to conduct a value-added course on **“Web Development :: PHP and Mysql”** -Reg

With reference to above subject, I would like to bring to your kind notice that, our department interested to organize value added course on **“Web Development :: PHP and Mysql”** in our campus premises on **05.12.2018**, students would be participating in this course. We request you kindly to give permission to organize this event.

Venue: **CSE Smart Room**

Timing 1:30 PM to 4:30 PM Friday(AN) and Saturday (FN&AN).

Submitted to Principal for approval to organize this value-added course.

HOD

HEAD OF DEPARTMENT
Department of Computer Science & Engg.,
Bharath Institute of Higher Education & Research
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Chennai-600 073. INDIA

DEAN ENGINEERING



Bharath


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CIRCULAR

30.11.2018

The School of computing, Bharath Institute of Higher Education and Research is planned to conduct a certification value added course on Web Development :: PHP and Mysql for the benefit of II, III and IV year students. This course is scheduled from 05.12.2018 for 30 hours which includes theory and practical. The timings are 1:30 PM to 4:30 PM from Friday (AN) and Saturday (FN & AN).

All Registered Students must attend all the classes without fail. The following faculty members are assigned to handle the course. S.NO	Name of the Faculty	Designation
	1	Dr.C.Nalini
	2	Dr.C.Rajabhushanam


Head of Department

To

Copy to CSE

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CERTIFICATE COURSE ON Web Development: PHP and Mysql

Date of Introduction of the Course: 5.12.2018

COURSE OBJECTIVES

This course will enable the students to understand and develop competency amongst the students to design professional database backed dynamic and feature based web sites. The course covers the use of programming with PHP and the concepts of database with MySQL. Students will be introduced to popular web application frameworks for building scalable web applications. The main objective for this course is to motivate student's interest in learning Web-app development by giving them an insight into its possibilities through practical applications. In addition, the course also provides a sufficiently broad but practical introduction to Server-side web technologies.

After learning, Students can able to

- Perform various logical operations in PHP
- Create simple programmes to validate forms in PHP
- Perform various database operations in Mysql
- Perform database connectivity using PHP with Mysql
- Apply the basic concepts, principles and practices of Web-site development using PHP & Mysql

COURSE SYLLABUS

1. Introduction to PHP and Mysql

- Introduction of PHP
- How PHP better than other
- Benefits Of using PHP MYSQL
- Server Client Environment
- Web Browse Web Server
- Installation & Configuration Files
- What is Database?
- Understanding an RDBMS
- Understanding Tables, Record & Fields
- SQL Language

2. Development Concept

- How PHP Script Work
- PHP Syntax
- Embed PHP In HTML/HTML In PHP
- PHP Data Type
- Variable In PHP
- Contents In PHP
- Operator In PHP

3. Control Structures and Looping structure:

- If Statement
- If.....Else Statement
- If...If Else Statement
- Nested If Statement
- Switch Statement
- For Loop
- While Loop
- Do...While Loop
- For each Loop

4. Function

- User Defined Function
- System Defined Function
- Parameterized Function
- Parameterized Function
- Date & Time Function
- Hash Function
- Mail Function
- String Function

5. File Inclusion and Array

- Include()
- Require()
- Associative Array
- Numeric Array
- Multi-Dimensional Array

6. Working with File

- Opening File
- Reading File
- Writing File
- Closing File
- Appending File
- Uploading File

7. OOPs Concept

- Class & Object
- Access Modifier
- Properties of Object
- Encapsulation and abstraction
- Inheritance
- Polymorphism
- Function overriding
- Abstract class

8. State Management & Error Handling & Exception

- Creating Cookies
- Set Cookies
- Destroying Cookies
- Creating Session
- Set Session
- Destroying Session

- Introduction to Error
- Try,catch,throwBlockHandling

9. Working with MYSQL Admin

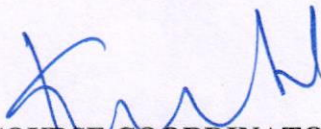
- Working with PHP My Admin
- Types Data Type
- Creating Database & Tables
- Dropping Database & Tables
- Adding Fields
- Selecting Table
- Alerting Fields Properties

10. SQL Queries

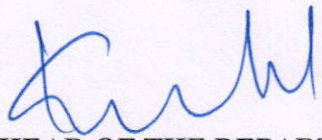
- Create Database & Table
- Drop Database & Table
- Insert, select, delete, modify Record
- WHERE Clause
- Using Operators
- Sorting Records
- Eliminating Duplicates
- Grouping Records, Having Clause
- Joining Tables
- Sub queries
- Using Table And Column Aliases

11. MySQL Function in PHP

- Database Connections
- Managing Database Connections
- Performing Queries
- Closing Connection



COURSE COORDINATOR



HEAD OF THE DEPARTMENT

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CERTIFICATE COURSE ON WEB DEVELOPMENT: PHP AND MYSQL

Date of Introduction of the Course: 05.12.20218

The timings are 1:30 PM to 4:30 PM from Friday (AN) and Saturday (FN&AN).

Time Table& Lesson plan

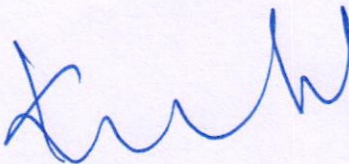
CLASS	DATE	TOPIC
1,2	07-12-2018(AN)	1. Introduction to PHP and Mysql <ul style="list-style-type: none"> • Introduction of PHP • How PHP better than other • Benefits Of using PHP MYSQL • Server Client Environment • Web Browse Web Server
3,4	07-12-2018(AN) 08-12-2018(FN)	<ul style="list-style-type: none"> • Installation & Configuration Files • What is Database? • Understanding an RDBMS • Understanding Tables, Record & Fields • SQL Language
5,6	08-12-2018 (AN)	2. Development Concept <ul style="list-style-type: none"> • How PHP Script Work • PHP Syntax • Embed PHP In HTML/HTML In PHP • PHP Data Type • Variable In PHP • Contents In PHP • Operator In PHP
7,8	14-12-2018(AN) 15-12-2017(FN)	3. Control Structures and Looping structure: <ul style="list-style-type: none"> • If Statement • If.....Else Statement • If...If Else Statement • Nested If Statement • Switch Statement
9,10	15-12-2018(AN)	<ul style="list-style-type: none"> • For Loop • While Loop • Do...While Loop • For each Loop
11,12	21-12-2018 (AN)	4. Function <ul style="list-style-type: none"> • User Defined Function • System Defined Function • Parameterized Function • Parameterized Function

		<ul style="list-style-type: none"> • Date & Time Function • Hash Function • Mail Function • String Function
13,14	21-12-2018(AN) 22-12-2018 (FN)	5. File Inclusion and Array <ul style="list-style-type: none"> • Include() • Require() • Associative Array • Numeric Array • Multi-Dimensional Array
15,16	22-12-2018 (AN)	6. Working with File <ul style="list-style-type: none"> • Opening File • Reading File • Writing File • Closing File • Appending File • Uploading File
17,18	28-12-2018 (AN) 29-12-2018 (FN)	7. OOPs Concept <ul style="list-style-type: none"> • Class & Object • Access Modifier • Properties of Object • Encapsulation and abstraction • Inheritance • Polymorphism • Function overriding • Abstract class
19,20	29-12-2018 (AN)	8. State Management & Error Handling & Exception <ul style="list-style-type: none"> • Creating Cookies • Set Cookies • Destroying Cookies • Creating Session • Set Session • Destroying Session • Introduction to Error • Try,catch,throwBlockHandling
21,22	04-01-2019 (AN)	9. Working with MYSQL Admin <ul style="list-style-type: none"> • Working with PHP My Admin • Types Data Type • Creating Database & Tables • Dropping Database & Tables • Adding Fields • Selecting Table • Alerting Fields Properties
23,24	04-01-2019 (AN) 05-01-2019 (FN)	10. SQL Queries <ul style="list-style-type: none"> • Create Database & Table • Drop Database & Table • Insert, select, delete, modify Record • WHERE Clause • Using Operators
25,26	05-01-2019 (FN)	<ul style="list-style-type: none"> • Sorting Records • Eliminating Duplicates

		<ul style="list-style-type: none"> • Grouping Records, Having Clause • Joining Tables • Sub queries • Using Table And Column Aliases
27,28	05-01-2019 (AN) 11-01-2019(AN)	11. MySQL Function in PHP <ul style="list-style-type: none"> • Database Connections • Managing Database Connections
29,30	12-01-2019(FN) 12-01-2019(AN)	<ul style="list-style-type: none"> • Performing Queries • Closing Connection



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School of Computing

CERTIFICATE COURSE ON WEB DEVELOPMENT:PHP AND MYSQL

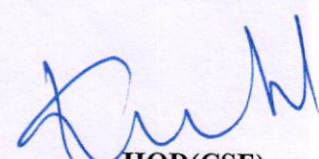
Date of Introduction of the Course: 05.12.2018

Registered Students Name List

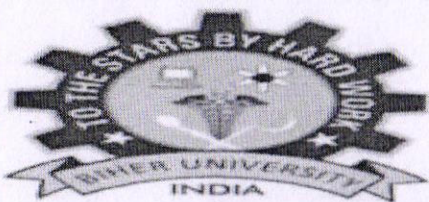
S.NO	REG.NO	NAME OF THE STUDENT
1	U14CS002	AAVULA DIXITH REDDY
2	U14CS006	ABHIKAMALI .A
3	U14CS007	ABHISHEK MANDURI
4	U14CS024	ATUL ANAND
5	U14CS029	BALAKRISHNAN.T
6	U14CS044	DARA DEEPTHI
7	U14CS045	DEEPAKSANKAR REDDY.M
8	U14CS052	GARLAPATI HEMA SAI KRISHNA
9	U14CS053	GODJSELA SRINATH
10	U14CS062	JERIPOTHULA SURESH GOUD
11	U14CS066	KARAN KUMAR CHETTRI
12	U14CS072	KATKURI.KUMAR
13	U14CS078	KODALI AKHIL
14	U14CS085	LAKSHMI PRIYA.A
15	U14CS100	MOHAMED SALMAN.R
16	U14CS109	N.UMA VENKATA MAHESHWARA SWAMY
17	U14CS110	NAGA TEJA.K
18	U14CS114	NANDALA SWETHA
19	U14CS115	NANDIPALLI MOUNICA
20	U14CS123	PANKAJ SARKAR
21	U14CS136	RAHUL GOUD.P
22	U14CS153	RONU SHARMA
23	U14CS156	SAGI AKSHAY KUMAR
24	U14CS157	SAJJA. SURENDRA PRASAD

25	U14CS187	SURYA.A
26	U14CS197	TWINKLE
27	U14CS201	VASI KARTHIK
28	U14CS208	VIVEK.G
29	U14CS209	YASVAND CUMAAR .S
30	U14CS216	SUNDAR.V.
31	U14CS218	MAKKAPTI SIDDHARDHA
32	U15CS001	ABHIJEET KUMAR
33	U15CS005	AMBIKE KUMAR SINGH
34	U15CS020	BANDARU RAMESH
35	U15CS068	JAICHAND KUMAR
36	U15CS083	KANDI MOUNIKA
37	U15CS087	KARTHEESWARAN P
38	U15CS133	NALLURI AKHIL BABU
39	U15CS140	NIRANJAN S
40	U15CS159	PRADEEP YADAV
41	U15CS196	SHARYARAI.S
42	U16CS004	ABDUL KHADIR L
43	U16CS017	VARUN KANNA A
44	U16CS034	GUNDU NIKITHA REDDY
45	U16CS061	NAGIREDDY GARI SANJUNATH REDDY
46	U16CS067	ABDUL HASEEB
47	U16CS115	BHUMIRDDY MAHITHA
48	U16CS124	SURLA SRINUVASU
49	U16CS133	NAVULURI RAJENDRA MOHAN
50	U16CS169	RAVILLA HARSHITHA
51	U16CS220	AFREEN


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HOD(CSE)

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CERTIFICATE OF PARTICIPATION

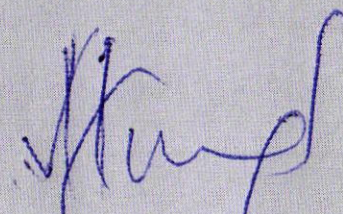
This certificate is presented to

AFREEN

For actively participating in the value added course "Web Development: PHP and Mysql"
Conducted by School of Computing, BIHER from 07.12.2018 to 06.01.2018.


COURSE COORDINATORS


HEAD OF THE DEPARTMENT


DIRECTOR

COURSE FEEDBACK FORM

Academic Year		2018 - 2019												
Term														
Course Number														
Course Title		Web Development : php & Mysql.												
Number of Credits		-												
Type of Course	Regular		Elective		Add-on	✓								
I. Information on the Respondent: (Tick (✓) Appropriately)														
1. Percentage of classes attended														
0-20		20-40		40-60		60-80	✓	80-100						
2. Number of hours per week spent on the course (Other than lecture hours)														
0-2		2-4		4-6		6-8		8-10	✓					
3. Preparation for the course by the student:														
(i)	Have done part of this course earlier				No									
(ii)	Has adequate prior exposure to the prerequisites				No									
(iii)	Had to pickup relevant additional topics through concurrent study				Yes									
(iv)	Have no exposure to the background material				No									
4. The expectations for taking the course by the student are:														
(a)	Enhance by skill base in the area of specializations				Yes									
(b)	Get exposed to a relevant subject				Yes									
(c)	Curiosity				Yes									
(d)	Better Employment Opportunity				Yes									
(e)	Complete Course requirements				Yes									
(f)	To Improve CGPA				Yes									
About the Instructor: Information on the Respondent: (Tick (✓) Appropriately)														
		A	B	C	D	E								
1.	Pace of the Teaching/lecture	✓												
2.	Comment of the Subject	✓												
3.	Clarity of expression	✓												
4.	Level of preparation		✓											
5.	Level of interaction	✓												
6.	Accessibility outside the class		✓											
7.	Others (please specify)													
A: Excellent		✓	B: Very Good			C: Good			D: Satisfactory			E: Poor		


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COURSE FEEDBACK FORM

Academic Year		2018-2019							
Term									
Course Number									
Course Title		Web Development : php & Mysql							
Number of Credits		—							
Type of Course	Regular		Elective		Add-on	✓			
I. Information on the Respondent: (Tick (✓) Appropriately)									
1. Percentage of classes attended									
0-20		20-40		40-60		60-80	✓	80-100	
2. Number of hours per week spent on the course (Other than lecture hours)									
0-2		2-4		4-6		6-8		8-10	✓
3. Preparation for the course by the student:									
(i)	Have done part of this course earlier						No		
(ii)	Has adequate prior exposure to the prerequisites						No		
(iii)	Had to pickup relevant additional topics through concurrent study						Yes		
(iv)	Have no exposure to the background material						No		
4. The expectations for taking the course by the student are:									
(a)	Enhance by skill base in the area of specializations						Yes		
(b)	Get exposed to a relevant subject						Yes		
(c)	Curiosity						Yes		
(d)	Better Employment Opportunity						Yes		
(e)	Complete Course requirements						Yes		
(f)	To Improve CGPA						Yes		
About the Instructor: Information on the Respondent: (Tick (✓) Appropriately)									
		A	B	C	D	E			
1.	Pace of the Teaching/lecture	✓							
2.	Comment of the Subject	✓							
3.	Clarity of expression	✓							
4.	Level of preparation		✓						
5.	Level of interaction	✓							
6.	Accessibility outside the class		✓						
7.	Others (please specify)								
A: Excellent		B: Very Good		C: Good		D: Satisfactory		E: Poor	


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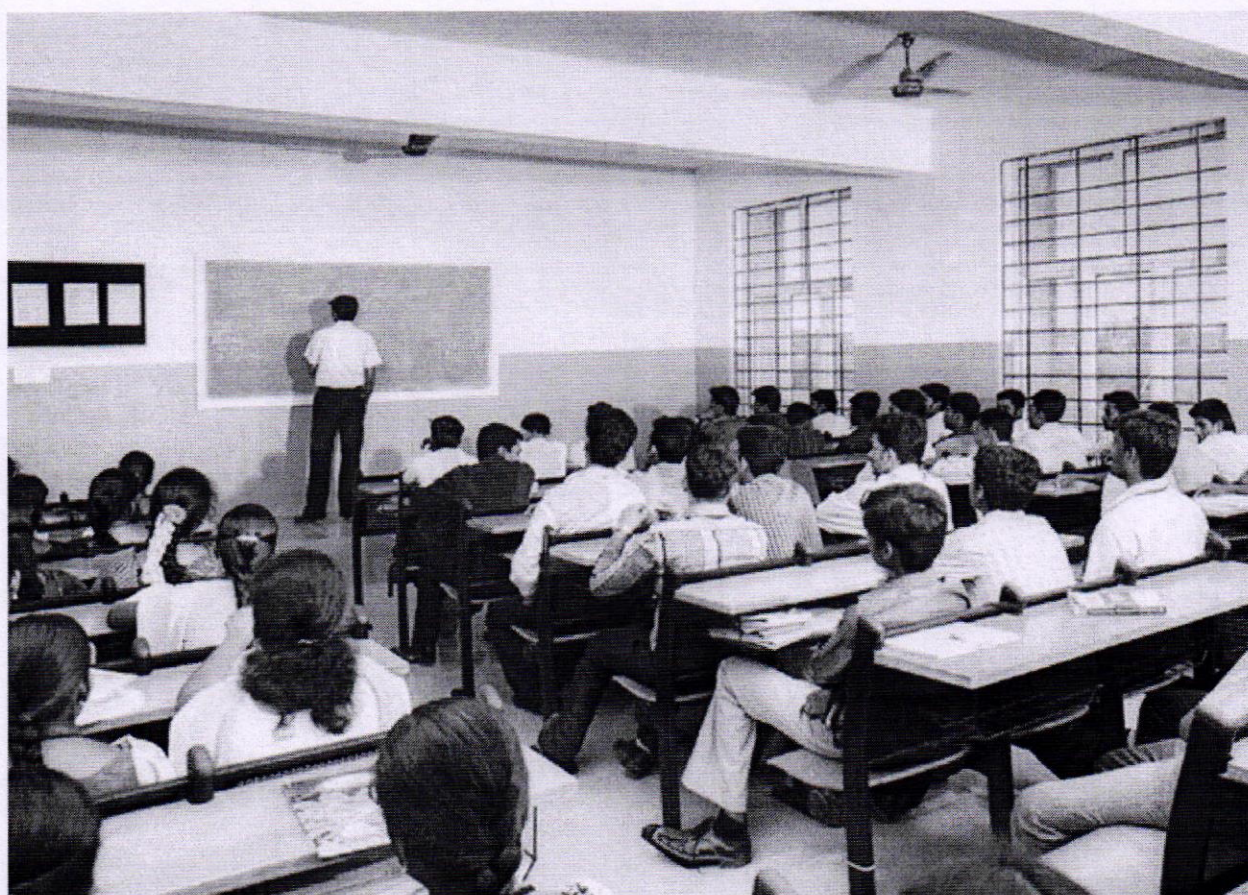


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CERTIFICATE COURSE ON WEB DEVELOPMENT :: PHP and Mysql



Creal

COURSE COORDINATOR

[Signature]

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