

COURSE PROSPECTUS

Name of the Group: IT Group

Name of the Course: Advanced Diploma in Web Application Using PHP and MySQL

Course Code: SW255

Starting Date: 08-Feb-2017

Duration: 12 Weeks

Preamble: PHP is a popular open-source technology ideal for quickly developing database-driven Web applications. Creating PHP applications that can respond quickly, avoid unnecessary page reloads, and provide good user interfaces, often requires complex JavaScript techniques. jQuery, one of the most popular JavaScript libraries, simplifies the creation of very powerful and responsive interfaces—all with the minimum of code. PHP on the server side and jQuery on the client side (browser) are a good combination for developing interactive web applications.

Objective of the Course: This 12 Week intensive training course helps the participants to apply PHP, MySQL, jQuery together to produce effective, interactive Web applications.

Outcome of the Course: After undergoing this course the participants will be able to develop Web applications using PHP, MySQL and jQuery.

Course Structure:

HTML , JavaScript, jQuery	3 Weeks
PHP	4 Weeks
PHP & MySQL	1 Week
Project	4 Weeks

Extensive Lab Sessions (more than 50%) will be given to improve practical skills in PHP.

Other Contents

a. **Course Fees :**

General Candidates: Course fee is Rs. 20,000/- + Service Tax at actuals ie Rs. 23,000/-.

SC/ST Candidates : Tuition Fees/Examination fees are waived for SC/ST students admitted under SCSP/TSP. However they are required to remit an amount of Rs. **2300/- as Advance caution/security deposit**. This amount will be considered as caution/security deposit and will be refunded after successful completion of the course. If the student fails to complete the course successfully this amount along with any other caution/security deposits by the student will be forfeited.

b. **Registration Fee:** An amount of Rs. 1000/- should be paid at the time of registering for the course. The same will be considered as caution deposit on student joining the course. This advance deposit will not be refunded for a selected candidate who does not join the course.

c. **Eligibility:** BE / B.Tech / M.Sc / MCA / BCA / Diploma / Graduation in any discipline. Knowledge of any one programming language like C/C++/Java is

a prerequisite to attend the course. Candidates who have appeared in the qualifying examination and awaiting results may also apply.

d. **Number of Seats** : 20

e. **How to Apply** :

Students are advised to apply online or in the prescribed Application Form available with the course brochure/course prospectus or downloaded from our website. Filled-in application forms along with a Demand Draft (or proof of payment through any of the following modes) towards advance fee of Rs.1,000/- drawn in favour of Director, NIELIT, Calicut, Payable at State Bank of India, NIT Campus Branch (code: 2207), Chathamangalam should be sent to the **Training Officer, NIELIT, P. B. No. 5, NIT Campus Post, CALICUT – 673 601, Kerala. The Name of the Course Applied for should be super scribed on the top of the cover in which the application form is forwarded.**

Rs.1000/- will be considered as refundable caution deposit on student joining the course. This advance deposit will not be refunded for a selected candidate who does not join the course.

Modes of Payment: The course fee can be paid by one of the following methods as per your convenient.

1	<p>POS Facility</p> <p>Point of Sale (POS)/Card Swiping Machine facility is available at Accounts section for the purpose of remittance of amount dues to the Centre.</p> <p>As of now, there may not be any additional charge for usage of SBI / SB Group's Debit/ATM Cards, while making payment. However there could be additional charges (up to 2% of payment) for cards of other banks depending on the policy of the card issuing bank/type of card.</p>
2	<p>The fees can be paid directly into our account from any bank where core banking facility is available. The details required for direct payment are as given below.</p> <ul style="list-style-type: none"> • Savings Account No: 31329537747 • Bank Name: SBI, NIT Chathamangalam • Bank Code: 2207 • IFSC No: SBIN0002207 • MICR : 673002012 <p>The depositor should obtain the UTR Number/Journal No from the branch while depositing cash directly into our account. Depositor should also obtain the counterfoil duly filled up and signed by the staff with seal of the bank through which the amount was deposited. The following details should reach here before the last date to apply.</p> <ol style="list-style-type: none"> 1. Name of the Depositor 2. Name of the Student 3. Date of Payment 4. Amount Deposited 5. Name of Bank/branch through which amount deposited 6. Purpose – Course ID – Advance Deposit/Hostel Rent/Installment Fee etc. 7. Proof of Deposit (counterfoil/acknowledgement in original)

	8. UTR Number
3	<p>The fees can be paid through the SBI Collect Payment Gateway as well:</p> <ol style="list-style-type: none"> 1. Please click the SBI Collect hyper link to enter the payment gateway. 2. Select State of Corporate/Institution as <i>Kerala</i> 3. <i>Select</i> Type of Institution <i>Educational Institutions</i> and click on <i>Go</i> button 4. <i>Select Educational Institutions Name as NIELIT and click Submit button</i> 5. Select Payment Category as <i>Course Fee</i> 6. Enter all the fields including amount payable and follow the instructions <p>The following details should reach here before the due dates.</p> <ol style="list-style-type: none"> 1. Name of the Depositor 2. Name of the Student 3. Date of Payment 4. Amount Deposited 5. Purpose – Course Name: 6. UTR Number
4	Through any branch of SBI (where this format is accepted) using the pay in slip available in our web site. The original counterfoil should reach here before the last date to apply.
5	Demand Draft to be drawn in favor of Director, NIELIT, Payable at State Bank of India, Calicut NIT Branch (2207). The DD should reach here before the last date to apply.

The Institute will not be responsible for any mistakes done by either the bank concerned or by the depositor while remitting the amount into our account.

- f. **Selection of candidates** : Selection of candidates will be based on the marks obtained in their qualifying examination.
- g. **Test/Interview (*if applicable*)** : *Nil*
- h. **Counseling/Admission** : *8th Feb 2016*
- i. **Spot Admission** : If spot admission is open, spot admission will close within 15 days of Counseling/Admission of a particular course. On spot admission students should provide an undertaking saying that he/she is fully aware that he/she missed so much days of class and will not ask for extra classes or further extension of course.
- j. **Admission Procedure** :
Students who have been selected for test/interview/counseling/admission are required to report to the Institute on the prescribed day by 9:30 hrs along with the following
 1. Original and attested Copies of Proof of Age, Qualifications, etc
 2. One passport size photograph and one stamp size photograph for identity card.
 3. SC/ST Certificate (Original and attested copies, if applicable)
 4. Income Certificate (Original and attested copy, if applicable)

The students on reaching the Institute are required to meet the Front Office Councilor (FOC). The FOC then directs the student to the Course

Coordinator. The student gets the certificates and enrollment form verified by the Course Coordinator and then meets the FOC who shall direct the student to the Accounts for payment of fees. A student is thus admitted, attested copies of all documents shall be handed over to the Course Coordinator.

- k. Discontinuing the course: No fees (including the caution deposit) under any circumstances, shall be refunded in the event of a student discontinuing the course. No certificate shall be issued for the classes attended.

A student can however, be eligible for module certificates (applicable only for courses which provide for modular admission) which he has successfully completed provided, he/she has paid the entire course fees. This is not applicable to SC/ST candidates availing fee concession. SC/ST candidates availing fee concession are eligible for module certificates only after completing the full course with required attendance

- l. **Course Timings** : 9.30 am to 12.30 pm and 1.30 pm to 4.30 pm Monday to Friday.

- m. **Location and how to reach** :

NIELIT Calicut is located very close to NIT campus and is about 22Kms from the Calicut (Kozhikode) city. A number of buses (Buses to NIT via Kunnamangalam) are available from "Palayam Bus Stand and KSRTC Bus Stand". The bus stop at our Institute is called "Panthrand" and is one stop before NIT. The bus fare is around `xx/- from Calicut City to NIELIT.

Calicut (Kozhikode) is well connected by Rail, Road and Air form different parts of the country. The maximum and minimum temperatures range between 35°C and 20°C.

- n. **Course enquiries** :

Students can enquire about the various courses either on telephone or by personal contact between 9.15 A.M. to 5.15 P.M. (Lunch time 1.00 pm to 1.30 pm) Monday to Friday.

- o. **Important Dates** :

Last date for submitting application –	01-Feb-2017
Selection intimation through website–	02-Feb-2017 (After 5.00 PM)
Counseling/Admission –	08-Feb-2017

- r. **Placement** : Placement Assistance shall be provided

- s. **Hostel facilities** :

Hostel accommodation is available for boys and girls on monthly or daily chargeable basis. The hostel fee varies from Rs. 1,000 /- to Rs. 1,600/-- (for boys) per month and Rs. 1,000/- to Rs. 1,500/- (for Girls) per month depending on the type of accommodation. However, students are required to pay the hostel fees for the duration of the course for which they are seeking admission at the time of joining the course.

An amount of Rs. 3000/- should be paid as caution deposit (hostel & mess) at the time of joining the hostel which will be refunded/adjusted at the end of the course.

t. Canteen facilities :

Canteen & Mess facility is available for both boys & girls ,students, those who avail mess facility should pay monthly mess fee of Rs. 3000/-* An amount of Rs. 1000/- should be paid as mess advance to the Canteen Contractor at the time of joining the mess which will be adjusted in the last month mess fee.

**as per the present rate of contract agreement*

- p. **Lab Facilities :** The IT Lab is equipped with high-end Intel Xeon Dual Processor based servers and more than 100 networked PCs with internet facility. A variety of software is available which include Operating Systems like Windows 2008 Server, SCO UNIX, QNX, Novel NetWare, RedHat Linux, RT Linux and development tools like Visual Studio 2010, Kylix, Rational Rose, and Cold Fusion and RDBMS like Oracle and SQL Server 2008.

u. Course Contents :

HTML, Javascript:

HTML, JavaScript - Control statements, functions, arrays, objects, events.

PHP Language:

Introduction Why PHP, History, PHP & HTML, PHP Syntax, Variables Constants, Simple Types, Operators, Control Structure - PHP Functions - Syntax, Arguments, Variables, References, Returns, Variable Scope - PHP Arrays - Creating, retrieving , iterating - Exception Handling in PHP -Try catch - PHP String Manipulation - String operators, String Functions- Using cookies in PHP, Session Management using PHP, PHP & XML , XML, DTD, PHP & XML , PHP & AJAX - Working with files and directories, Uploading files, Working with Streams.

MySQL & PHP

MySQL - SQL Tutorial, PHP/MySQL Functions PHP Database - Displaying Queries in Tables.

PHP & jQuery

jQuery Introduction , jQuery Event Handling , Working with PHP & jQuery.

Project

During the 1 month project period, students are required to develop software in any of the areas covered in the course, under the guidance of the faculty. Students can also take up relevant projects from the industry.