



COURSE PROSPECTUS

Name of the Group: **IT Group**

Name of the Course: **.Net Programming**

Course Code: **SW202**

Starting Date: **14th December 2009**

Duration: **2 Months**

Preamble: Given the growing demand for skilled professionals, and the rapid changes in technology, there is an increasing need to keep the academia abreast of the skill set requirement of the industry. The course has been designed to meet this requirement.

This job-oriented course is designed with a proper balance of theory with practice, so that students get enough hands on experience.

Objective of the Course: This 2 months intensive training course has been specifically designed to address the requirements of developers who want to become experts in .NET environment

Outcome of the Course: Participants will learn to develop applications using C#, VB.NET and ASP.NET. They will also learn to apply these languages to develop server-side applications which make use of ADO.NET, ASP.NET etc

Course Structure:

C#.NET	3 Weeks
VB.NET and ASP.NET	5 Weeks

a. Course Fees :

SW202: Rs 19826/- (including service tax)

Participants from Minority communities notified under section 2(c) of NCM Act, 1922 are eligible to attend this course free of cost. They are:- Muslims, Christians, Sikhs, Buddhists, Parsis(Zoroastrians). The annual income of the student/parent or guardian of student should not exceed Rs.2.50 lakhs from all sources and candidates must have secured the requisite percentage of marks in the qualifying examination. However they have to pay 30% of course fee (Rs 5947/-) as security deposit at the time of joining the course. The security deposit shall be returned on completion of the course by the student. The student will have to forfeit the security deposit in case he/she discontinues the course. **Out station candidates will be paid a monthly stipend of Rs 1500/-**

Mode of Payments:

- Demand Draft to be drawn in favor of The Director, DOEACC Center Calicut, Payable at State Bank of India, Calicut NIT Branch(2207). The DD should reach here before the last date to apply

- ii) Using the pay in slip, available in our web site, through any branch of SBI. The counterfoil should reach here before the last date to apply

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.

- Current Account No: 10401158037
- Bank Name: SBI, NIT Chathamangalam
- Bank Code: 2207
- IFSC : SBIN0002207(From other banks)

- iii) 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.

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 Fee/Hostel Rent/Installment Fee etc.
7. Proof of Deposit (counterfoil/acknowledgement)
8. UTR Number

b. **Eligibility:** BE/BTech, Msc(IT/ computer Science / Electronics),MCA, DOEACC 'B' level.

c. Number of Seats : 15

d. How to Apply :

Students are advised to apply 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 towards advance fee of Rs.1000/- drawn in favor of Director, DOEACC Centre, Calicut, Payable at State Bank of India, CREC Branch, Chathamangalam should be sent to the **Training Officer, DOEACC Centre Calicut, 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.** Hostel accommodation (if required) can be reserved on payment of Rs.500/- along with the advance fee.

e. Selection of candidates :

Selection of candidates will be based on their marks in the qualifying examination subject to eligibility and availability of seats.

The admission to the course shall be based on the following criteria:

1. Should have passed the eligibility criteria as mentioned above.
2. The list of selected students shall be published in our web site. Individual call letters **by email alone** will be sent to the candidates.
3. The admission for the selected students shall be confirmed only after verifying their original certificates. The verification of certificates for such candidates shall be on the date of commencement of examination.

f. Test/Interview (if applicable) : Not Applicable

g. Counseling/Admission : 14/12/09

h. Admission Procedure :

Students who have been selected for test/interview/counseling/admission are required to report to the Centre on the prescribed day by 9:30 hrs along with the following

1. Attested Copies of Proof of Age, Qualifications, etc
2. Original Certificate of the above
3. Two copies of photograph and one stamp size photograph for identity card.
4. Community Certificate.
5. Income Certificate.

The students on reaching the Centre are required to meet the Front Office Councilor (FOC). The FOC then directs the student to the Course Coordinator. The student gets the enrollment form verified by the Course Coordinator and then meets the FOC who shall direct the student to the Accounts section for payment of fees. A student is thus admitted.

i. Discontinuing the course: No fees under any circumstances shall be refunded in the event of a student discontinuing the course.

j. Course Timings : 9.15 A.M to 12.30 PM and 2.00 P.M to 5.15 PM [Monday – Friday]

k. Location and How to reach :

DOEACC CENTRE Calicut is located very near to NIT (REC) campus and is about 22Kms from Calicut (Kozhikode) city. A number of buses [Buses to NIT via Kunnamangalam] are available from "Palayam Bus Stand or KSRTC Bus Stand". Our stop is called "Panthrand" & is one stop before NIT. The bus fare is Rs.10/- from Calicut City to DOEACC Centre and is on the right side.

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

l. 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).

Telephone Numbers:

Office 0495 - 2287266 / 2287268
Director's Office 0495 - 2287123
Training Officer 0495 – 2287266
Course Coordinator 0495 – 2287266 (Ext. 226)
Office Fax 0495 - 2287168
Program Coordinator 0495- 2287179 (Ext 211/250)

E-mail: trng@doeaccalicut.ac.in

Website: www.doeaccalicut.ac.in

- m. Important Dates (if applicable) :
SW202

Last date to submit application form: 10-December-2009

Selection intimation in website: 11/12//09

Counseling/Admission: 14/12/09

Commencement of classes: 14/12/09

Payment of fees: 14/12/09

- n. Placement : Placement support will be provided
- o. Hostel facilities :
Hostel accommodation is available for boys and girls on daily or monthly chargeable basis. The hostel fee varies from 485/- to 900/- per month depending on the location 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.
- p. Canteen facilities :
The Centre has a canteen functioning at the main campus and food at reasonable rates is available for breakfast, lunch, and dinner
- q. 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 2003, NT, SCO UNIX, QNX, Novel NetWare, RedHat Linux, RT Linux and development tools like Visual Studio, BC++, Kylix, Rational Rose, and Cold Fusion and RDBMS like Oracle and SQL Server.
- r. Course Contents :
Getting Started with .Net Framework, Exploring Visual Studio .NET, Inside a C# Program, Data Types, Statements, Arrays, Using Strings, Objects, Classes and Structs, Properties, Inheritance, Indexers, Delegates, Events, Namespaces,

Generics, Collections and Data Structures, Exception Handling, Threading, Using Streams and Files, Reflection, Assemblies, versioning, Windows Forms, Controls, Data binding to Controls, Advanced Database Programming using ADO.net, Using GDI +, Networking,.net Remoting, Manipulating XML.

VB.net

Creating Applications with Visual Basic.NET, Variables, Constants, and Calculations, Making Decisions and Working with Strings, Lists, Loops, Validation, Sub Procedures and Functions, Multiple Forms, Standard Modules, and Menus, Arrays, Timers, Form Controls, File Handling, Exception Handling, Working with Databases, Advanced Database Programming using ADO.net, Classes, Generics, Collections, Inheritance, Custom Controls, Packaging & deployment, Using Crystal Reports.

ASP.net

Building a Web Application, Examples Using Standard Controls, Using HTML Controls, Validating Form Input Controls using Validation Controls, Understanding Applications and State, Applying Styles, Themes, and Skins, Creating a Layout Using Master Pages, Binding to Databases using Controls, Data Management with ADO.net , Creating a Site Navigation Hierarchy, Navigation Controls , Membership and Role Management, Login Controls, Securing Applications, Caching For Performance, Working with XML, Using Crystal Reports in Web Forms.