

**Centre for Development of Advanced Computing (C-DAC)** is the premier R&D organization of the Ministry of Electronics and Information Technology (MeitY), Government of India, spread across the country with 11 different centers and have one of our major development centre in Thiruvananthapuram.

C-DAC has been at the forefront of the Information Technology (IT) revolution, constantly building capacities in emerging/enabling technologies, innovating and leveraging its expertise, skill sets to develop and deploy IT products and solutions. C-DAC has been awarded as the 'Most Popular Training Institute in India' at the Electronics For You Awards in 2013.

Apart from design & development activities, C-DAC Thiruvananthapuram is also in the forefront of software training activities since 1992, to meet the ever-increasing skilled manpower requirements of the Information Communication Technologies (ICT) industry and focuses on imparting high level training on Embedded Systems, Mobile Applications, Open Source Technologies and other advanced areas of Information Technology. C-DAC(T) holds its Quality Management System to comply with the requirements of ISO 9001:2015.

#### **Selection Procedure**

Admission is made through a selection procedure comprising of interview/written test. The selected candidates should pay the course fee in full and join immediately.

#### **Performance Evaluation**

The progress of the trainees is evaluated on their performance in theory and practical's. CDAC awards certificates to the trainees upon successful completion of the course. Minimum attendance of 90% is mandatory. An appropriated grading system is employed in the assessment of performance.

#### **Placement Assistance**

Placement Assistance is provided to the students of various courses of KRC, however KRC does not guarantee placements, Campus recruitment by companies are governed by the recruitment policies of the company.

#### **How to Register**

Registration may be done by applying in the prescribed form, duly filled, along with a Demand Draft drawn in favour of C-DAC, Thiruvananthapuram or Chalan (facility available at SBT, Technopark Campus) for a non-refundable amount of Rs.238/- (including 18% Service Tax and 1% Flood CESS) as Registration Fee.

#### **Course Duration**

6 Weeks (Mon to Fri) 9.30 AM to 5.00 PM

#### **Eligibility**

Post Graduate or Graduate or Diploma in any discipline or PGDCA (completed or pursuing) with programming knowledge in any language

#### **Course Fee**

Rs 10,000/- + 18 %GST+ 1% Flood CESS  
Total Rs- 11,900/-

#### **Course Content**

SQL Server 2012  
Database Basics, Data Types & Constraints, Query Techniques, Stored Procedure, Functions and Triggers, Backup & Restore  
Windows Programming with C#.Net  
Introduction to .Net, Frame Work & C#.Net, Data Types, Expressions, Control Structures, Arrays, Methods, Structures, Class, Object Oriented Concepts, Interface, Delegates, Events, Collection, Generics, Threading, GUI Controls, Windows Programming Concepts, ADO.Net and XML, Advanced Topics and Deployment, Introduction to LINQ  
ASP.Net  
The ASP Programming Model, Role of Model, View, Control, MVC Pattern in ASP.Net, URL Routing, Types of Controller Actions, Creating views, Razor View Engine, ASP.Net View Engine, HTML helpers, Untyped views & Strongly typed views, Default model binder & explicit model binder, Data Annotations, Validation Helpers, Mapping relational data to .NET classes, Windows Authentication, Forms Authentication, ASP.NET Identity, Dependency Injection

#### **For Details Please Contact:**

KNOWLEDGE RESOURCE CENTRE  
CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING  
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