

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES: RAJAMPET
(AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Notice for Enrollment to Value Added Course

Convener: **Dr. A. Subramanyam, HOD, Dept. Of CSE**

Coordinator: **Mr. A.Vijaya Krishna**

Course Name: **.Net Technologies**

Resource Persons: **Mr.K.Suresh**

Target Students: **III Year CSE students**

Course Commencement from: **July 14th 2015**

No of Contact hours: 40

Registration: Interested candidates can register to the workshop by enrolling their names to Resource Persons.

Last date for the registration is 8th July 2015

Prerequisite:

This course has no specific prerequisites. However some familiarities with the following are especially helpful.

- Web Programming

Head of the Department
Computer Science & Engineering
Annamacharya Institute of Technology & Sciences
(Autonomous)
Rajampet - 522 502, Andhra Pradesh
HOD

.NET TECHNOLOGIES

(Value Added Course)

Syllabus

Unit-I

INTRODUCTION TO .NET FRAMEWORK: .NET Overview- Behind Microsoft .NET- The .NET Platform-.NET Framework Design Goals- .NET Framework- Common Language Runtime –CLR Environments and Executables-Metadata-JIT Compilation-Automatic Memory Management-Assemblies and Manifests-Intermediate Language(IL)- CTS and CLS- CLR Execution.

Unit-II

INTRODUCTION TO C# .NET PROGRAMMING: A Demonstration of Visual C#- Common Elements in Visual C- C# Core Language Features- Types- Classes- Structures- Enumeration- Inheritance- Interfaces- Polymorphism- Arrays and Collections- Generics- Operator Overloading- Delegates and Events- Introduction to LINQ Programming- Exception Handling- MSIL Programming.

Unit-III

APPLICATION DEVELOPMENT USING ADO .NET: Features of ADO .NET- Architecture of ADO .NET- ADO .NET Providers- Accessing Database using ADO .NET- Connection Opening and Closing- Command Object- Data Adapter- Dataset- Data Tables- Controlling table views with Data Views and Data Relation Objects- Data-binding in Windows Forms and Web Forms.

Unit-IV

INTRODUCTION TO ASP.NET: Introduction- Working in ASP.NET Controls- Session and Cookies- Caching- Authentication and Authorization-Web User Controls- Working with Web Config file- Implementing Security- Crystal Reports-Creating Setup and Deployment.

Unit-V

WEB SERVICES: Introduction to Web Services- Web Services Protocol and Standards- WSDL-Overview of UDDI- Calling a Web Service from a Browser- Calling a Web Service by using a proxy- Creating a Simple Web Service-AJAX

Text Books:

1. Thuan L. Thai. .NET Framework Essentials. O'Reilly, 2003, 3rd Ed.
2. Donis Marshall. Programming Microsoft Visual C# 2008. Microsoft Press 2008.
3. Francesco Balena. Programming Microsoft Visual Basic .NET. Microsoft Press 2006.

Reference Books:

1. Rebecca M. Riordan. Microsoft ADO.NET Step by Step. Microsoft Press 2002.
2. Kogent, ASP.NET 3.5 Black Book, Dream Tech Publications, 2010.
3. Andy Wigley, Peter Roxburgh. Building Microsoft ASP.NET Applications for Mobile Devices. Microsoft Press 2003, 2nd Ed.

Attendance Sheet

Value Added Course Name:

•NET Technologies

Year, Branch & Sem

III - I CSE 2015-16 Academic Year 15-16

SNO	Roll Number	14/7	15/7	16/7	21/7	22/7	23/7	24/7	28/7	29/7	4/8	5/8	6/8	11/8	12/8	13/8	25/8	26/8	27/8	9/9	10/9	16/9	17/9
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58	13701A05A8	2	A	A	A	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38

Head of the Department
 Computer Science & Engineering
 Jawahar Institute of Technology & Sciences
 Rajamaheswaram, Andhra Pradesh

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Notice for Enrollment to Value Added Course

Convener: **Dr. A.Subramanyam, HOD, Dept. Of CSE**

Coordinator: **Ms. S. Salma Begum**

Course Name: **Android Application Development**

Resource Persons: **Mr. M M Venkata Chalapathi**

Target Students: **II Year CSE students**

Course Commencement from: **Dec 26th 2015**

No of Contact hours: 40

Registration: Interested candidates can register to the workshop by enrolling their names to Resource Persons.

Last date for the registration is 20th December 2016

Prerequisite:

This course has no specific prerequisites. However some familiarities with the following are especially helpful.

- Web Design


HOD
Head of Department
Department of Computer Science & Engineering
(Autonomous)
Rajampet-515 123, Krishna Dist.

Android App Development
(Value Added Course)
Syllabus

Unit-I:

Getting started with android programming: What is android, obtaining the required tools, creating first android application, anatomy of android application.

Activities, fragments & Intents: Understanding activities, linking activities using intents, fragments, calling built-in applications using intents, displaying notifications.

Unit-II

Getting to know the android user interface: Understanding the components of a screen, adapting to display orientation, managing changes to screen orientation, utilizing the action bar, creating the user interface programmatically, and listening for UI notifications.

Designing User Interface with Views: Using basic views, using picker views, using list views to display long lists.

Unit-III

Displaying pictures and Menus with Views: Using image views to display pictures-Gallery and Image View views, using menus with views, analog and digital clock views.

Data Persistence: Saving and loading user preferences, persisting data to files, creating and using databases.

Unit-IV

Content Providers: Sharing data in android, using a content provider, creating own content providers.

Messaging: SMS messaging, sending E-mail.

Unit-V

Location based services: Displaying maps, getting a location data, monitoring a location, building a location tracker.

Developing android services: Creating your own services.

Text Book:

Beginning Android 4 Application Development, Wei-Meng Lee, Wiley India (Wrox), 2013

Reference Books:

1. Professional Android 4 Application Development, Reto Meier, Wiley India, (Wrox), 2012
2. Android Application Development for Java Programmers, James C Sheusi, Cengage Learning, 2013