

**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. K. Prasanna

Course Name: .Net Technologies

Resource Persons: B. Prashanthi

Target Students: IV Year CSE students

Course Commencement from: July 12th 2013

No of Contact hours: 40

Registration: Interested candidates can register to this course by enrolling their names to Resource Persons.

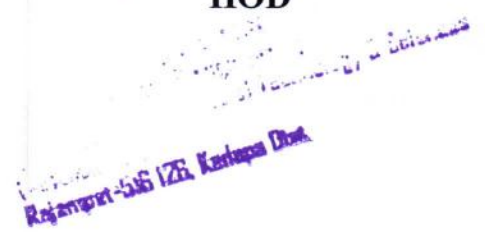
Last date for the registration is 10th July 2013

Prerequisite:

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

- Web Programming


HOD


Rajampet-516 125, Krishna Dist.

.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			IV CSE I Sem 2013 -14																					
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Head of the Department
Computer Science & Engineering
Annamacharya Institute of Technology & Sciences
M. V. Subrahmanyam
Hyderabad-500 025, Yadadri Dist.

**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: J.Maruthi Nagendra Prasad

Course Name: Linux Programming

Resource Persons: Mr. M. Nageswara Prasad

Target Students: III Year CSE students

Course Commencement from: July 15th 2013


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 12th July 2013

Prerequisite:

This course has no specific prerequisites.


Head of Department
Department of Computer Science & Engineering
Annamacharya Institute of Technology & Sciences
(Autonomous)
Rajampet-515 126, Kadapa Dist.
HOD

LINUX PROGRAMMING

(Value Added Course)

Syllabus

UNIT I

LINUX UTILITIES: File Handling Utilities, Security by File Permissions, Process Utilities, Disk Utilities, Networking Commands, Filters, Text Processing Utilities. Sed: Scripts, Operation, Addresses, Commands, Applications, Awk: Execution, Fields and Records, Scripts, Operation, Patterns, Actions, Functions, Using System Commands in Awk.

UNIT II

Working with the Bourne Again Shell (Bash): Introduction, Shell Responsibilities, Pipes and Input Redirection, Output Redirection, Here Documents, Running a Shell Script, The Shell as a Programming Language, Shell Meta Characters, File Name Substitution, Shell Variables, Command Substitution, Shell Commands, The Environment, Quoting, Test Command, Control Structures, Arithmetic in Shell, Shell Script Examples, Interrupt Processing, Functions, Debugging Shell Scripts.

UNIT III

FILES: File Concept, File System Structure, Inodes, File Attributes, File Types, Library Functions, Kernel Support for Files, System Calls, File Descriptors, Low Level File Access – File Structure Related System Calls (File Apis), File and Record Locking.

UNIT IV

Process, Process Concept, Kernel Support for Process, Process Attributes, Process Control, Process Creation, Waiting for a Process, Process Termination, Zombie Process, Orphan Process, Process Apis. Signals: Introduction to Signals, Signal Generation and Handling, Kernel Support for Signals, Signal Function, Unreliable Signals, Reliable Signals, Kill, Raise, Alarm, Pause, Abort, Sleep Functions.

UNIT V

INTER PROCESS COMMUNICATION: Introduction to IPC, Pipes, Fifos, Introduction to Three Types of IPC-Message Queues, Semaphores and Shared Memory. Message Queues: Kernel Support for Messages, Unix System V Apis for Messages, Client/Server Example.

SEMAPHORES: Kernel Support for Semaphores, Unix System V Apis for Semaphores. **SHARED MEMORY:** Kernel Support for Shared Memory, Unix System V Apis for Shared Memory, Semaphore and Shared Memory Example.

TEXT BOOKS:

1. B.A.Forouzan and R.F.Gilberg, Unix and Shell programming, Cengage Learning.
2. N.Matthew, R.Stones, Beginning Linux Programming, Wrox, Wiley India Edition. 4th edition.
3. T.Chan, Unix System Programming using C++, PHI.
4. Sumitabha Das, Unix Concepts and Applications, TMH, 4th edition.

REFERENCE BOOKS:

1. Robert Love, Linux System Programming, O'Reilly, SPD.
2. W.R.Stevens ,Advanced Programming in the Unix environment, Pearson Education. 2nd edition.
3. W.R.Stevens, Unix Network Programming, PHI.
4. Graham Glass, King Ables, Unix for programmers and users, Pearson Education.
5. Unix The Text book, Second Edition, S.M.Sarwar, R.Koretsky, S.A.Sarwar, Pearson Education, 3rd edition.
6. U.Vahalia, Unix Internals,Pearson Education.
7. S.G.Kochan and P.Wood, Unix Shell ProgrammingPearson Education, 3rd edition.

Attendance Sheet																										
Value Added Course Name:			Linux programming																							
Year ,Branch &Sem			III CSE I Sem 2013-14																							
SNO	Roll Number	15/7	16/7	17/7	18/7	22/7	23/7	24/7	25/7	29/7	30/7	31/7	1/8	6/8	7/8	8/8	12/8	13/8	14/8	19/8	20/8	21/8	22/8	24/8		
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53	11701A0595	2	A	4	6	8	10	12	14	16	A	18	20	22	24	26	A	28	30	32	34	36	38	40
54	11701A0596	2	4	A	6	8	10	12	14	16	18	20	22	A	24	26	28	30	32	34	A	36	38	40
55	11701A0597	A	2	4	6	A	8	10	12	14	16	A	18	20	22	24	26	28	30	32	34	36	A	38
56	11701A0598	2	A	4	6	8	10	12	A	14	16	18	20	22	24	26	28	30	A	32	34	36	38	40
57	11701A0599	2	4	A	6	8	10	12	14	16	18	20	22	24	A	26	28	30	32	34	A	36	38	40

Head of the Department
Computer Science & Engineering
Anantacharya Institute of Technology & Sciences
(Autonomous)
Rajampet-522 502, Kadapa Dist.

**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.K.Prasanna

Course Name: Web Programming

Resource Persons: S. Suraj Kamal

Target Students: II Year CSE students

Course Commencement from: July 12th 2013


No of Contact hours: 40

Registration: Interested candidates can register to this course by enrolling their names to Resource Persons.

Last date for the registration is 5th July 2013

Prerequisite:

This course has no specific prerequisites.


HOD
Dr. A. Subramanyam
Head of Department
Department of Computer Science & Engineering
Annamacharya Institute of Technology & Sciences
Rajampet-522 002 (A.P.)

Attendance Sheet																								
Value Added Course Name:		Web programming																						
Year, Branch & Sem		II CSE I sem																						
SNO	Roll Number	12/7	18/7	19/7	20/7	25/7	24/7	1/8	2/8	3/8	8/8	9/8	16/8	17/8	22/8	23/8	24/8	29/8	30/8	31/8	5/9	6/9	7/9	
1	12701A0501	2	4	6	8	10	12	14	16	18	20	22	24	A	26	28	30	32	34	36	38	40	42	
2	12701A0503	2	4	A	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	A	38	40	
3	12701A0505	2	4	6	8	10	A	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	
4	12701A0507	2	4	6	8	10	12	14	16	A	18	20	22	24	26	28	30	32	34	36	38	40	42	
5	12701A0508	2	4	6	8	10	12	14	16	18	20	22	A	24	26	28	30	32	34	36	38	40	42	
6	12701A0509	2	4	6	8	10	10	12	14	16	18	20	22	24	26	A	28	30	32	34	36	38	40	
7	12701A0510	2	4	6	A	8	10	12	14	16	18	20	22	24	26	28	30	32	A	34	36	38	40	
8	12701A0511	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	A	
9	12701A0513	2	4	6	8	10	12	14	16	18	20	22	24	26	A	28	30	32	34	A	36	38	40	
10	12701A0514	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	A	32	34	36	38	40	42	
11	12701A0517	2	4	6	8	10	12	14	16	18	20	22	24	A	26	28	30	32	A	34	36	38	40	
12	12701A0518	2	4	6	8	10	12	14	16	18	A	20	22	24	26	28	30	32	34	36	38	40	42	
13	12701A0519	2	4	6	8	10	12	A	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	
14	12701A0520	2	4	6	A	8	10	12	14	16	18	20	22	24	26	28	30	32	34	A	36	38	40	
15	12701A0521	2	4	6	8	10	12	14	A	16	18	20	22	24	26	28	A	30	32	34	36	38	40	
16	12701A0523	2	A	4	6	8	10	12	14	16	18	20	22	24	A	26	28	30	32	34	36	38	40	
17	12701A0525	2	4	6	8	A	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	
18	12701A0526	2	4	6	8	10	12	14	A	16	18	20	22	24	26	28	30	32	34	A	36	38	40	
19	12701A0527	2	A	4	6	8	10	12	14	16	18	A	20	22	24	26	A	28	30	32	34	36	38	
20	12701A0529	2	4	6	8	10	12	14	16	18	20	22	24	26	A	28	30	32	34	36	38	40	42	
21	12701A0531	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	A	34	36	38	40	42	
22	12701A0532	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	A	40	42	
23	12701A0535	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	
24	12701A0536	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	A	36	38	40	42	
25	12701A0537	2	4	6	8	10	12	14	16	18	20	22	24	26	28	A	30	32	34	36	38	A	40	
26	12701A0538	2	4	6	8	10	12	14	16	18	20	22	A	24	26	28	30	32	34	36	38	40	42	
27	12701A0539	2	4	6	8	10	12	14	A	16	18	20	22	24	26	28	30	32	A	34	36	38	40	
28	12701A0540	2	4	6	A	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	A	
29	12701A0542	A	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	

30	12701A0543	A	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	
31	12701A0544	2	4	6	A	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	
32	12701A0550	2	4	6	8	10	12	14	A	16	18	20	22	24	26	28	30	32	34	36	38	A	40	
33	12701A0551	2	4	6	8	10	12	14	16	18	20	22	A	A	24	26	28	30	32	34	36	38	40	
34	12701A0555	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	A	32	A	34	36	38	40	
35	12701A0556	2	4	6	A	8	10	12	14	16	18	20	22	24	26	28	30	32	34	A	36	38	40	
36	12701A0557	2	A	4	6	8	10	A	12	14	A	16	18	20	22	A	24	26	28	30	32	34	36	A
37	12701A0560	2	4	A	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	
38	12701A0564	2	4	6	8	10	A	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	
39	12701A0565	2	4	6	8	10	12	14	16	18	A	20	22	24	26	28	A	30	32	A	34	36	38	
40	12701A0566	2	4	6	8	10	12	14	A	16	18	A	20	A	A	22	24	26	28	30	32	34	36	
41	12701A0567	A	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	A	32	34	36	38	40	
42	12701A0568	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	A	42	
43	12701A0572	2	4	6	A	8	10	12	14	16	18	20	22	24	A	26	28	30	32	34	36	38	40	
44	12701A0573	2	4	6	8	10	12	A	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	
45	12701A0574	2	4	6	8	A	10	12	14	16	18	A	20	22	24	26	28	30	32	34	36	38	40	
46	12701A0575	2	4	6	8	10	12	A	14	16	18	20	22	24	26	A	28	30	32	34	36	38	40	
47	12701A0577	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	A	36	38	40	42	
48	12701A0581	2	A	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	
49	12701A0583	2	4	6	8	A	10	12	14	16	18	20	22	24	26	A	28	30	32	34	36	38	40	
50	12701A0584	2	4	6	8	10	12	14	16	A	18	20	22	24	26	28	30	32	34	36	38	40	42	
51	12701A0585	2	4	6	8	10	12	14	16	18	20	22	24	A	26	28	30	32	34	36	38	40	42	
52	12701A0590	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	A	32	34	36	38	40	42	
53	12701A0596	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	A	38	40	42	
54	12701A0599	2	4	6	A	8	10	12	14	A	16	18	20	22	24	26	28	30	32	34	36	38	A	

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