

**KANDULA SRINIVASA REDDY MEMORIAL COLLEGE OF ENGINEERING
(AUTONOMOUS)**

KADAPA-516003. AP

(Approved by AICTE, Affiliated to JNTU A, Ananthapuramu, Accredited by NAAC)

(An ISO 9001-2008 Certified Institution)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Certification Course

on

“.net Technologies”

Resource Persons : 1) Sri. S. Khaja khizar, Assistant Professor, CSE Dept.,
2) Smt. B. Manorama, Assistant Professor, CSE Dept.,

Coordinators : 1) Dr. J. Kaliyppan, Associate Professor, ECE Dept.,
2) Dr. K. Murali Babu, Associate Professor, ECE Dept.,

Duration: 20/01/2020 to 06/02/2020



K.S.R.M. COLLEGE OF ENGINEERING (UGC-AUTONOMOUS)

Kadapa, Andhra Pradesh, India- 516 003

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

An ISO 14001:2004 & 9001: 2015 Certified Institution

Lr./KSRMCE/ECE/2019-20/

Date: 15/01/2020

To
The Principal,
KSRMCE,
Kadapa.

Respected Sir,

Sub: Permission to Conduct Certification Course on “.net Technologies”
20/01/2020 to 06/02/2020-Req- Reg.

The Department of Electronics and communication engineering is planning to offer a Certification Course on “.net Technologies” to B.Tech. Students. The course will be conducted from 20/01/2020 to 06/02/2020. In this regard, I kindly request you to grant permission to conduct a Certification Course.

Thanking you sir,

Kaliyappan
Yours faithfully

(Dr.J.Kaliyappan, Assoc...Professor in ECED)

*Forwarded to the
Principal Sir
G. H. H.*

V.S.S. mm/19
PRINCIPAL
K.S.R.M. COLLEGE OF ENGINEERING
KADAPA-516005, (A.P.)



K.S.R.M. COLLEGE OF ENGINEERING (UGC-AUTONOMOUS)

Kadapa, Andhra Pradesh, India- 516 003

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Cr./KSRMCE/ECE/2019-20/

Date: 15/01/2020

Circular

The Department of Electronics and Communication Engineering is offering a Certification Course on “.net Technologies” from 20/01/2020 to 06/02/2020—to B. Tech students. In this regard, interested students are requested to register their names for the Certification Course with Course Coordinator.

For further information contact the Course Coordinator.

Course Coordinator: Dr.J.Kaliyappan, Assoc.professor, Dept. of ECE.-KSRMCE.

Cc to:

IQAC-KSRMCE

HoD

Professor & H.O.D.
Department of E.C.E.
K.S.R.M. College of Engineering
KADAPA - 516 003



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DEPARTMENT OF ECE

REGISTRATION FORM

Certification Course on

“.net Technologies”

From 20/01/2020 to 06/02/2020

S.No	Full Name	Roll Number	Branch	Semester	Signature
1.	Adurri Vishnu Vardhan Reddy	179Y1A0401	ECE	VI SEM	Vishnu
2.	Ala Lakshmi Sai Gowri	179Y1A0402	ECE	VI SEM	Gowri
3.	Ambati Gurusiva	179Y1A0403	ECE	VI SEM	Gurusiva
4.	Ankana Sunitha	179Y1A0406	ECE	VI SEM	Sunitha
5.	Anuguru Vineela	179Y1A0408	ECE	VI SEM	Vineela
6.	Athikari Prathyusha	179Y1A0409	ECE	VI SEM	Prathyusha
7.	Balam Srinath	179Y1A0413	ECE	VI SEM	Srinath
8.	Bathala Manoj	179Y1A0421	ECE	VI SEM	Manoj
9.	Boya Gunasekhar	179Y1A0425	ECE	VI SEM	Gunasekhar
10.	Bukkey Rakesh Naik	179Y1A0426	ECE	VI SEM	Rakesh
11.	Chillathoyi Keerthi	179Y1A0432	ECE	VI SEM	Keerthi
12.	Dara Sekhar	179Y1A0435	ECE	VI SEM	Sekhar
13.	Erigela Mounika	179Y1A0440	ECE	VI SEM	Mounika
14.	Ethakoti Rajesh	179Y1A0441	ECE	VI SEM	Rajesh
15.	Gajjala Divya	179Y1A0443	ECE	VI SEM	Divya
16.	Galigutta Vidya	179Y1A0447	ECE	VI SEM	Vidya

17.	Gangarapu Mythri	179Y1A0449	ECE	VI SEM	Gangarapu
18.	Guduru Harikrishna	179Y1A0455	ECE	VI SEM	<u>Guduru</u>
19.	Kalluru Sunandhana	179Y1A0459	ECE	VI SEM	Sunandhana
20.	Kambam Vasu Kalyan Reddy	179Y1A0460	ECE	VI SEM	Kambam Reddy
21.	Kambella Samba	179Y1A0461	ECE	VI SEM	Samba
22.	Kambham Adwaith	179Y1A0462	ECE	VI SEM	Adwaith
23.	Ketha Madhava Reddy	179Y1A0464	ECE	VI SEM	Ketha Reddy
24.	Kolla Manohar	179Y1A0466	ECE	VI SEM	Manohar
25.	Kollapudi Keerthana	179Y1A0467	ECE	VI SEM	Keerthana
26.	Komme Seshu	179Y1A0468	ECE	VI SEM	Seshu
27.	Konda Kondaiah	179Y1A0469	ECE	VI SEM	Kondaiah
28.	Konkala Dharani	179Y1A0470	ECE	VI SEM	Dharani
29.	Lomada Jayasree	179Y1A0473	ECE	VI SEM	Jayasree
30.	Majjari Sreekanth	179Y1A0475	ECE	VI SEM	Sreekanth
31.	Mallu Jyothi	179Y1A0477	ECE	VI SEM	Jyothi
32.	Mallu Pavithra	179Y1A0478	ECE	VI SEM	Pavithra
33.	Mandla Suresh Kumar	179Y1A0479	ECE	VI SEM	Suresh Kumar
34.	Mesha Divya Sree	179Y1A0481	ECE	VI SEM	Divya Sree
35.	Mukkamalla Dadavali	179Y1A0484	ECE	VI SEM	Dadavali
36.	Nalla Vijay Kumar	179Y1A0487	ECE	VI SEM	Vijay Kumar
37.	Neelam Pravallika	179Y1A0490	ECE	VI SEM	Pravallika
38.	Obu Swathi	179Y1A0492	ECE	VI SEM	Swathi
39.	P Nazma	179Y1A0494	ECE	VI SEM	Nazma
40.	P Prathyusha	179Y1A0496	ECE	VI SEM	Prathyusha
41.	Pasavala Venkata Ramana	179Y1A0499	ECE	VI SEM	Ramana
42.	P Ushasree	179Y1A04A0	ECE	VI SEM	Ushasree
43.	Pogili Sivalahari	179Y1A04A5	ECE	VI SEM	<u>Sivalahari</u>
44.	Ranahir Reddy U	179Y1A04B0	ECE	VI SEM	Ranahir
45.	Shaik Athar	179Y1A04B6	ECE	VI SEM	Athar
46.	Shaik Fuzail	179Y1A04B7	ECE	VI SEM	Fuzail
47.	Shaik Jabeer	179Y1A04B8	ECE	VI SEM	Jabeer
48.	Shaik Shavalli	179Y1A04C2	ECE	VI SEM	Shavalli
49.	Shaik Tanveer	179Y1A04C3	ECE	VI SEM	Tanveer
50.	Sunkesula Preethi	179Y1A04C5	ECE	VI SEM	Preethi
51.	Thovi Pavan Kumar	179Y1A04D0	ECE	VI SEM	Pavan Kumar

52.	Utti Bhavya Sree	179Y1A04D3	ECE	VI SEM	<i>U. Bhavya Sree</i>
53.	V Nagaraju	179Y1A04D4	ECE	VI SEM	<i>V. Nagaraju</i>
54.	Vours Bhavani	179Y1A04D9	ECE	VI SEM	<i>V. Bhavani</i>
55.	Yama Swetha	179Y1A04E5	ECE	VI SEM	<i>Y. Swetha</i>

Kalyan
Coordinators

G. H. M.
HoD

Professor & H.O.D.
Department of E.C.E.
K.S.R.M. College of Engineering
KADAPA - 516 003.



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Date:

DEPARTMENT OF ECE

REGISTRATION FORM

Certification Course

On

“.net Technologies” From 20/01/2020 to 06/02/2020

S.No	Full Name	Roll Number	Branch	Semester	Signature
1	Aduri Vishnuvardhan	179Y1A0401	ECE	V	Vishnu
2	Aa. Lakshmi Sai Gowri	179Y1A0402	ECE	V	Lakshmi
3	A. GUNESIVA	179Y1A0403	ECE	V	Gunesiva
4	A. Sunitha	179Y1A0404	ECE	V	Sunitha
5	A. Vinodha	179Y1A0405	ECE	V	Vinodha
6	A. Prathyusha	179Y1A0406	ECE	V	Prathyusha
7	Balam. Srinath	179Y1A0413	ECE	V	Srinath
8	Bathala. Manoj	179Y1A0421	ECE	V	manoj
9	Boya Guna Sekhar	179Y1A0425	ECE	V	Guna Sekhar
10	B. Rakesh Naik	179Y1A0426	ECE	V	Rakesh Naik
11	Chittaroyi. Keerthi	179Y1A0432	ECE	V	Keerthi
12	Dara. Sekhar	179Y1A0435	ECE	V	Sekhar
13	Erigela. Manika	179Y1A0440	ECE	V	Manika
14	Ethakoti. Rajesh	179Y1A0441	ECE	V	Rajesh
15	Gajjala. Divya	179Y1A0443	ECE	V	Divya
16	G. Vidhya	179Y1A0447	ECE	V	Vidhya
17	G. Mythai	179Y1A0449	ECE	V	Mythai
18	G. Harikrishna	179Y1A0455	ECE	V	Harikrishna
19	K. Sunandhana	179Y1A0459	ECE	V	Sunandhana
20	K. Kalyan Reddy	179Y1A0460	ECE	V	Kalyan Reddy
21	K. Samba	179Y1A0461	ECE	V	Samba
22	K. Adwith	179Y1A0462	ECE	V	Adwith
23	K. Madhana Reddy	179Y1A0464	ECE	V	Madhana Reddy
24	K. Manohar	179Y1A0466	ECE	V	Manohar
25	K. Keerthana	179Y1A0467	ECE	V	Keerthana
26	K. Seesha	179Y1A0468	ECE	V	Seesha
27	K. Kondiah	179Y1A0469	ECE	V	Kondiah

Certification Course

Course name: .net technologies

Course Objectives:

1. .net is a framework that provides programming guidelines that can be used to develop a wide range of applications from web to mobile to windows-based application.
2. The .net Framework is a **development framework** that provides a new programming interface to Windows services and APIs, and integrates a number of technologies.

Course Outcomes: At the end of the course participants will be able to

1. Understand the basics of VB.NET&ASP.NET
2. Understand the concept of error and exception handling.
3. Understand the OOPS Concepts.
4. Apply the C#.net in designing process.

Unit 1: Introduction to the .net initiative and the .net platform

Unit 2: Code Management

Unit 3: Object oriented programming concepts and Error and Exception handling

Unit 4: Using controls and components for designing application.

Unit 5: Design web application using ASP.net,C#.net

Textbooks:

1. C# 6.0 and the .NET 4.6 Frame work by Andrew Troelsen and Philip Japikse.
2. Programming Entity Frame work by Julia Lerman.
3. Pro ASP.Net MVC 5 (Expert's Voice in ASP.Net)by Adam Freeman.
4. Dependency Injection in .NET by Mark Seemann.
5. C# in Depth by Jon Skeet.



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SCHEDULE

Department of ECE

Certification Course

On

“.net Technologies” From 20/01/2020 to 06/02/2020-

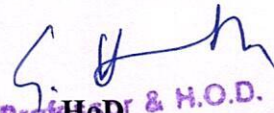
Date	Timing	Resource person	Topic to be covered
20/01/2020	2:00pm-3:00pm	Sri. S. Khaja Khizar Smt. B.Manorama	Inauguration, Introduction to the .NET initiative
20/01/2020	3:00pm-4:00pm	Sri. S. Khaja Khizar Smt. B.Manorama	The .NET platform Code Management
20/01/2020	4:00pm-5:00pm	Sri. S. Khaja Khizar Smt. B.Manorama	The .NET platform Code Management
21/01/2020	2:00pm-3:00pm	Sri. S. Khaja Khizar	Object oriented programming concepts: Encapsulating Attribute
21/01/2020	3:00pm-4:00pm	Sri. S. Khaja Khizar	Class & Object Creation, Define Constructor
21/01/2020	4:00pm-5:00pm	Sri. S. Khaja Khizar	Class & Object Creation, Define Constructor
22/01/2020	2:00pm-3:00pm	Sri. S. Khaja Khizar	Object oriented programming concepts: Encapsulating Attribute Class & Object Creation, Define Constructor Type of Constructor
22/01/2020	3:00pm-4:00pm	Sri. S. Khaja Khizar	Define Methods and their Type Overloading Methods and Constructor overloading
22/01/2020	4:00pm-5:00pm	Sri. S. Khaja Khizar	Define Methods and their Type Overloading Methods and Constructor overloading

23/01/2020	2:00pm-3:00pm	Smt. B.Manorama	Define Property and their Types
23/01/2020	3:00pm-4:00pm	Smt. B.Manorama	The Memory Allocation with New Keyword
23/01/2020	4:00pm-5:00pm	Smt. B.Manorama	The Memory Allocation with New Keyword
24/01/2020	2:00pm-3:00pm	Smt. B.Manorama	Passing Initial Values with Constructor
24/01/2020	3:00pm-4:00pm	Smt. B.Manorama	Invoking Property and Methods
24/01/2020	4:00pm-5:00pm	Smt. B.Manorama	Invoking Property and Methods
25/01/2020	2:00pm-3:00pm	Smt. B.Manorama	Implementing Inheritance Hierarchies Class Access Modifiers Method Overloading, Overriding and Hiding Concepts
25/01/2020	3:00pm-4:00pm	Smt. B.Manorama	Run time polymorphism Abstract and Sealed Class Exposing Interface Implementation Interface in a Class
25/01/2020	4:00pm-5:00pm	Smt. B.Manorama	Implementing Inheritance Hierarchies Class Access Modifiers Method Overloading, Overriding and Hiding Concepts
27/01/2020	2:00pm-3:00pm	Smt. B.Manorama	Play with Namespaces Interface Polymorphism
27/01/2020	3:00pm-4:00pm	Smt. B.Manorama	Operator Overloading Partial Class
27/01/2020	4:00pm-5:00pm	Smt. B.Manorama	Operator Overloading Partial Class
28/01/2020	2:00pm-3:00pm	Smt. B.Manorama	Means of Error, Bug and Exceptions
28/01/2020	3:00pm-4:00pm	Smt. B.Manorama	Role of .Net Exception Handling System Level Exception Application Level Exception
28/01/2020	4:00pm-5:00pm	Smt. B.Manorama	Means of Error, Bug and Exceptions

29/01/2020	2:00pm-3:00pm	Smt. B.Manorama	Try and Catch Block Handling Multiple Exception Finally Block Throw Exception on Request Custom
29/01/2020	3:00pm-4:00pm	Smt. B.Manorama	Exception Using controls and components for designing application.
29/01/2020	4:00pm-5:00pm	Smt. B.Manorama	Exception Using controls and components for designing application.
30/01/2020	2:00pm-3:00pm	Sri. S. Khaja Khizar	Using controls and components for designing application.
30/01/2020	3:00pm-4:00pm	Sri. S. Khaja Khizar	Design web application using ASP.net
30/01/2020	4:00pm-5:00pm	Sri. S. Khaja Khizar	Design web application using ASP.net
31/01/2020	2:00pm-3:00pm	Sri. S. Khaja Khizar	Design web application using ASP.net
31/01/2020	3:00pm-4:00pm	Sri. S. Khaja Khizar	Design web application using ASP.net
31/01/2020	4:00pm-5:00pm	Sri. S. Khaja Khizar	Design web application using ASP.net
01/02/2020	2:00pm-3:00pm	Sri. S. Khaja Khizar	Design web application using ASP.net
01/02/2020	3:00pm-4:00pm	Sri. S. Khaja Khizar	Design web application using ASP.net
01/02/2020	4:00pm-5:00pm	Sri. S. Khaja Khizar	Design web application using ASP.net
03/02/2020	2:00pm-3:00pm	Sri. S. Khaja Khizar	Design web application using ASP.net
03/02/2020	3:00pm-4:00pm	Sri. S. Khaja Khizar	Design web application using ASP.net
03/02/2020	4:00pm-5:00pm	Smt. B.Manorama	Design web application using ASP.net
04/02/2020	2:00pm-3:00pm	Smt. B.Manorama	Design web application using ASP.net
04/02/2020	3:00pm-4:00pm	Sri. S. Khaja Khizar Smt. B.Manorama	Design web application using ASP.net
04/02/2020	4:00pm-5:00pm	Sri. S. Khaja Khizar Smt. B.Manorama	Design web application using ASP.net
05/02/2020	2:00pm-3:00pm	Sri. S. Khaja Khizar Smt. B.Manorama	Design web application using ASP.net
05/02/2020	3:00pm-4:00pm	Sri. S. Khaja Khizar	Design web application using ASP.net

		Smt. B.Manorama	
05/02/2020	4:00pm-5:00pm	Sri. S. Khaja Khizar Smt. B.Manorama	Design web application using ASP.net
06/02/2020	2:00pm-3:00pm	Sri. S. Khaja Khizar Smt. B.Manorama	Distribution of Certificates and Vote of Thanks
06/02/2020	3:00pm-4:00pm	Sri. S. Khaja Khizar Smt. B.Manorama	Distribution of Certificates and Vote of Thanks
06/02/2020	4:00pm-5:00pm	Sri. S. Khaja Khizar Smt. B.Manorama	Distribution of Certificates and Vote of Thanks

Kalivyan
Coordinator(s)


Prof. HoD & H.O.D.
Department of E.C.E.
K.S.R.M. College of Engineering
KADAPA - 516 003

43	179Y1A04A 5	Pogili Sivalahari	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
44	179Y1A04B 0	Ranahir Reddy U	A	P	P	P	A	P	A	P	P	A	P	P	P	P	P	P
45	179Y1A04B 6	Shaik Athar	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P
46	179Y1A04B 7	Shaik Fuzail	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
47	179Y1A04B 8	Shaik Jabeer	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
48	179Y1A04C 2	Shaik Shavalli	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
49	179Y1A04C 3	Shaik Tanveer	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P
50	179Y1A04C 5	Sunkesula Preethi	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
51	179Y1A04D 0	Thovi Pavan Kumar	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P
52	179Y1A04D 3	Utti Bhavya Sree	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
53	179Y1A04D 4	V Nagaraju	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
54	179Y1A04D 9	Vours Bhavani	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A
55	179Y1A04E 5	Yama Swetha	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P

Kalipyan
Coordinator(s)

G. H. M.

HoD

Professor & H.O.D.
Department of E.C.E.
K.S.R.M. College of Engineering
KADAPA - 516 003

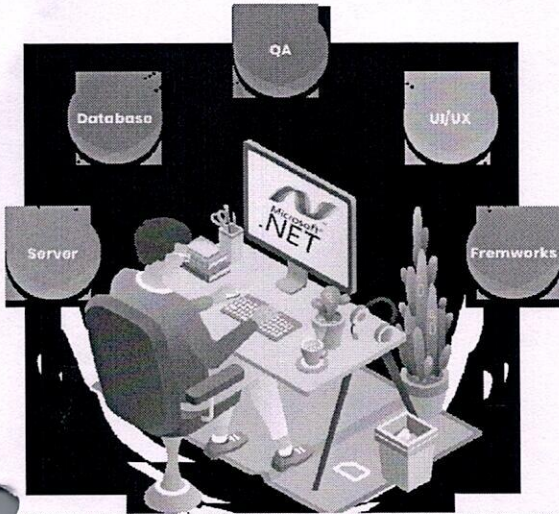


KSRM COLLEGE OF ENGINEERING

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CERTIFICATION COURSE

.net Technologies



Department of ECE



DataBase Lab



20/01/2020 to 06/02/2020

Resource Persons

Sri S. Khaja Khizar
Asst. Prof., CSE

Smt. B. Manorama
Asst. Prof., CSE

Coordinators

Dr. J. Kaliyappan
Assoc. Prof., ECE

Dr. K. Murali Babu
Assoc. Prof., ECE

Dr. C. HEMALATHA
(Professor & Head)

Dr. V.S.S. Murthy
(Principal)

Prof. A. MOHAN
(Director)

Sri K. Sivananda Reddy
(Correspondent, Secretary, Treasurer)

Sri K. Madan Mohan Reddy
(Vice - Chairman)

Sri S. Sankar Reddy
(Chairman)



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ACTIVITY REPORT

**Certification Course
On
“*net Technology*”
20/01/2020 to 06/02/2020**

- Target Group** : **B.Tech Students**
- Details of Participants** : **55 Students**
- Resource persons** : **1) Sri. S. Khaja khizar, Assistant professor, CSE Dept
2) Smt. B. Manoramma, Assistant professor, CSE Dept**
- Coordinators** : **1) Dr. J. Kaliyppan, Associate Professor, ECE Dept.,
2) Dr. K. MuraliBabu, Associate Professor, ECE Dept.,**
- Organizing Department** : **Electronics and Communication Engineering**

Description:

Certification Course on “.net Technology ” was organized by Dept. of ECE from 20/01/2020 to 06/02/2020. Sri. S. KhajaKhizar and Smt. B.Manoramma acted as a resource persons. The main aim of the course is to create awareness among students Create user interactive web pages using ASP.Net,C#.net,VB.net Create simple data binding applications using .Net connectivity and Performing Database operations for Windows Form and web applications. The course was successfully completed and participation certificates were provided to the participants.

Photos:



Fig: Resource person delivering the lecture



Fig: Participants listening the lecture

Kalipyan
Coordinators

G. H. H.
HoD
Professor & H.O.D.
Department of E.C.E.
K.S.R.M. College of Engineering,
KADAPA - 516 522



KSRM COLLEGE OF ENGINEERING

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Approved by AICTE, New Delhi, Affiliated to JNTUA, Ananthapuramu.
Kadapa, Andhra Pradesh, India- 516003.

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. B. MANOJ
bearing roll no 179Y1AD421 has Completed a Certificate
Course on ".net Technologies" organized by the department of **Electronics
Communication Engineering**, KSRM College of Engineering from 20/01/20
to 06/02/2020

Kelipyan
Coordinator

G. H. h
HoD, ECE

V. S. S. Murthy
Principal



KSRM COLLEGE OF ENGINEERING

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Kadapa, Andhra Pradesh, India- 516003.

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. N. PRAVALIKA
bearing roll no 179VIA0490 has Completed a Certificate
Course on ".net Technologies" organized by the department of **Electronics
Communication Engineering** , KSRM College of Engineering from 20/01/2020
to 06/02/2020

Kalpyan
Coordinator

G. H. H.
HoD, ECE

V. S. S. Murthy
Principal



KSRM COLLEGE OF ENGINEERING

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Kadapa, Andhra Pradesh, India- 516003.

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. E. NOUNIKA
bearing roll no 179 Y1A0440 has Completed a Certification
Course on ".net Technologies" organized by the department of **Electronics**
Communication Engineering, KSRM College of Engineering from 20/01/2020
to 06/02/2020

Kelipyan
Coordinator

G. H. h
HoD, ECE

V. S. S. Murthy
Principal



K.S.R.M. COLLEGE OF ENGINEERING

(UGC-AUTONOMOUS)

Kadapa, Andhra Pradesh, India- 516 003

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

An ISO 14001:2004 & 9001: 2015 Certified Institution

Certification Course on

“.net Technologies”

From 20/01/2020 to 06/02/2020

Feedback responses

S.No.	Roll No	Year & Semester	Branch	Is the course content met your expectation	Is the lecture sequence well planned	The contents of the course is explained with examples	Is the level of course high	Is the course exposed you to the new knowledge and practices	Is the lecturer clear and easy to understand	Rate the value of course in increasing your skills	Any issues
1	179Y1A0401	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	3	5	Nothing
2	179Y1A0402	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	3	4	very good
3	179Y1A0403	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	5	Good
4	179Y1A0406	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	4	very good
5	179Y1A0408	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	4	5	Nothing
6	179Y1A0409	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	4	3	Good
7	179Y1A0413	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	5	4	Good

8	179Y1A0421	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	5	4	Nothing
9	179Y1A0425	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	5	Nothing
10	179Y1A0426	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	4	3	Very Good
11	179Y1A0432	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	4	5	Good
12	179Y1A0435	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	5	4	Good
13	179Y1A0440	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	3	5	Nothing
14	179Y1A0441	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	5	very good
15	179Y1A0443	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	4	Nothing
16	179Y1A0447	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	4	5	very good
17	179Y1A0449	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	5	3	No
18	179Y1A0455	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	3	4	Nothing
19	179Y1A0459	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	5	Good
20	179Y1A0460	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	3	3	Good
21	179Y1A0461	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	5	Good
22	179Y1A0462	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	5	5	Nothing
23	179Y1A0464	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	4	4	Good
24	179Y1A0466	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	4	4	Good
25	179Y1A0467	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	4	4	Good


26	179Y1A0468	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	5	5	Nothing
27	179Y1A0469	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	5	3	No
28	179Y1A0470	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	4	4	No
29	179Y1A0473	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	4	3	No
30	179Y1A0475	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	4	No
31	179Y1A0477	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	4	nothing
32	179Y1A0478	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	5	3	Nothing
33	179Y1A0479	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	4	4	No
34	179Y1A0481	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	4	5	Nothing
35	179Y1A0484	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	5	Good
36	179Y1A0487	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	3	5	Nothing
37	179Y1A0490	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	3	4	very good
38	179Y1A0492	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	5	Good
39	179Y1A0494	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	4	very good
40	179Y1A0496	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	4	5	Nothing
41	179Y1A0499	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	4	3	Good
42	179Y1A04A0	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	5	4	Good
43	179Y1A04A5	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	5	4	Nothing

44	179Y1A04B0	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	5	Nothing
45	179Y1A04B6	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	4	3	Very Good
46	179Y1A04B7	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	4	5	Good
47	179Y1A04B8	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	5	4	Good
48	179Y1A04C2	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	3	5	Nothing
49	179Y1A04C3	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	5	very good
50	179Y1A04C5	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	4	Nothing
51	179Y1A04D0	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	4	5	very good
52	179Y1A04D3	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	5	3	No
53	179Y1A04D4	B.Tech VI sem	ECE	Yes	Yes	agree	Agree	Strongly agree	3	4	Nothing
54	179Y1A04D9	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	5	5	Good
55	179Y1A04E5	B.Tech VI sem	ECE	Yes	Yes	Strongly agree	Agree	Strongly agree	3	3	Good


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Introduction to .NET Technology





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Agenda

- Introductions
- NET Architecture concepts and how they interact with W3C Standards
- Microsoft Business Integration Roadmap (2006 onward)
- Brief explanation of BizTalk Server, SharePoint Portal and Host Integration Server
- Some examples of how we integrated Microsoft to ISeries and AS/400 (high level)
- Best Practices of the .NET SOA



What Is .NET?

- Foundation of development efforts from here on out
- Unified development, regardless of language
 - Common functionality available via a class library – language independent
 - Integrated Development Environment that behaves similarly for all languages
- Unified development, regardless of platform
 - Class library, templates, etc. allow development on many platforms
 - Web development, desktop development, mobile development are all programmed in the same type of fashion



What Is .NET? (con't)

- Unified development, regardless of...operating system?
 - In theory, quite possible - .NET applications could be run on other operating systems! Just need the key .NET elements ported to the platform
 - Such efforts already exist – Mono (.NET apps on *nix), Rotor (open source .NET CLI)
 - Microsoft is supporting and even sponsoring many of these initiatives



.NET Core Technology

- .NET has quite a few different parts
- Common Language Runtime (CLR)
- Common Language Infrastructure (CLI)
- Common Language Specification (CLS)
- .NET Framework tools (examples include gacutil, sn, and all the compilers)
- .NET Framework is FREE (including the compilers!)
- .NET development is made MUCH easier by using Visual Studio .NET

How .NET Impacts Businesses

- Productivity Increases
 - Reduced development time (class library, more efficient coding constructs) - example
 - Keep existing language skills intact
 - Allows more interoperation between developers
- Better Code
 - Means less support and help desk calls!
 - Again, accomplished in large part by the class library
 - Also due to better coding constructs and patterns.
- Faster Code
 - Fewer lines of code
 - Better memory management
 - JIT compiling

Technical Advancements

- The Class Library! (CLR)
 - No longer need languages like C++ to get difficult tasks accomplished
 - Don't have to rely on the Win32 API (though you still can)
 - Continuing evolution
- New Languages
 - C# (C-Sharp)
 - The power of C++, the ease of Java
 - Ideal candidate for new development
 - Visual Basic .NET
 - Not just a new version of Visual Basic
 - Brings new functionality to the platform – has almost all the power of any other .NET language, including C++
 - Very easy to pickup by current VB developers



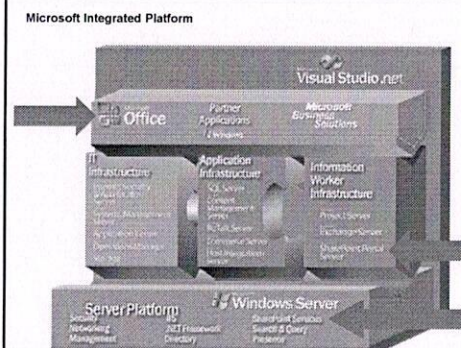
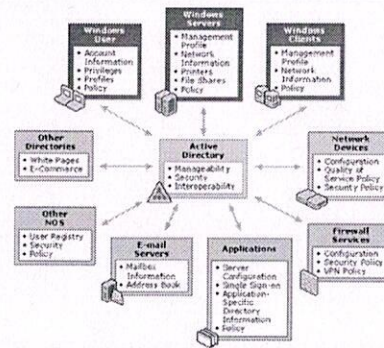
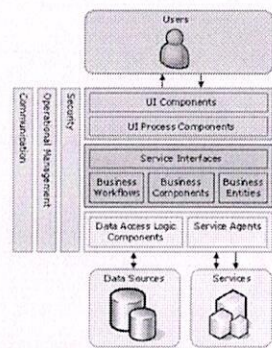
Technical Advancements (con't)

- Interoperability
 - You don't need to get rid of existing code!
 - Upgrade it
 - Connect to it
 - You can use .NET from legacy applications
 - Expose .NET components as COM (ActiveX) objects
 - Transparent calling
 - Interoperate with other platforms
 - Connect with Java
 - Connect with objects on other platforms: Unix/Linux, mainframes



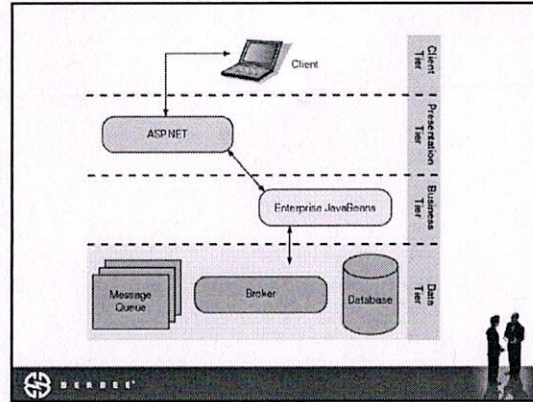
Interoperation – Active Directory

- Active Directory is right at home in .NET
 - There is a set of objects in the class library specifically for interacting with Active Directory/LDAP sources – System.DirectoryServices namespace
 - Can query AD objects, as well as update and delete them
 - MUCH easier than ADSI calls – binding operations can be done in a single line, and individual properties can then be queried
 - Using other class library objects, can test for user/group membership
 - Makes developing secure authenticating applications much easier



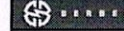
Interoperability - Databases

- Data is all-important to the .NET strategy
- Built in "managed providers" for SQL Server, and now for Oracle
 - Managed providers are much faster than their ODBC counterparts
 - Can be easier to use as well
- Other databases are not left out – Access, DB2, MySQL, etc. can be handled through the OLEDB provider
- Non-traditional "databases" like Excel can also be accessed easily

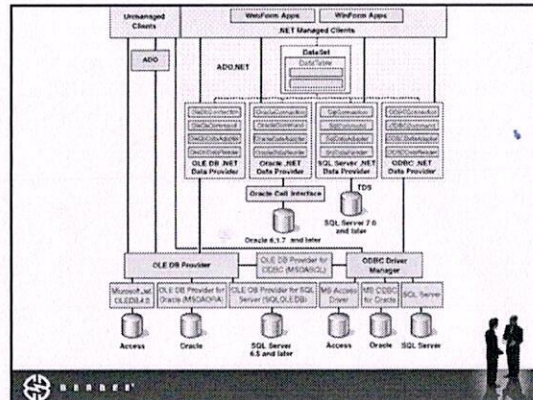
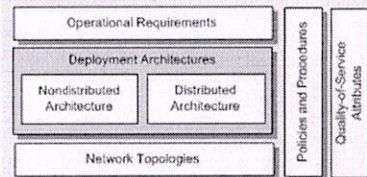


Advancements in Web Applications

- Web Services
 - A very big selling point for .NET - .NET was built with web services in mind!
 - Very easy to build web services – usually involves adding one line of code to an object
 - Even easier to consume web services, including those running on Java platforms
- ASP.NET
 - Forget everything you knew about ASP
 - ASP.NET applications can be built in any .NET language
 - They are compiled – very high performance
 - Useful tools built into Visual Studio
 - WYSIWYG interface for design
 - Drag and drop components on to forms
 - Validation, authentication and other objects are easily leveraged



Deployment considerations





.NET's Future (con't)

- Windows VISTA
 - A whole new set of programming interfaces – bye-bye Win32!
- New advancements in technology
 - Avalon, a whole new graphics interface
 - WinFS, a new file system architecture
 - Indigo, unified messaging
- This will all have its foundations in .NET





Questions?



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Thank You!



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