SUMATHI REDDY
INSTITUTE OF TECHNOLOGY FOR WOMEN
L e a r n i n g   a t   i t s   b e s t
Affiliated to JNTUH - Approved by AICTE

No. SRITW/Prin/2020   Date: 22-08-2020

CIRCULAR

All the students are hereby informed that our college is offering value-added courses. Interested students can register their names with the respective course coordinator. A detailed brochure regarding the courses is forwarded to their respective mail ids.

Criteria for Certification: Attendance >=75% and marks secured >=60%.

: Important dates:

Registrations opening date: 24-08-2020

Registrations closing date: 31-08-2020

Course start date: 02-09-2020

Course end date: 02-11-2020

Courses offered:

1. Linux System Administration

2. Basics of Simulation Tools

3. Web Designing & Office Automation

4. Web Services

Principal

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Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

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HOD (CSE, ECE, EEE, H&SC)

Administrative Officer

In-charge, Exam Branch

Library

Notice Board

To be read in classrooms

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A Course on Web Services

Organized by the department of Computer Science and Engineering
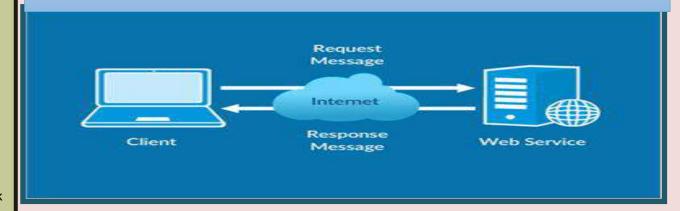

Course Objectives:

- To Understand Web Services and implementation model for SOA.
- To Understand the SOA, its Principles and Benefits.
- To understand XML concepts to understand paradigms needed for testing Web Services.
- To explore different Test Strategies for SOA-based applications.
- To identify and select the appropriate framework components in creation of web service solutions
- To learn to write, test and debug web pages using HTML tags and JavaScript Language programming concepts and techniques.
- To develop the ability to logically plan and develop web pages.

Course Coordinator:

Ms.T.Sravanthi
Asst.Prof,CSE
Email:tsravanthi29@gmail.com

Course Start Date: 02-09-2020
Course End Date:02-11-2020

ForRegistrationscontact:**9676165411**

Venue: Online

Timings: 3:10PM-4.00PM

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Course Instructors:

1. **Ms.Y.Sharvani**
   Asst. Prof, ECE
2. **Mr.Y.Chanti**
   Asst. Prof, CSE

WEB SERVICES
Date: 02-09-2020 to 02-11-2020

Course Content

XML

Introduction to XML

- Evolution of XML
- Need of xml
- Workflow of xml

Fundamentals of XML

- Xml Declarations
- Elements
- Comments
- Processing instructions
- Doctype declarations
- Entities
- Namespaces
- Realtime Examples with scenarios

Document Type Definition's (DTD's)

- Validation
- Element & Attributes
- Entities
- Realtime Examples with scenarios

Xml Schema Definition (XSD)

- About XSD
- Difference between XSD & DTD
- Schema Declarations
- Data types
- Element declarations
- Complex type declarations
- Complex Content
- Simple Type Declarations
- Real-time Examples with scenarios

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About Parser

- Need of parser
- Types of parsers
- Parsing approaches
- Real-time Examples with scenarios

Schema Validation

- About schema validation api's
- JAXP DOM Parser
- JAXP SAX Parser
- JAXP Validation API
- Realtime Examples with scenarios

About XPath

- Need of XPath
- XPath Expressions
- Difference between XPath & DOM API
- JAXP XPath API
- JDOM XPath API
- Realtime Examples with scenarios
- About XSLT
- XSLT vs XML
- XSLT basics
- JAXP Transformation API
- Realtime Examples with scenarios

XML Object Bindings

- The need of object binding
- JAXB API(Covers 2.0)
- About Marshalling & Unmarshalling
- Binding with XML beans
- Real-time Examples with scenarios

Web Services

About Web Services

- Introduction
- SOA Architecture Principles
- Types of web services

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About REST Web Service

- Introduction
- Rest principles & Terminology
- About JAX-RS API
- Annotation Inheritance with REST
- REST Client Design Scenarios
- REST Service Endpoint & URL Design Scenarios
- Realtime Examples with scenarios

About SOAP Web Service

- Introduction
- Anatomy of SOAP
- Structure of SOAP
- SOAP with HTTP
- SOAP-1.2 Features

About SAAJ

- Introduction
- Creating a SOAP Message
- Retrieving SOAP Message
- Sending SOAP Message
- Adding attachments to SOAP Message

About WSDL

- Introduction
- WSDL Structure (Covers 2.0)
- Message Exchanging Design Patterns & Modes

Course Outcomes

After completion of the course students will be able to learn

- To Understand Web Services and implementation model for SOA
- To Understand the SOA, its Principles and Benefits
- To Understand XML concepts
- To Understand paradigms needed for testing Web Services
- To explore different Test Strategies for SOA-based applications

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List of RegisteredStudents for Web Services

Batch: 1   **Date:02-09-2020 to 02-11-2020**

S .no	Roll no	Name of the Student
1	176Y1A0415	BOTTU MEGHANA
2	176Y1A0416	BUDDA LAXMISRAVANI
3	176Y1A0417	CHEERLA SANDHYARANI
4	176Y1A0418	CHIDURA NIKITHA
5	176Y1A0419	CHIDURALA AKARSHA
6	176Y1A0420	CHIRRA NAVYA
7	176Y1A0421	CHITTAREDDY ROHITHA
8	176Y1A0422	CHITTAREDDY ROSHINI
9	176Y1A0423	DODDA MANIDEEPIKA
10	176Y1A0424	EDLA INDUPRIYA
11	176Y1A0425	EDULAKANTI SINDHUJA
12	176Y1A0426	EDULAKANTI SRIJA REDDY
13	186Y1A0466	PATHA SOUMYA
14	186Y1A0467	PATTEM YOGITHA SHIVANI
15	186Y1A0468	PEDDAMMA SUSHMA
16	186Y1A0469	PERUMANDLA KAVYA SRI
17	186Y1A0470	POKALA HIMABINDU
18	186Y1A0471	POLAMPELLY SUMANA REDDY
19	186Y1A0472	POLLAPALLI SWETHA REDDY
20	186Y1A0473	POLUSANI SUPRIYA
21	186Y1A0474	PONUGOTI SUMA
22	186Y1A0475	POTU VINITHA
23	186Y1A0476	RANAM REETHIKA
24	186Y1A0477	REHANA
25	186Y1A0478	RUDRA GNYANA TEJASWI
26	186Y1A0479	SAANIA SHAZEEN
27	186Y1A0480	SALWA SHEREEN
28	186Y1A0481	SAMALA RAMYA
29	186Y1A0482	SAMALA SREEKEERTHI
30	186Y1A0483	SANDUPATLA RAVALI
31	196Y1A0565	MUMMIDI SATHWIKA
32	196Y1A0566	MUPPIDI SATHWIKA
33	196Y1A0567	NABEELA SHIFA
34	196Y1A0568	NAGOTHU HARSHITHA
35	196Y1A0569	NAGULA VYSHNAVI
36	196Y1A0570	NALIVELA SHANMUKHA PRIYA
37	196Y1A0571	NALUBALA HARIPRIYA
38	196Y1A0572	NANDIKONDA NAVYA
39	196Y1A0573	NEKKANTI PAVANI SRI NAGAVALLI
40	196Y1A0574	NERELLA SRINIJA

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Sumathi Reddy Institute of Technology for Women
Course-coordinator
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Batch: 2   **Date: 02-09-2020 to 02-11-2020**

S .no	Roll no	Name of the Student
1	206Y1A0450	RAJOJU VINEELA
2	206Y1A0451	RASA SINDHU
3	206Y1A0452	SARA USHA
4	206Y1A0453	SHRUNGARAPU AKHILA
5	206Y1A0454	SINDHE GAYATHRI
6	206Y1A0455	SREERAMOJU SUNETHRI
7	206Y1A0456	THALLAPELLY SHIRISHA
8	206Y1A0457	THATIKONDA VAISHNAVI
9	206Y1A0458	THATIPAMULA JAAHNAVE
10	206Y1A0459	THELU POOJITHA
11	206Y1A0460	THUMMA MEGHANA
12	206Y1A0461	VURA AKHILA
13	206Y1A0462	YEBUSHI NIKITHA
14	206Y1A0448	PUTTAPAKA SANJANA
15	206Y1A0449	RACHAKONDA MALAVIKA
16	206Y1A0450	RAJOJU VINEELA
17	206Y1A0451	RASA SINDHU
18	206Y1A0452	SARA USHA
19	206Y1A0453	SHRUNGARAPU AKHILA
20	206Y1A0454	SINDHE GAYATHRI
21	206Y1A0455	SREERAMOJU SUNETHRI
22	206Y1A0456	THALLAPELLY SHIRISHA
23	206Y1A0457	THATIKONDA VAISHNAVI
24	206Y1A0458	THATIPAMULA JAAHNAVE
25	206Y1A0459	THELU POOJITHA
26	206Y1A0460	THUMMA MEGHANA
27	206Y1A0525	ERRALA MANICHANDANA
28	206Y1A0526	ETIKALA ANJALI
29	206Y1A0527	FARIYA NAAZ
30	206Y1A0528	GADIDASU LAKSHMI PRASANNA
31	206Y1A0529	GANDAM BHAVANI
32	206Y1A0530	GANDESIRI SADHANA
33	206Y1A0531	GOURISHETTY KEERTHIKA
34	206Y1A0532	GUNDA DEEPTHI
35	206Y1A0533	GUNDA SAI SUPRIYA
36	206Y1A0534	INDRIPALA SHRUTHI
37	206Y1A0535	JANAGAMA SWATHI
38	206Y1A0536	KALVALA SRI TEJASWI
39	206Y1A0537	KANUGANTI MANASA
40	206Y1A6648	SURAM KEERTHI
41	206Y1A6649	UDUTHA SWATHI
42	206Y1A6650	VADALA NIHARIKA

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Students Eligible for Certification as per Eligibility Criteria

Course: Web Services   Date: 02-09-2020 to 02-11-2020

Sno	Roll no	Name	Marks
1	176Y1A0415	BOTTU MEGHANA	24
2	176Y1A0416	BUDDA LAXMISRAVANI	24
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23	186Y1A0476	RANAM REETHIKA	24
24	186Y1A0477	REHANA	18
25	186Y1A0478	RUDRA GNYANA TEJASWI	25
26	186Y1A0479	SAANIA SHAZEEN	

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27	186Y1A0480	SALWA SHEREEN	24
28	186Y1A0481	SAMALA RAMYA	19
29	186Y1A0482	SAMALA SREEKEERTHI	24
30	186Y1A0483	SANDUPATLA RAVALI	24
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57	206Y1A0456	THALLAPELLY SHIRISHA	24
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72	206Y1A0535	JANAGAMA SWATHI	24
73	206Y1A0536	KALVALA SRI TEJASWI	18
74	206Y1A0537	KANUGANTI MANASA	25
75	206Y1A6648	SURAM KEERTHI	25

Course-coordinator

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Response sheet for Web Services

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18.00 / 20	A.poojasri --/0	176Y1A0 --/0	d. All 2.00 / 2	c. 2.00 / 2	b.git clone 0.00 / 2	c.git pull 2.00 / 2	d.B(2.00 / 2	c.g 2.00 / 2	b.clone 2.00 / 2	a.git 2.00 / 2	b.gi 2.00 / 2	b.s 2.00 / 2
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CERTIFICATE OF COMPLETION

This is to certify that RUDRA GNYANA TEJASWI bearing roll number 186Y1A0478 has successfully completed the course entitled "Web Services " during the period 02-09-2020 to 02-11-2020.

Ms. T. Sravanthi
Co-Ordinator

Dr. E. Sudarshan
Head of the Department

Dr. I. Rajasri Reddy
Principal

Principal
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CERTIFICATE OF COMPLETION

This is to certify that CHEERLA SANDHYARANI bearing roll number 176Y1A0417 has successfully completed the course entitled "Web Services" during the period 02-09-2020 to 02-11-2020.

Ms. T. Sravanthi
Co-Ordinator

Dr. E. Sudarshan
Head of the Department

Dr. I. Rajasri Reddy
Principal

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