

(An Autonomous Institution AFFELATED TO AMPUS S.P.O.Chidambara Nadar - C.Nagammai Campus S.P.G.C. Nagar, K.Vellakulam ~ 625 701 (Near VIRUDHUNAGAR).

# DEPARTMENT OF INFORMATION TECHNOLOGY

## VALUE ADDED COURSE DETAILS

2022 - 2023

R 2021

# Web Application Development using JSP and Web Services

05.01.2023 - 10.01.2023

Note: Soft copy of the content is shared via the following link:

https://teams.microsoft.com/\_#/school/FileBrowserTabApp/General?threadId=19:BEGGD5w5Ye1EgMG6rkVC9n2leg3LP\_uArXA6kNzCOPw1@thread.tacv2&ctx=channel

VAC Coordinator

HoD/IT

## Value Added Course Details

1. Academic Year

: 2022 - 2023 .

2. Regulation

: R2021

3. Department Name

: Information Technology

4. Name of the Value Added Course: Web Application Development using JSP and Web Services

5. Number of Credits

6. Category

: Theory / Lab / Hands-on / Skill Based

7. Details of the Joint Organization : Silicon Software Services : Mr. V. D. Sabareeswaran,

Trainer.

8. Resource Person Details

Silicon Software Services.

Madurai

9566776109

rajendran2002@gmail.com

9. Three Member Committee Details: 1) Dr. E. Vakaimalar, Associate Professor & HoD / IT

2) Dr. R. Arthy, AP/IT

3) Mr. D. Vendhan, AP/IT

10. VAC Coordinator Details

: Mr. D. Vendhan, AP/IT

11. Duration

: 35 Hours

12. Period

: 05.01.2023 - 10.01.2023

13. Venue

: Multimedia Lab and Data Analytics Lab



S.R.G.Chidembars Nader - C.Negammal Campus S.R.G.C. Nagar, K.Vellakulam - 625 701 (Nedr VIRUDHUNAGAR)

# Department of Information Technology **Checklist for File Contents** Value Added Course

	Application Development	Available [Yes / No]
S. No.		Yes
1	Institution Approval Copy	Yes
2	Circular	Yes
3	Syllabus Copy with Course Outcomes	No
4	BoS Approval	Yes
5	Three Member Committee MoM	
6	Geo-Tagged Photos	Yes
7	Certificate of all the Participants	Yes
8	Examination Schedule	yes
9	Question and Answer Keys	Yes
10	Attendance Sheet	Yes
- 1		Yes
11	Evaluated Answer Script	Yes
12	Test Report	Yes
13	Mark Statement	
14	Grade Sheet	No
15	Feedback Form	Yes
16	Feedback Analysis & Report	Yes
17	Programme Summary / Report	Yes
18	Students Oral Feedback (Recorded Video)	Yes
19	VAC - Short Video	Yes



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# Department of Information Technology

1. Institution Approval Copy

Value Added Course

on

S.P.G.Chidambara Nadar - C. Nagammal Campus, S.P.G.C. Nagar, K. Vellakulam - 625 701, Near VIRUDHUNAGAR, Madurai District. Accredited by NAAC with 'A' Grade

Submitted to the SECRETARY for approval through the PRINCIPAL
Book No.  SL No. 80
Appendud foot value Added course oneg.
The following value Added course has been planned
and siecommended for I year IT students.
VAC- wet Application- Jsp with Indabase connectivity
Number of students = 65
Fee Pen Student = 1.8001-
Total Amount = 65 + 1.800 = RS. 1.17,000 -
Number of Doys: 5 Days-05/04/2023 to 10/01/2023
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90 ped 100 8500 8500 8500 8500 8500 8500 8500
Signature of Faculty HOD PRINCIPAL
OFFICE USE

Value Added Com

1) Budget allotted

2) Amount committed / Spent sofar

3) Balance available

OM

Treasurer

Secretary

## SILICON SOFTWARE SERVICES

Invoice No.: 888/026/2022 - 2023

Date: 22/01/2023

### Invoice

To.

Dr. S. Senthil,

Principal,

Kamaraj College of Engineering & Technology,

S.P.G. Chidambara Nadar - C. Nagammal Campus,

K. Vellakulam, Near Virudhunagar - 625 701

SI.	Description	Student Count	Da ys	Cost/student	Total
1.	Web Application Development Using JSP and Web Services	60	5	1440.68	86440.8
2,	SGST @9%	60	5	129.66	7779.6
•	CGST @9%	60	5	129.66	7779.6
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In words: - One Lakh Two Thousand only.

GST No.: 33ACNFS2898F1ZO

Service Tax No.: ACNFS2898FSD002

PAN No.: ACNFS2898F

Account No.: 611405500129

Bank Name: ICICI Bank, Pudukkottai

IFSC Code: ICIC0006114

For Silicon Software Services

Rajendran Subramanian B.E., M. Tech., (HT-K)

Founder

+91-9566776109

<sup>\*(</sup>Cheque is to be issued in the name of "Silicon Software Services")

www.siliconsoftwareservices.com



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### DEPARTMENT OF INFORMATION TECHNOLOGY

Value Added Course on "Web Application Development using JSP and Web Services"

### Circular

02.01.2023

Our department has planned to organize a Value Added Course on "Web Application Development using JSP and Web Services" for II year Information Technology students from 05.01.2023 to 10.01.2023. Students are advised to attend the course with fullest energy and gain knowledge.

Venue

: Networks Lab and Software Engineering Lab

Resource Person

: Mr. V. D. Sabareeswaran,

Trainer,

Silicon Software Services,

Madurai.

HoD/IT

To be read in:

1. II IT Class Room



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## Department of Information Technology

2. Circular Copy

Value Added Course

on



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# Department of Information Technology

3. Syllabus Copy

**Value Added Course** 

on

Head of the Department, Information Technology, Kamaraj College of Engineering & Technology, Virudhunagar.

Sub: Web Application Training

Dear Sir,

Greetings from SILICON SOFTWARE SERVICES!

We are pleased to submit this proposal for conducting a Web Application (Servlet & JSP) Training program through offline mode. SILICON SOFTWARE SERVICES conceived with the vision of building skilled manpower pool for industry requirements with a focus on Technical Skills, Hands-on practice and standardized assessments. SILICON SOFTWARE SERVICES is one among the leading software Training companies in South India to render Technical (Coding), Technologies and Aptitude services in Training.

### Training Plan:

## Servlet & JSP - Syllabus

### Session 1

- a. Introduction to J2EE and WebApps.
- b. Understanding of Web Server (HTTP Server) and Application Server
- c. Detailed understanding of protocol and the purpose of an HTTP protocol inJ2EE.
- d. Understanding of an Http Protocol instead of in connection with TCP/IP protocol
- e. Differences between Application server and Web Server.
- f. How to install an Apache Tomcat server.
- g. How to Configure Apache Tomcat server.

### Session 2

- a. Introduction
- b. JSP Life cycle

Page translation

Page compilation

Page loading & Execution phase (init, jsp service, jsp destroy)

c. Detailed understanding of Tags Comments & Declarations Scriptlets & Expressions

### Session 3

a. Detailed understanding of few more tags

Directive

Action

EL (Expression Language)

b. Study of implicit Objects, the below needs to be studied very clearly.

Application

Config

**Exception Out** 

Page & Page context Request, Response & Session

### Session 4

- a. JSTL (JavaScript Tag Library)
- b. Custom Tags (Creating own Custom Tag)

### Section 5

- a. Detailed study of Database Connectivity using JDBC
- b. Different Types of JDBC Drivers
- c. Connecting to MySQL DataBase using Type 4 Driver

### Section 6

- a. Java Program to execute simple SQL select query using Statement and PreparedStatement.
- b. ResultSet SCROLL\_INSENSITIVE, CONCUR\_UPDATABLE
- c. Insert Statement, Update, Batch Update

### Session 7:

- a. Introduction to web services.
- b. How to utilize web service in our web app

Students must develop CRUD application after this training program.

## Commercial:

Fee: Rs. 1800 per student (Inclusive of GST)

## Requirements:

Trainers' accommodation with Food

Thanks & warm regards, Rajendran Subramanian B.E., M.Tech (IIT-Kanpur)., Founder, Silicon Software Services. www.siliconsoftwareservices.com 9566776109

## Course Outcomes:

- 1. Students will be able to develop Web Application Development using JSP and Web Services.
- 2. Students will understand the life cycle of JSP.
- 3. Students will understand the differences between Servlet and JSP.



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## Department of Information Technology

## 5. Three Member Committee Details

## Value Added Course

on

S. No.	Name	Designation	Role
1	Dr. E. Vakaimalar	Associate Professor	Head of the Department
2	Dr. R. Arthy	Assistant Professor	UG Coordinator
3	Mr. D. Vendhan	Assistant Professor	Senior Faculty Member



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# DEPARTPMENT OF INFORMATION TECHNOLOGY VALUE ADDED COURSES

### THREE MEMBER COMMITTEE - MEETING MINUTES

Date: 02.01.2023

A meeting regarding the execution of value added course on "Web Application Development using JSP and Web Services" from 05.01.2023 to 10.01.2023 was organized on 02.01.2023 among the three member committee of the value added course.

Venue: HoD Cabin Time: 1.30 pm

### Members Present:

1. Dr. E. Vakaimalar, Associate Professor & Head/IT

2. Dr. R. Arthy, AP/IT

3. Mr. D. Vendhan, AP/IT

### The minutes of the meeting is given below:

S. No.	Items discussed	Remarks	
1	Accommodation, Hospitality for the Resource Person	It is planned to provide food inside the campus with the prior permission from Principal	
2	Number of Students	II IT - 65	
3	Internet Facility	Ensured the internet availability	
4	Software Required	Venue is provided with sufficient number of good quality machines supporting installation of required software	
5	Laptops	Students were advised to bring their own laptop if available	
6	Photo Arrangement	Arranged (Geo tagged)	
7	Feedback-Sessions	It is planned to receive feedback online via forms  Oral feedback will be recorded during the session	
8	Test	Students were intimated to be prepared for test on project presentation. Candidates with marks greater than 50 during assessment will be given VAC course completion certificate	
9.	Technicians Support	Ensured the availability of technicians	
10	Venue	Networks Lab and Software Engineering Lab	
11	Attendance	Discussion on 100% attendance and it is decided that attendance entry in ERP by VAC Coordinator	

VAC Coordinator

UG Coordinator

HoD / IT



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## **Department of Information Technology**

6. Geo Tagged Photos

Value Added Course

on















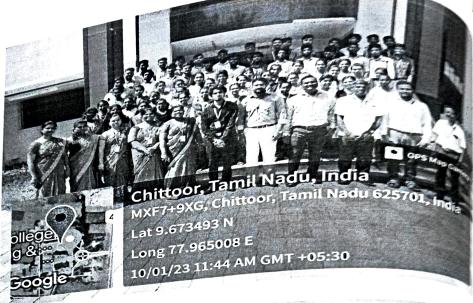






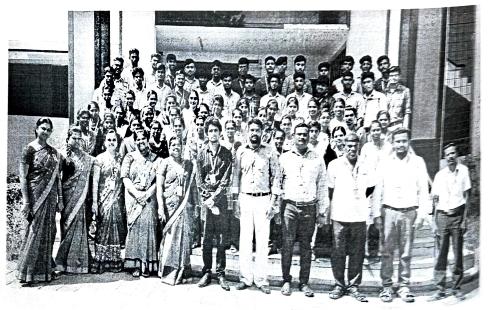














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## **Department of Information Technology**

7 . Certificates of All Participants

Value Added Course

on







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# Certificate of Excellence

This is to certify that VISHNU DEEPAN P .......of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....98......

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil かとし

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.C. Nagar Nadar - C.Nagarmmal Campus
S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR).

# Certificate of Excellence

This is to certify that ......VIGNESH V.K......of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: .....93.....

E. Nassimalar

Dr.E. Vakaimalar

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







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S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

# Certificate of Excellence

This is to certify that .......SURIYA.RAM.S.....of II Year IT

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from Q5-01-2023 to 10-01-2023 in association with the

**Department of Information Technology** 

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....13......

E. Walesmalan

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







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S.P.G.C. Nagar, K. Vellakulam -- 625 701 (Near VIRUDHUNAGAR).

# Certificate of Excellence

This is to certify that ......VINQDHAN M......of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES"

from Q5-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....99......

f. Valamalar Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







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# Certificate of Excellence

This is to certify that ......of II Year IT

has successfully completed the Value Added Course on

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from Q5-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....93.....

E. Nakarmalar

Dr.E. Vakaimalar

HOD/IT

Dr.S. Senthil

Dr.S.Senthil

PRINCIPAL

2

Mr.Rajendran Subramanian







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# Certificate of Excellence

This is to certify that ......SIVASAKTHI.S.....of II Year IT

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ...8.2.....

Dr.E. Vakaimalar E. Nationalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

# Certificate of Excellence

This is to certify that ......SUBBBHTNI K......K....of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....90......

E. Nakamalor

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







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Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: .....85.....

L. Vakamala

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







# Certificate of Excellence S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

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" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES " has successfully completed the Value Added Course on

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....84.....

1. Nakomalar

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Ar Rojendron Subrom

Mr.Rajendran Subramanian







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# Certificate of Excellence

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Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....90.....

E. Nakomalo-

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







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# Certificate of Excellence

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has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....99......

E. Nakamadan

Dr.E. Vakaimalar

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







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Assessment Marks: ...90......

Dr.E. Vakaimalar HOD/IT

> Dr.S.Senthil 5000

PRINCIPAL

Mr.Rajendran Subramanian







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S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

# Certificate of Excellence

This is to certify that ......Suaharsana.I....of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ...96......

D-00-1-1-

Dr.E. Vakaimalar

P. Nakoumala

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







S.P.G.C. Nagar, K. Vellakulam – 625 701 (Near VIRUDHUNAGAR)

# Certificate of Excellence

This is to certify that ......PREM...KUMAR..M.....of II Year IT

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from Q5-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: .....93......

E. Notamalar

Dr.E. Vakaimalar

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







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# Certificate of Excellence

This is to certify that ......RAJESH..R.M......of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES"

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....81......

E. Nadamada

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







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S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

## Certificate of Excellence

This is to certify that ......VEERA BALAGAN K.....of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....9b......

E. Valiamada

Dr.E.Vakaimalar

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

#### Certificate of Excellence

This is to certify that .......CHARANYA..........................of II Year IT

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....98.....

E. Nationala

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

SPULLY.

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

#### Certificate of Excellence

This is to certify that .......KANJYA.S......of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....97......

Dr.E. Vakaimalar E. Valamala

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







#### Certificate of Excellence S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

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" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

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Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ...93......

Dr.E. Vakaimalar E. Valenindan

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
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from Q5-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....98......

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

DE Y

PRINCIPAL

Mr.Rajendran Subramanian







S.P.G.C. Nagar, K.Vellakulam -- 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

# Certificate of Excellence

This is to certify that ......Subathira. Kumari M........of II Year IT

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ...86.....

Dr.E. Vakaimalar E. Nahamadar

HOD/IT

Dr.S.Senthil

DILL

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR).

## Certificate of Excellence

This is to certify that ......Sanafer IDE. A.....of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ...95......

E. Valeamadas

Dr.E. Vakaimalar

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







S.P.G.Chidambara Nadar - C.Nagammal Campus

#### Certificate of Excellence (An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNA) S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR)

This is to certify that SIVAMVIHU. NARAYANA SABARIGANESH A.....of II Year IT

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from Q5-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....96......

Dr.E. Vakaimalar E. Vakamala

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

## Certificate of Excellence

This is to certify that ......SHOBA SRT. M.....of II Year IT

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

**Department of Information Technology** 

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....96.....

E. Valeamala

Dr.E. Vakaimalar

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR).

## Certificate of Excellence

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES"

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ...91.....

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







S.P.G.Chidambara Nadar - C.Nagammal Campus

#### Certificate of Excellence S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR)

This is to certify that ......of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES"

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ...18......

Dr.E. Vakaimalar F. Yakamada

HOD/IT

Dr.S.Senthil De la Constantina

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Veliakulam - 625 701 (Near VIRUDHUNAGAR).

## Certificate of Excellence

This is to certify that ......SHARMILA..DEVI.S......S....of || Year |T

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ...14.....

P. Valenciala

Dr.E. Vakaimalar

Dr.S.Senthil

BILL

PRINCIPAL

Ar Briendran Subra

Mr.Rajendran Subramanian







n Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR)

## Certificate of Excellence

This is to certify that ......of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 0.5-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ...96......

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

Day.

PRINCIPAL

S. J.

Mr.Rajendran Subramanian







S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

# Certificate of Excellence

This is to certify that ......GANESH...KUMAR.M.....of II Year IT

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: .....?4......

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil STILL STILLS

PRINCIPAL

Mr.Rajendran Subramanian







Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
 S.P.G.C. Nagar, K. Vellakulam — 625 701 (Near VIRUDHUNAGAR).

## Certificate of Excellence

This is to certify that ......of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES" from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ...96......

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

r.S.Senthil
PRINCIPAL

Vr. Raiendran Subra

Mr.Rajendran Subramanian







S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

## Certificate of Excellence

This is to certify that ......SUBEGA BANUS ......of II Year IT

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: .....46......

E. Valenindas

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

Selly.

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNA) S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

#### Certificate of Excellence

This is to certify that ......KABILESH.K......of || Year ||T

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....98......

Dr.E. Vakaimalar

HOD/IT

DE LE

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR)

#### Certificate of Excellence

This is to certify that ......SENTHIL KUMAR T.B......of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....95......

Dr.S.Senthil

Mr.Rajendran Subramanian

MANAGING DIRECTOR

PRINCIPAL

Dr.E. Vakaimalar HOD/IT







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI) S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

#### Certificate of Excellence

This is to certify that ......PRIXADHARBHINI..A................of || Year ||T

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES"

from Q5-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....96......

Dr.E. Vakaimalar E. Valeamala

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI) S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

#### Certificate of Excellence

This is to certify that .......VISALI...MANIPIRYA.V.....of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES"

from Q5-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....85

E. Vaksimala

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI) S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

## Certificate of Excellence

This is to certify that ......of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES"

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....?#......

E Valennada

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.C. Nagarnmal Campus
S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR).

#### Certificate of Excellence

This is to certify that ...... MEENAKSHI S.....of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....94......

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

S. D.

Mr.Rajendran Subramanian







S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

## Certificate of Excellence

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from Q5-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....95.....

E. Vakamada

Dr.E. Vakaimalar HOD/IT

STATE OF

Dr.S.Senthil PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G. Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K. Vellakulam - 825 701 (Near VIRUDHUNAGAR).

## Certificate of Excellence

This is to certify that ......VISHNY. PRIYA. G......of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....95......

E. Valamida

Dr.E. Vakaimalar

HOD/IT

PRINCIPAL

Dr.S.Senthil

STAN STAN

Mr.Raiendran Subra

Mr.Rajendran Subramanian







An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI) S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

## Certificate of Excellence

This is to certify that ......STBI...SIDDHARTHAN.S......of || Year |T

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 0.5-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....97......

F. Vahamada

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

#### Certificate of Excellence

This is to certify that ......KALPANA CHARULA S ......of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from\_05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....85......

EValcamiala

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G. Chidambara Nadar - C. Nagammal Campus

S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR).

## Certificate of Excellence

This is to certify that ..................KAYXXA...G....................of II Year IT

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ...96......

E. Vattamida

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Ar Raiendran Si

Mr.Rajendran Subramanian







S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

Certificate of Excellence

This is to certify that ......ABISHEK.RAT.S.....of || Year ||T

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from Q5-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ...89......

Dr.E. Vakaimalar E. Valeanneile

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

#### Certificate of Excellence

This is to certify that .....EASKKITHAI. @ SUMATHI M.....of | Year |

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from\_05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: .....88......

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

wr.kajen

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G. Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR).

## Certificate of Excellence

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....97......

6. Valerimedas

Dr.E.Vakaimalar

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNA) S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

## Certificate of Excellence

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" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....91......

E. Valeamala

Dr.E. Vakaimalar HOD/IT

> Dr.S.Senthil 30

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNA) S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR)

#### Certificate of Excellence

This is to certify that ......of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....9J......

E. Nothermales

Dr.E. Vakaimalar HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Veilakulam - 625 701 (Near VIRUDHUNAGAR).

## Certificate of Excellence

This is to certify that .......BABX.S.........BABX.S.....of II Year IT

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ......12.....

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI) S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

Certificate of Excellence

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

has successfully completed the Value Added Course on

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: .....14......

C. Vahamadar

Dr.E. Vakaimalar HOD/IT

PRINCIPAL

Dr.S.Senthil

STALK SCHOOL

Mr.Rajendran Subramanian







An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI) S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammal Campus

#### Certificate of Excellence

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"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....98......

Dr.E. Vakaimalar HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







S.P.G.C. Nagar, K.Veilakulam – 625 701 (Near VIRUDHUNAGAR)

## Certificate of Excellence

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES"

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....92.....

E. Vakamala

Dr.E. Vakaimalar

Dr.S.Senthil

PRINCIPAL

Ar Raiendran Subran

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

# Certificate of Excellence

This is to certify that ......of II Year IT

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....81......

C. Nakoumalan

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHUNNA) S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR)

## Certificate of Excellence

This is to certify that .......PRANEEN.L......of II Year IT

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES " has successfully completed the Value Added Course on

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....&#......

Dr.E. Vakaimalar E Vakamadar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramania







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K. Vellakulam -- 625 701 (Near VIRUDHUNAGAR).

## Certificate of Excellence

This is to certify that SAAMIR GAFFUR MOHAMMED YAKUB SHAH......of II Year IT

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....9b......

E. Vakainalas

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Ry S

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNA) S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR)

## Certificate of Excellence

This is to certify that .......SWATHEESWART. G......of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....95......

C. Vakamiala

Dr.E. Vakaimalar HOD/IT

Dr.S.Senthil

PRINCIPAL

ALL B

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.C.hidəmbərə Nadər - C.Nagəmməl Cəmpus
S.P.G.C. Nagər, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

# Certificate of Excellence

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....48

E. Vakamala

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil PRINCIPAL

Sa go

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNA) S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR) S.P.G.Chidambara Nadar - C.Nagammai Campus

# Certificate of Excellence

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ...83......

Dr.S.Senthil

Dr.E. Vakaimalar

HOD/IT

E. Nakamala

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNA) S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR)

## Certificate of Excellence

This is to certify that .......f | Year | T

has successfully completed the Value Added Course on

" WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: .....80......

E. Valedinalan

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

So Will

PRINCIPAL

Mr.Rajendran Subramanian







(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G. Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

# Certificate of Excellence

This is to certify that .......BHUXAN\_MUTHU\_V......................of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES "

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks: ....81......

EVakainala

Dr.E. Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian







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# Certificate of Excellence

This is to certify that ......SARAYDNAKUMAR.P.....of II Year IT

has successfully completed the Value Added Course on

"WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES"

from 05-01-2023 to 10-01-2023 in association with the

Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous) Assessment Marks: ....97......

Dr.E. Vakaimalar HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian



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### Department of Information Technology

8. Examination Schedule

Value Added Course

on

Web Application Development using JSP and Web Services



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

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### DEPARTMENT OF INFORMATION TECHNOLOGY

Value Added Course on "Web Application Development using JSP and Web Services"

### Circular

08.01.2023

MCQ based examination will be conducted for the Value Added Course on "Web Application Development using JSP and Web Services" for II year Information Technology students on 10.01.2023 [Afternoon]. Students are advised to attend the test without fail.

Venue: Networks Lab and Software Engineering Lab

HoD/IT

To be read in:

1. II IT Class Room



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### Department of Information Technology

9. Question and Answer Keys

Value Added Course

on

Web Application Development using JSP and Web Services



Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNA S.P.G.Chidambara Nadar - C.Nagammal Campus S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

### DEPARTMENT OF INFORMATION TECHNOLOGY

### **VALUE ADDED COURSE**

### Web Application Development using JSP and Web Services

### **Questions and Answers**

	a. C
	b. Python
	c. Java
	d. C++
2. Ser	rylet has a Main method.
	a. False
	b. True
3. The	e variable "response" is created from
	a. HttpServletClient
	b. HttpServletResponse
	c. HttpServletSession
	d. HttpServletRequest
4.doC	Get, doPost are
	a. Main Methods
	b. Http Methods
	c. Java Methods
	d. Class Methods
5. <in< td=""><td>put type="text"&gt; creates what?</td></in<>	put type="text"> creates what?
	a. Form
	b. Text Box
	c. Password Box

1. Servlet based on which Language?

d. Button

a. <form action="xyz" method="get"></form>
b. <form action="xyz"></form>
c. <form action="xyz" method="GET"></form>
d. All of the Above
7. How a servlet and html form connected?
a. Using a XML File
b. Using JDBC Connector
c. Using Servlet
d. Using JSP
8. Which method is used to make the response type?
<pre>a. setContentType();</pre>
b. getWriter();
c. getParameter();
d. setWriter();
9. What is the return type for getWriter()?
a. Void
b. PrintWriter
c. Class
d. String
10. What is the return type for getParameter()?
a. Boolean
b. Integer
c. Object
d. String
11. Which method is used to bundle a data?
<pre>a. setSession();</pre>
b. getAttribute();
<pre>c. setAttribute();</pre>
d. getSession();
12. What is the return type for getName()?
a. Void
b. Integer
c. Boolean
d. String

6. Pick the correct one.

13. Which method is used for class registration?
<pre>a. setMethod();</pre>
b. forName();
c. setClass();
d. getClass();
14. Pick the correct one.
a. html -> xml -> servlet
b. xml -> servlet -> html
c. xml -> html -> servlet
d. servlet -> html -> xml
15. Which query is correct?
a. create tablename;
b. create from database;
<pre>c. insert table tablename(Name) values("raj");</pre>
d. select * insert from tablename;
16. Syntax to create database.
a. create database.databasename;
b. use databasename.tablename;
c. create database databasename;
d. use databasename;
17. What is the return type for excecuteQuery()?
a. String
b. PrintWriter
c. ResultSet
d. Statement

- 18. What is the use of truncate?
  - a. Deletes the Database
  - b. Deletes the Table
  - c. Clears Data in Table
  - d. Clears the data which is updated recently
- 19. What is the abbreviation for DD?
  - a. Deployment Desk
  - b. Dashboard Details
  - c. Dead Data
  - d. Deployment Descriptor

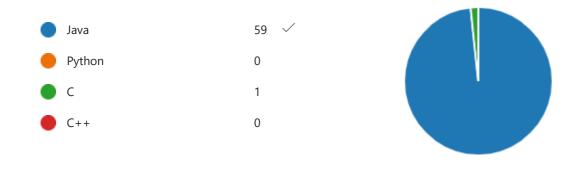
### 20. What is the abbreviation for TCP?

- a. Transmission Control Protocol
- b. Transfer Control Protocol
- c. Transfer Commission Pool
- d. Transmission Commission Pool
- 21. Browser is also called as\_\_\_\_\_
  - a. Website
  - b. Chrome
  - c. Server
  - d. Client
- 22. Which of the following passes request?
  - a. Http
  - b. Server
  - c. Html
  - d. IP
- 23. What is JSP?
  - a. Java Script Program
  - b. Java Server Program
  - c. Java Servlet Program
  - d. Java Server Page
- 24. Which of the following is Scriplet tag?
  - a. <% %>
  - b. <%! %>
  - c. <%>
  - d. <%= %>
- 25. Statement is the return type for which Method?
  - a. createStatement();
  - b. getStatement();
  - c. prepareStatement();
  - d. generateStatement();

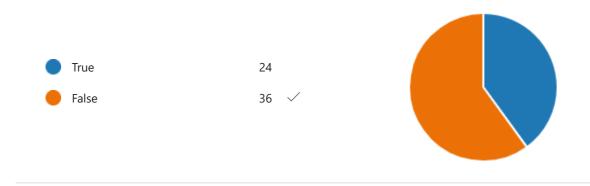
### Web Application Development using JSP and Web Services



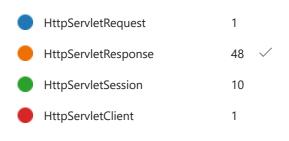
1. Servlet based on which Language? (4 points) 98% of respondents (59 of 60) answered this question correctly.

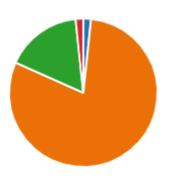


2. Servlet has a Main method. (4 points) 60% of respondents (36 of 60) answered this question correctly.



3. The variable "response" is created from \_\_\_\_\_\_ (4 points) 80% of respondents (48 of 60) answered this question correctly.



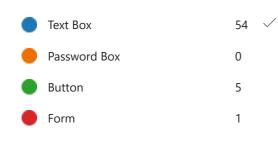


4. doGet, doPost are\_\_\_\_\_ (4 points)
47% of respondents (28 of 60) answered this question correctly.

Main Methods	7	
Class Methods	19	
Http Methods	28	<b>✓</b>
Java Methods	6	

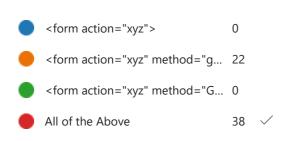


5. <input type="text"> creates what? (4 points) 90% of respondents (54 of 60) answered this question correctly.





6. Pick the correct one. (4 points) 63% of respondents (38 of 60) answered this question correctly.



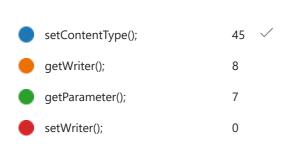


7. How a servlet and html form connected? (4 points) 93% of respondents (56 of 60) answered this question correctly.





8. Which method is used to make the response type? (4 points) 75% of respondents (45 of 60) answered this question correctly.





9. What is the return type for getWriter()? (4 points) 87% of respondents (52 of 60) answered this question correctly.



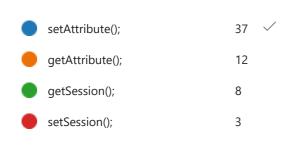


10. What is the return type for getParameter()? (4 points) 87% of respondents (52 of 60) answered this question correctly.





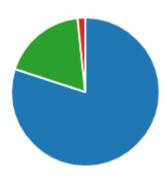
11. Which method is used to bundle a data?\* (4 points) 62% of respondents (37 of 60) answered this question correctly.



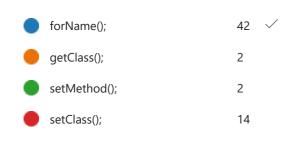


12. What is the return type for getName()? (4 points) 80% of respondents (48 of 60) answered this question correctly.



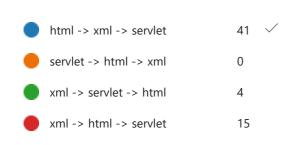


13. Which method is used for class registration?\* (4 points) 70% of respondents (42 of 60) answered this question correctly.





14. Pick the correct one. (4 points) 68% of respondents (41 of 60) answered this question correctly.

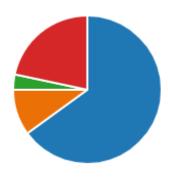




### 15. Which query is correct? (4 points) 65% of respondents (39 of 60) answered this question correctly.

insert table tablename(Name) v... 39 V

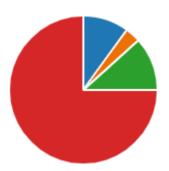
- select \* insert from tablename; 6
- create from database; 2
- create tablename; 13



### 16. Syntax to create database. (4 points)

75% of respondents (45 of 60) answered this question correctly.

- use databasename; 6
- use databasename.tablename; 2
- create database.databasename; 7
- create database databasename; 45



### 17. What is the return type for excecuteQuery()? (4 points) 85% of respondents (51 of 60) answered this question correctly.

51 🗸

1

- ResultSet
- String
- PrintWriter
  - Statement



### 18. What is the use of truncate? (4 points)

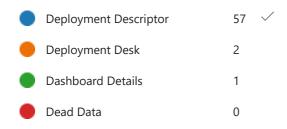
73% of respondents (44 of 60) answered this question correctly.

- Clears Data in Table
  - rs Data in Table 44
- Clears the data which is update... 3
- Deletes the Table 7
- Deletes the Database



### 19. What is the abbreviation for DD? (4 points)

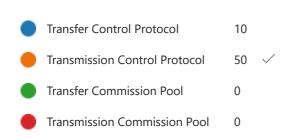
95% of respondents (57 of 60) answered this question correctly.

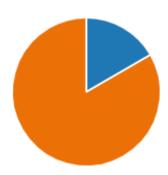




### 20. What is the abbreviation for TCP? (4 points)

83% of respondents (50 of 60) answered this question correctly.

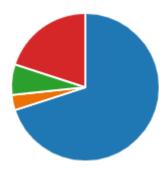




### 21. Browser is also called as\_\_\_\_\_ (4 points)

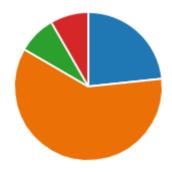
70% of respondents (42 of 60) answered this question correctly.





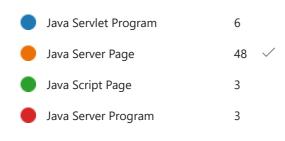
### 22. Which of the following passes request? (4 points) 60% of respondents (36 of 60) answered this question correctly.

Html
 Http
 Server
 IP
 5



### 23. What is JSP? (4 points)

80% of respondents (48 of 60) answered this question correctly.





### 24. Which of the following is Scriplet tag? (4 points) 98% of respondents (59 of 60) answered this question correctly.





### 25. Statement is the return type for which Method? (4 points) 58% of respondents (35 of 60) answered this question correctly.







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### Department of Information Technology

10. Attendance Sheet

**Value Added Course** 

on

Web Application Development using JSP and Web Services



### DEPARTMENT OF INFORMATION TECHNOLOGY

### Value Added Course on "Web Application Development using JSP and Web Services"

### 05.01.2023 to 10.01.2023

### Attendance Sheet

Sl.	Roll	Roll		05.01.2023		06.01.2023		07.01.2023		09.01.2023		.2023
No.	Number	Student Name	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
I	21UIT001	SRI ATHESH S	AB	AB	AB	AB	AB	AB	AB	AB	EA.	AB.
2	21U1T002	VISHNU DEEPAN P	Vishout	Vishny	Vishnuf	Vishnuf	Visland	Vishny	VIShip	,		B
3	21UIT003	VIGNESH V K	y to Though	y.K. Vignesh	V. H. W. Swed	Ala Vignel	Mariany	11. (5.44				Vik hand
-1	21U11004	SURIYA RAM S	5 SP4	S.SP4	S. SR1	S. SRY	S. Sh	5. 24	S. SAL	SSPT	SAPI	SRA
.5	21U11005	VINODHAN M	Vi andhan N	Witedfor	Windhard	Wined he M	windless	virulta	Willed her. Fr	Www.W	4. withouth	Vinallant
6	21U11006	NARESHAN R	R. Cook	R. Ower	R. Bosh	R. Com	R. Breeze		Q. Quel	Q. Buesh	R. Pouga	P. Poed
7	21U1T007	SIVASAK THI S	5.00	Sorva	Social		sival	800	8 Nigo	CODE		Solid
8	211/11/008	SUBASHINI K	K-Sulof	W.Sulal	KeSulat			. 4		^		
9	21U1T009	MATHUMITHA V	, (	1		,		Kowbof	•			A. K. Daily
10	: 21UIT010	KALAISELVI K	14	80	Poto	& B	Les L	. W. Madhu	.v-Nadhu > <b>AB</b>	AR	Wife	A. J. 10

Sl.	Roll		05.01	1.2023	06.01	.2023	07.0	1.2023	09.01	.2023	10.01	.2023
No.	Number	Student Name	FN	AN	FN	$\Delta S$	FN		FN	$\Delta N$	EN	AN
11	. 21UIT011	YAZHINI D S	yachin	yashir	yarhin	yarhin	youhin	your	yazhu	yaxhin	yorline	ejazhin
12	21UTT012	GOMATHY B	B Genety	B Gomoty	0 0	Begindly		. B exemothy				B- Gonathy.
13	21UIT013	RAMYAA SHRI K	Rly St	Ryse	Rych	Right	Rhysh	Ry Si	Rly Shi	Rysh	Regge Sli	brit the
14	21UTT014	SUDHARSANA I	J. Sudhouene	I. Sidherune	C. Sulheum	I Sudham	P. Sudhaum	I Sudharsh	T.s rdhaum	T. Sydhain	I god here	Continue
15	21UIT015	PREM KUMAR M	MZ	H	AB	DE		M	17	THE	1	A STATE OF THE PARTY OF THE PAR
16	21UIT016	RAJESH R M	A	1	. AA.	Pel -	Pople	Rejeste	Rb.	2h	Ph	Ruf
17	21UIT017	VEERA BALAGAN K	K.Y	KL	KIL	K.V	KD	1Ky	16.9	1	/ul	, Re
18	21UIT018	CHARANYA D	Dagon	Troops.	Cloud	chow	Too	A son	(Kang)	Cheo	Char	way
19	21UIT019	KAVIYA S	Saryel	Sanyaf	Navyal.	Sanget.	Sanyet	- Scarried	granter.	Sayof.	framps.	granter?
20	21UIT020	KARTHIKA DEVI S R	cortrile	1000 Suit	ice . from	10 tot	100 stile	-cath	Kartin	OD	Karthites	Karthick
21	21UIT021	TEJASH DHAKSHIN S	Tojim	Sojan	870	Sigs	Sejes	300	Sejes	3 des	Sept	Bejan.
22	21UIT022	SUBATHIRA KUMARI M	Sunds	Subult	AB	AB	AB	AB	AB	AB	SUMBL	Suballe
23	21UIT023	SANDEEP JOE A	6.500	8-500	S. Joe	S. Joe	8. Joe	8.000	6. Joe,	S. Joe	8.000	S. The.
24	21UIT024	SIVAMUTHU NARAYANA SABARIGANESH A	Shinkson	Plagent	Chi-4	She or	Coto	Cod	3hp	5265	SEL	&
25	21UIT025	SHOBA SRI M	M. Sust	M.865	M. 8631	MAST	M.SLS	M. Shor	Mosh	M. Sh.5.	M. 58.61	M. 585
26	21UIT026	MAGASAKTHI S	g. Migu	9 Auga	G. Mel	P. May	of mag-	S. May	& mayo	Dungs	E. wode	Magny
27	21UIT027	MEGHA A M	Migha	Meghn	Megina	tragha	Migha	: Mergin	Megha	Magho	Megha	Megha

Sl.	Student Nome		Student Name		06.01.2023		07.01.2023		09.01.2023		10.01.2023	
No.	Number	Student Name	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
28	21UIT028	SHARMILA DEVI G	C. LX	Cr dry	a dix	arry	Gr-SVM	(m.3)+	Sty.	.OD	Gr. Slig	OD
29	21UIT029	AKILA K	900	dig	dir	dille	dely	Dir	Join	900	des	Will
30	21UIT030	GANESH KUMAR M	a Crist	4.50	m Ja	4.032	m Gran	n. (30	m Cost	M-GIK	M- Dale	
31	21UIT031	DHARUN S	Darun	Dharur!	Masur	Diagon-	Chasun-	DA	Duk	DA	Dhame	38
32	21UIT032	SUBEGA BANU S	A.	C	S. Swy	S.S.M.	S.Sul	Sul	S. S. M.	5.84	S.Syx	5.3
33	21UIT033	KABILESH K		(Say)	( )	(F)	. 8		XXX		8	& Del
34	21UIT034	SENTHIL KUMAR T B	Nonte	Xo H	Lost	dest	Let	wife	Kull	Byl	No.	Vall
35	21UIT035	PRIYADHARSHINI A	denja	Dep.	Dipul	Alpen	Aufen	they	1	too	Soff	fry
36	21UIT036	VISALI MANIPIRYA V	Visali	Visali	Visali	visali	Visali	Next	Virlle	Whati	vivali	いんのして
37	21UIT037	NIKITHA B	Kenth	Phila	pout	putter	Phone	Sull	routel	butt		West of
38	21UIT038	MEENAKSHI S	8.7	87	8.3	8.17	877.	03.EJ.	SH.	<b>(1)</b>	B. 19	8.4
39	21UIT039	AARTHILEKHA A	A. Anthy	A. A. A.tty	A-Atty	A. A. A. A.	A. Anthy	A. Authy	A. Acitha	A Aarthy.	A. Aarthy	A Auth
40	21UT1040	VISHNU PRIYA G	Vichnupin	of Junior	Jahana Jahan	Virhou	Wishner.	Kirkunday	Vishnulay	Virshambang.	111shmering	Whineprys
41	21077041	SIBI SIDDHARTHAN S	S	1	2	1	2	1	2	Sens	8	2
42	211/11/042	HI MA MALINI R	AB	AB	AB	AB	AB	AB	AB	AB	A:B	AB
43	21UI1043	K NEPANA CHARULA S	Kalfan	layana	Kalfun	e lealpara	. Kalpang	题。	Od .	(Ray	ây	Bay
44	21UIT044	KAVIYA G	G. Baring	-G Larry	1 10	1 10	1 1 2	G-Kang	G Baric	Glady-	G. Carry	Gataviya

51.	Roll	Student Norma	05.01.2023		06.01	06.01.2023		07.01.2023		09.01.2023		1.2023
No.	Number	Student Name	EN		EN	17	EZ	17	15	AS	FN	AN
. 45	211/11/045	ABISHEK RAJ S	8.44	3.44	8.44	shif	sky	3-tot	5.4	9.M	54	-Styl
		JOE SELVARAKSHAND	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
47	21U11047	EASKKITHAL a SUMATHI	M Snath	: M. Snoth	M. Snah	M Small	M. Sundl	MSath	M. Sumat	MSimath	H. Om.	MSmath
48	21011048	BALAJI G S	glof .	Gly.	Gluf.	They	chief	Cold	CHS	A	10	Co
49	21U11049	VISHAL M	violation	Jestalia	virlain	rental on	what or	wished !	sinhal ca	Suhdon	- Justal &	13 West M
50	21UTT050	CHRISTIKA S	Sakchi	SX. Chi	5-k-Chi	5-xchi	S.X. Chi	AB	AB	AB	4. Kch	Q. K. Chi.
51	21UIT051	BABY S	S.Bop	SEY	S.But	S. Burt	S. Burp	. S. Buz	Slug	S. But	But	S Buy
52	21UIT052	KAVIYA M	Kaviyar)	pariyar	Jawrey V	Kowing (	Kariya (4)	Janyar)	Javi mit	Jan gar	your ya.	Kowiya +)
53	21UIT053	ASWATHI G	Acusathu 6	Amosthe. G	Aurthut A	Acathe G	Aucathic	AmothiG	Atriaki Gr	Amath	Devisition Co	Napoli Ca
54	21UIT054	KISHORE M	STP.	Gist	Figh	right	6.75	MY	Short Street	6:56	4.8h	Gigh
55	21UIT055	ARTHI M	di	Li	And.	Ai	Air	Lie-	Ai	<b>O</b>	Soli	OD
56	21UIT056	PRAVEEN KUMAR M	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
57	21UIT057	BALA CHIBI HARIESH B	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
58	21UIT058	PRAVEEN L	Litrape /	1. Praction	Litteller	Proven	traver	L. Pronten	1 Prayer	1. over	L. Bravacil	L. Drings
59	21UIT059	SAAMIR GAFFUR MOHAMMED YAKUB SHAH	Soamie	Saamo	, Jaanne	Soamo	Soon	1-6	Serani	Spanis	Baamy	Cambr
60	21UIT060	SWATHEES WARLG	Owarlis	Swathis	Quarting	Savalled	Sevothil	Eurally	& wall	Quel	· Sud	Sarada

Sl.	Roll		05.01.2023		06.01.2023		07.01.2023		09.01.2023		10.01.2023	
No.	Number	Student Name	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
61	21UIT061	MUTHURAM M	majman	Muthuray	Nesthuray.	Nuthuray.	mathogay	hostopat.	M, Nothang	Middle	it dalmid	4. Matura
62	21UIT062	RUBAN REYEASH S	Rel	De	De	Ry	AB	AB	AB	ÂB	Re	Sty.
63	21UIT063	ASHISH J	JAshish	J'Ashush	J. Ashish	FAShish	Jeshish	J. Ashirt	J. pl	J. K	J. Aship:	5. Shehis
64	21UIT064	BHUVAN MUTHU V	V. Bhur	V. Bhur	V.Bhuw	V.Bhu	b ( Bhur	i. Bhur	V. ghu	b-Bha	U.Bha	V. Shure
65	21UIT065	SARAVANAKUMAR P	Plane	g. Say	J-Soul	D-Sour?	J. Sound	Post	p. Sul	The second	Jan House	ST
Total Strength		65	65	65	65	65	65	65	65	65	65	
	Numbe	er of Students Present	60	60	58	59	58	57	56	52	60	38
Number of Students Absent			5	5	٦	6	7	8	9	13	5	7
Sign	nature of Val	ue Added Course Coordinator	Perd	popula	Soprales	Deide	phalp	Deidle	popular	Phille	popula	popular

UG Coordinator 11/11/2023

HoD/II



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

### Department of Information Technology

11. Evaluated Answer Script

Value Added Course

on

Web Application Development using JSP and Web Services

⊙ 50 minutes

### **Web Application Development** using JSP and Web Services

Value Added Course - II IT - 05.01.2023 to 10.01.2023 - Mr. V. D. Sabareeswaran - Silicon **Software Services** 

* Requir	red
* This fo	orm will record your name, please fill your name.
1. Serv	vlet based on which Language? * (4 Points)
$\bigcirc$	Python
$\bigcirc$	Java
$\bigcirc$	C++
	С

2.	Serv	let has a Main method. * (4 Points)
	$\bigcirc$	True
	$\bigcirc$	False
3.	The	variable "response" is created from * (4 Points)
	$\bigcirc$	HttpServletClient
	$\bigcirc$	HttpServletSession
	$\bigcirc$	HttpServletResponse
	$\bigcirc$	HttpServletRequest
4.	doG	et, doPost are* (4 Points)
	$\bigcirc$	Http Methods
		Class Methods
	$\bigcirc$	Java Methods
		Main Methods

5.	<inp< th=""><th>out type="text"&gt; creates what? * (4 Points)</th></inp<>	out type="text"> creates what? * (4 Points)
	$\bigcirc$	Text Box
	$\bigcirc$	Button
	$\bigcirc$	Form
	$\bigcirc$	Password Box
6.	Pick	the correct one. * (4 Points)
	$\bigcirc$	<form action="xyz"></form>
	$\bigcirc$	<form action="xyz" method="get"></form>
	$\bigcirc$	<form action="xyz" method="GET"></form>
	$\bigcirc$	All of the Above
7.	How	a servlet and html form connected? * (4 Points)
	$\bigcirc$	Using Servlet
	$\bigcirc$	Using a XML File
	$\bigcirc$	Using JDBC Connector
	$\bigcirc$	Using JSP

8.	Whi	ch method is used to make the response type? * (4 Points)		
	$\bigcirc$	setContentType();		
	$\bigcirc$	setWriter();		
	$\bigcirc$	getParameter();		
	$\bigcirc$	getWriter();		
9.	9. What is the return type for getWriter()? * (4 Points)			
	$\bigcirc$	Class		
	$\bigcirc$	Void		
	$\bigcirc$	PrintWriter		
	$\bigcirc$	String		
10. What is the return type for getParameter()? * (4 Points)				
		Object		
	$\bigcirc$	String		
	$\bigcirc$	Integer		
		Boolean		

11.	. Which method is used to bundle a data?* * (4 Points)		
		getAttribute();	
	$\bigcirc$	setSession();	
	$\bigcirc$	getSession();	
	$\bigcirc$	setAttribute();	
12.	Wha	at is the return type for getName()? * (4 Points)	
	$\bigcirc$	String	
	$\bigcirc$	Integer	
	$\bigcirc$	Void	
		Boolean	
13.	Whi	ch method is used for class registration?* * (4 Points)	
	$\bigcirc$	setClass();	
	$\bigcirc$	forName();	
	$\bigcirc$	getClass();	
		setMethod();	

14. Pick the correct one. * (4 Points)				
$\bigcirc$	xml -> html -> servlet			
$\bigcirc$	xml -> servlet -> html			
$\bigcirc$	html -> xml -> servlet			
$\bigcirc$	servlet -> html -> xml			
15. Which query is correct? * (4 Points)				
$\bigcirc$	create tablename;			
$\bigcirc$	create from database;			
$\bigcirc$	select * insert from tablename;			
$\bigcirc$	insert table tablename(Name) values("raj");			
16. Syntax to create database. * (4 Points)				
$\bigcirc$	use databasename.tablename;			
$\bigcirc$	use databasename;			
$\bigcirc$	create database databasename;			
$\bigcirc$	create database.databasename;			

17.	Wha	at is the return type for excecuteQuery()? * (4 Points)
	$\bigcirc$	ResultSet
		String
	$\bigcirc$	PrintWriter
	$\bigcirc$	Statement
18.	Wha	at is the use of truncate? * (4 Points)
	$\bigcirc$	Clears Data in Table
	$\bigcirc$	Deletes the Table
		Deletes the Database
	$\bigcirc$	Clears the data which is updated recently
19.	Wha	at is the abbreviation for DD? * (4 Points)
	$\bigcirc$	Dead Data
		Dashboard Details
	$\bigcirc$	Deployment Desk
		Deployment Descriptor

20.	Wha	at is the abbreviation for TCP? * (4 Points)
	$\bigcirc$	Transmission Commission Pool
	$\bigcirc$	Transmission Control Protocol
	$\bigcirc$	Transfer Control Protocol
	$\bigcirc$	Transfer Commission Pool
21.	Brov	vser is also called as * (4 Points)
	$\bigcirc$	Server
	$\bigcirc$	Chrome
	$\bigcirc$	Client
	$\bigcirc$	Website
22.	Whi	ch of the following passes request? * (4 Points)
		IP
	$\bigcirc$	Server
	$\bigcirc$	Html
		Http

23.	Wha	at is JSP? * (4 Points)
	$\bigcirc$	Java Server Program
	$\bigcirc$	Java Script Page
	$\bigcirc$	Java Servlet Program
	$\bigcirc$	Java Server Page
24.	Whi	ch of the following is Scriplet tag? * (4 Points)
	$\bigcirc$	<%! %>
	$\bigcirc$	<% %>
	$\bigcirc$	<%>
	$\bigcirc$	<%= %>
25.	Stat	ement is the return type for which Method? * (4 Points)
	$\bigcirc$	generateStatement();
	$\bigcirc$	getStatement();
	$\bigcirc$	prepareStatement();
	$\bigcirc$	createStatement();

This content is neither created nor endorsed by Microsoft. The data you submit will be sent to the form owner.



### Review: Web Application Development using JSP and Web Services

Respondent	27.22	06/100	
49 VINODHAN.M	27:33 Time to complete	96/100 Points	
✓ Correct 4/4 Points			4 / 4 pts Auto-graded
1. Servlet based on which Language? *			
Python			
○ c			
O++			
✓ Correct 4/4 Points			4 / 4 pts Auto-graded
2. Servlet has a Main method. *			ý
○ True			
False   ✓			
✓ Correct 4/4 Points			4 / 4 pts Auto-graded
3. The variable "response" is created from *			ý
HttpServletRequest			
☐ HttpServletSession			
○ HttpServletClient			

✓ Correct 4/4 Points	4 / 4 pts Auto-graded
4. doGet, doPost are *	
Main Methods	
Class Methods	
☐ Java Methods	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
5. <input type="text"/> creates what? *	
■ Text Box ✓	
Password Box	
Button	
Form	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
<ul><li>Correct 4/4 Points</li><li>6. Pick the correct one. *</li></ul>	4 / 4 pts Auto-graded
6. Pick the correct one. *	
6. Pick the correct one. * <pre></pre>	
6. Pick the correct one. * <pre></pre>	
6. Pick the correct one. * <pre></pre>	
6. Pick the correct one. * <pre></pre>	Auto-graded  4 / 4 pts
6. Pick the correct one. * <pre></pre>	Auto-graded
6. Pick the correct one. * <pre></pre>	Auto-graded  4 / 4 pts
6. Pick the correct one. * <pre></pre>	Auto-graded  4 / 4 pts
6. Pick the correct one. * <pre></pre>	Auto-graded  4 / 4 pts

✓ Correct 4/4 Points	4 / 4 pts Auto-graded
8. Which method is used to make the response type? *	
setContentType(); ✓	
<pre>getWriter();</pre>	
getParameter();	
setWriter();	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
9. What is the return type for getWriter()? *	
○ PrintWriter ✓	
String	
○ Void	
Class	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
✓ Correct 4/4 Points 10. What is the return type for getParameter()? *	4 / 4 pts Auto-graded
10. What is the return type for getParameter()? *	
10. What is the return type for getParameter()? *  String ✓	
10. What is the return type for getParameter()? *  String ✓ Integer	
10. What is the return type for getParameter()? * <ul> <li>String ✓</li> <li>Integer</li> <li>Object</li> </ul>	
10. What is the return type for getParameter()? * <ul> <li>String ✓</li> <li>Integer</li> <li>Object</li> </ul>	
10. What is the return type for getParameter()? * <ul> <li>String ✓</li> <li>Integer</li> <li>Object</li> <li>Boolean</li> </ul>	Auto-graded  0 /4 pts
10. What is the return type for getParameter()? * <ul> <li>String ✓</li> <li>Integer</li> <li>Object</li> <li>Boolean</li> </ul> <li>★ Incorrect 0/4 Points</li>	Auto-graded  0 /4 pts
10. What is the return type for getParameter()? * <ul> <li>String ✓</li> <li>Integer</li> <li>Object</li> <li>Boolean</li> </ul> <li>X Incorrect 0/4 Points</li> 11. Which method is used to bundle a data?* *	Auto-graded  0 /4 pts
10. What is the return type for getParameter()? *  String ✓  Integer  Object  Boolean  X Incorrect 0/4 Points  11. Which method is used to bundle a data?* *  setAttribute(); ✓	Auto-graded  0 /4 pts

✓ Correct 4/4 Points	4 / 4 pts Auto-graded
12. What is the return type for getName()? *	
String ✓	
○ Integer	
○ Void	
Boolean	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
13. Which method is used for class registration?* *	
forName(); ✓	
getClass();	
setMethod();	
setClass();	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
14. Pick the correct one. *	
html -> xml -> servlet 🗸	
servlet -> html -> xml	
xml -> servlet -> html	
xml -> html -> servlet	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
✓ Correct 4/4 Points 15. Which query is correct? *	
15. Which query is correct? *	
15. Which query is correct? *	

✓ Correct 4/4 Points	4 / 4 pts Auto-graded
16. Syntax to create database. *	
use databasename;	
use databasename.tablename;	
create database.databasename;	
○ create database databasename; ✓	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
17. What is the return type for excecuteQuery()? *	
ResultSet ✓	
String	
O PrintWriter	
Statement	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
✓ Correct 4/4 Points 18. What is the use of truncate? *	4 / 4 pts Auto-graded
18. What is the use of truncate? *	
18. What is the use of truncate? *  © Clears Data in Table ✓	
18. What is the use of truncate? *  Clears Data in Table   Clears the data which is updated recently	
18. What is the use of truncate? *  Clears Data in Table   Clears the data which is updated recently  Deletes the Table	
18. What is the use of truncate? *  Clears Data in Table   Clears the data which is updated recently  Deletes the Table	
18. What is the use of truncate? *	Auto-graded
18. What is the use of truncate? *  Clears Data in Table  Clears the data which is updated recently  Deletes the Table  Deletes the Database  Correct 4/4 Points	Auto-graded
18. What is the use of truncate? *  Clears Data in Table  Clears the data which is updated recently  Deletes the Table Deletes the Database  Correct 4/4 Points  19. What is the abbreviation for DD? *	Auto-graded
18. What is the use of truncate? *	Auto-graded

✓ Correct 4/4 Points	4 / 4 pts Auto-graded
20. What is the abbreviation for TCP? *	
Transfer Control Protocol	
Transfer Commission Pool	
Transmission Commission Pool	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
21. Browser is also called as *	
Client ✓	
Chrome	
Website	
Server	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
<ul><li>✓ Correct 4/4 Points</li><li>22. Which of the following passes request? *</li></ul>	4 / 4 pts Auto-graded
22. Which of the following passes request? *	
22. Which of the following passes request? *  Html	
22. Which of the following passes request? *  Html  Http ✓	
22. Which of the following passes request? *  Html  Http ✓  Server	
22. Which of the following passes request? *  Html  Http ✓  Server	
22. Which of the following passes request? *  Html  Http  Server  IP	Auto-graded
22. Which of the following passes request? *  Html  Http  Server  IP  Correct 4/4 Points	Auto-graded
22. Which of the following passes request? *  Html  Http  Server  IP  Correct 4/4 Points  23. What is JSP? *	Auto-graded
22. Which of the following passes request? *  Html  Http  Server  IP  Correct 4/4 Points  23. What is JSP? *  Java Servlet Program	Auto-graded

✓ Correct 4/4 Points	4 / 4 pts Auto-graded
24. Which of the following is Scriplet tag? *	J
⟨% %> ✓	
<%! %>	
<%>	
<%= %>	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
✓ Correct 4/4 Points 25. Statement is the return type for which Method? *	
25. Statement is the return type for which Method? *	
25. Statement is the return type for which Method? *	

### Review: Web Application Development using JSP and Web Services

Respondent	10.27 00./100
32 AARTHILEKHA.A	19:37 80/100 Time to complete Points
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
1. Servlet based on which Language? *	
Python	
○ c	
O++	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
2. Servlet has a Main method. *	
True	
False   ✓	
X Incorrect 0/4 Points	0 / 4 pts Auto-graded
3. The variable "response" is created from *	
☐ HttpServletRequest	
☐ HttpServletResponse ✓	
HttpServletSession	
HttpServletClient	

X Incorrect 0/4 Points	0 / 4 pts Auto-graded
4. doGet, doPost are*	
Main Methods	
Class Methods	
O Java Methods	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
5. <input type="text"/> creates what? *	
■ Text Box ✓	
O Password Box	
Button	
○ Form	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
<ul><li>✓ Correct 4/4 Points</li><li>6. Pick the correct one. *</li></ul>	4 / 4 pts Auto-graded
6. Pick the correct one. *	
6. Pick the correct one. * <pre> <form action="xyz"></form></pre>	
6. Pick the correct one. * <pre></pre>	
6. Pick the correct one. * <pre></pre>	
6. Pick the correct one. * <pre></pre>	
6. Pick the correct one. * <pre></pre>	Auto-graded
6. Pick the correct one. * <pre></pre>	Auto-graded
6. Pick the correct one. * <pre></pre>	Auto-graded
6. Pick the correct one. * <pre></pre>	Auto-graded

	✓ Correct 4/4 Points	4 / 4 pts Auto-graded
8.	Which method is used to make the response type? *	
	setContentType(); ✓	
	getWriter();	
	getParameter();	
	setWriter();	
	✓ Correct 4/4 Points	4 / 4 pts Auto-graded
9.	What is the return type for getWriter()? *	
	● PrintWriter ✓	
	○ String	
	○ Void	
	Class	
	✓ Correct 4/4 Points	4 / 4 pts Auto-graded
	✓ Correct 4/4 Points  What is the return type for getParameter()? *	4 / 4 pts Auto-graded
	What is the return type for getParameter()? *	
	What is the return type for getParameter()? *  String ✓	
	What is the return type for getParameter()? *  String  Integer	
	What is the return type for getParameter()? *  String ✓  Integer  Object	
10.	What is the return type for getParameter()? *  String ✓  Integer  Object	
10.	What is the return type for getParameter()? *  String ✓  Integer  Object  Boolean	Auto-graded
10.	What is the return type for getParameter()? *  String ✓  Integer  Object  Boolean  ✓ Correct 4/4 Points	Auto-graded
10.	What is the return type for getParameter()? *  String ✓  Integer  Object  Boolean  ✓ Correct 4/4 Points  Which method is used to bundle a data?* *	Auto-graded
10.	What is the return type for getParameter()? *  String   Integer  Object  Boolean  Correct 4/4 Points  Which method is used to bundle a data?* *  setAttribute();   setAttribute();   **	Auto-graded

✓ Correct 4/4 Points	4 / 4 pts Auto-graded
12. What is the return type for getName()? *	
String ✓	
○ Integer	
○ Void	
Boolean	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
13. Which method is used for class registration?* *	
oforName(); ✓	
getClass();	
setMethod();	
setClass();	
X Incorrect 0/4 Points	0 / 4 pts Auto-graded
14. Pick the correct one. *	
html -> xml -> servlet 🗸	
servlet -> html -> xml	
xml -> servlet -> html	
xml -> html -> servlet	
X Incorrect 0/4 Points	0 / 4 pts Auto-graded
15. Which query is correct? *	
insert table tablename(Name) values("raj");	
select * insert from tablename;	
create from database;	
create tablename;	

	X Incorrect 0/4 Points	0 / 4 pts Auto-graded
16.	Syntax to create database. *	
	use databasename;	
	use databasename.tablename;	
	create database.databasename;	
	○ create database databasename; ✓	
	✓ Correct 4/4 Points	4 / 4 pts Auto-graded
17.	What is the return type for excecuteQuery()? *	
	ResultSet ✓	
	○ String	
	PrintWriter	
	○ Statement	
	✓ Correct 4/4 Points	4 / 4 pts Auto-graded
18.	What is the use of truncate? *	
	Clears Data in Table ✓	
	Clears the data which is updated recently	
	Clears the data which is updated recently  Deletes the Table	
	Deletes the Table	
	Deletes the Table	4 / 4 pts Auto-graded
	Deletes the Table  Deletes the Database	4 / 4 pts Auto-graded
	<ul><li>Deletes the Table</li><li>Deletes the Database</li><li>✓ Correct 4/4 Points</li></ul>	
	<ul> <li>Deletes the Table</li> <li>Deletes the Database</li> <li>✓ Correct 4/4 Points</li> <li>What is the abbreviation for DD? *</li> </ul>	
	<ul> <li>Deletes the Table</li> <li>Deletes the Database</li> <li>✓ Correct 4/4 Points</li> <li>What is the abbreviation for DD? *</li> <li>Deployment Descriptor ✓</li> </ul>	

✓ Correct 4/4 Points	4 / 4 pts Auto-graded
20. What is the abbreviation for TCP? *	
Transfer Control Protocol	
Transfer Commission Pool	
Transmission Commission Pool	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
21. Browser is also called as *	
Client ✓	
Chrome	
Website	
Server	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
✓ Correct 4/4 Points 22. Which of the following passes request? *	4 / 4 pts Auto-graded
22. Which of the following passes request? *	
22. Which of the following passes request? *  Html	
22. Which of the following passes request? *  Html  Http ✓	
22. Which of the following passes request? *  Html  Http   Server	
22. Which of the following passes request? *  Html  Http   Server	
22. Which of the following passes request? *  Html  Http  Server  IP	Auto-graded  4 / 4 pts
22. Which of the following passes request? *  Html  Http  Server  IP  Correct 4/4 Points	Auto-graded
22. Which of the following passes request? *  Html  Http  Server  IP  Correct 4/4 Points  23. What is JSP? *	Auto-graded
22. Which of the following passes request? *  Html Http ✓ Server IP  Correct 4/4 Points  23. What is JSP? *  Java Servlet Program	Auto-graded

✓ Correct 4/4 Points	4 / 4 pts Auto-graded
24. Which of the following is Scriplet tag? *	J
⟨% %> ✓	
<%! %>	
<%>	
<%= %>	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
✓ Correct 4/4 Points 25. Statement is the return type for which Method? *	
25. Statement is the return type for which Method? *	
25. Statement is the return type for which Method? *	

### Review: Web Application Development using JSP and Web Services

Respondent 12 KISHO	RE.M	13:51 Time to complete	60/100 Points	
✓ Correct 4/4 Points  1. Servlet based on which Language? *  ☐ Java ✓  ☐ Python  ☐ C				4 / 4 pts Auto-graded
<ul> <li>C++</li> <li>X Incorrect 0/4 Points</li> <li>2. Servlet has a Main method. *</li> <li>True</li> <li>False ✓</li> </ul>				0 / 4 pts Auto-graded
<ul> <li>✓ Correct 4/4 Points</li> <li>3. The variable "response" is created from the head of the head of</li></ul>	om*			4 / 4 pts Auto-graded
HttpServletSession  HttpServletClient				

X Incorrect 0/4 Points	0 / 4 pts Auto-graded
4. doGet, doPost are*	
Main Methods	
Class Methods	
☐ Http Methods ✓	
Java Methods	
X Incorrect 0/4 Points	0 / 4 pts Auto-graded
5. <input type="text"/> creates what? *	
☐ Text Box ✓	
Password Box	
Button	
Form	
X Incorrect 0/4 Points	0 / 4 pts Auto-graded
<ul><li>X Incorrect 0/4 Points</li><li>6. Pick the correct one. *</li></ul>	0 / 4 pts Auto-graded
6. Pick the correct one. *	
6. Pick the correct one. * <pre> <form action="xyz"></form></pre>	
6. Pick the correct one. * <pre></pre>	
6. Pick the correct one. * <pre></pre>	
6. Pick the correct one. * <pre></pre>	Auto-graded 4 /4 pts
6. Pick the correct one. * <pre></pre>	Auto-graded
6. Pick the correct one. * <pre></pre>	Auto-graded 4 /4 pts
6. Pick the correct one. * <pre></pre>	Auto-graded 4 /4 pts
6. Pick the correct one. * <pre></pre>	Auto-graded 4 /4 pts

	X Incorrect 0/4 Points	0 / 4 pts Auto-graded
8.	Which method is used to make the response type? *	
	○ setContentType(); ✓	
	<pre>getWriter();</pre>	
	getParameter();	
	setWriter();	
	✓ Correct 4/4 Points	4 / 4 pts Auto-graded
9.	What is the return type for getWriter()? *	
	○ PrintWriter ✓	
	○ String	
	○ Void	
	Class	
	✓ Correct 4/4 Points	4 / 4 pts Auto-graded
10	What is the return type for getParameter()? *	
10.		
10.	String ✓	
10.		
10.	String ✓	
10.	<ul><li>String ✓</li><li>Integer</li></ul>	
	<ul><li>String ✓</li><li>Integer</li><li>Object</li></ul>	
	<ul><li>String ✓</li><li>Integer</li><li>Object</li></ul>	4 /4 pts Auto-graded
	<ul><li>String ✓</li><li>Integer</li><li>Object</li><li>Boolean</li></ul>	
	<ul> <li>String ✓</li> <li>Integer</li> <li>Object</li> <li>Boolean</li> <li>✓ Correct 4/4 Points</li> </ul>	
	<ul> <li>String ✓</li> <li>Integer</li> <li>Object</li> <li>Boolean</li> <li>✓ Correct 4/4 Points</li> </ul> Which method is used to bundle a data?* *	
	<ul> <li>String ✓</li> <li>Integer</li> <li>Object</li> <li>Boolean</li> <li>✓ Correct 4/4 Points</li> <li>Which method is used to bundle a data?* *</li> <li>setAttribute(); ✓</li> </ul>	

✓ Correct 4/4 Points	4 / 4 pts Auto-graded
12. What is the return type for getName()? *	
String ✓	
○ Integer	
○ Void	
Boolean	
X Incorrect 0/4 Points	0 / 4 pts Auto-graded
13. Which method is used for class registration?* *	
forName(); ✓	
getClass();	
setMethod();	
setClass();	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
✓ Correct 4/4 Points 14. Pick the correct one. *	4 / 4 pts Auto-graded
14. Pick the correct one. *	
14. Pick the correct one. *  html -> xml -> servlet	
14. Pick the correct one. * <pre>html -&gt; xml -&gt; servlet  </pre> <pre>servlet -&gt; html -&gt; xml</pre>	
14. Pick the correct one. * <pre>html -&gt; xml -&gt; servlet</pre>	
14. Pick the correct one. * <pre>html -&gt; xml -&gt; servlet</pre>	
14. Pick the correct one. *  html -> xml -> servlet   servlet -> html -> xml  xml -> servlet -> html  xml -> servlet -> html	Auto-graded  0 /4 pts
14. Pick the correct one. *  html -> xml -> servlet   servlet -> html -> xml  xml -> servlet -> html  xml -> html -> servlet  X Incorrect 0/4 Points	Auto-graded  0 /4 pts
14. Pick the correct one. *    html -> xml -> servlet	Auto-graded  0 /4 pts
14. Pick the correct one. * <pre>html -&gt; xml -&gt; servlet ✓</pre> <pre>servlet -&gt; html -&gt; xml</pre> <pre>xml -&gt; servlet -&gt; html</pre> <pre>xml -&gt; html -&gt; servlet</pre> X Incorrect 0/4 Points 15. Which query is correct? * <pre>insert table tablename(Name) values("raj"); ✓</pre>	Auto-graded  0 /4 pts

X Incorrect 0/4 Points	0 / 4 pts Auto-graded
16. Syntax to create database. *	
use databasename;	
use databasename.tablename;	
create database.databasename;	
○ create database databasename; ✓	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
17. What is the return type for excecuteQuery()? *	
ResultSet ✓	
String	
O PrintWriter	
Statement	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
18. What is the use of truncate? *	J
Clears Data in Table 🗸	
Clears Data in Table   Clears the data which is updated recently	
Clears the data which is updated recently	
Clears the data which is updated recently  Deletes the Table	
Clears the data which is updated recently  Deletes the Table	4 / 4 pts Auto-graded
Clears the data which is updated recently  Deletes the Table  Deletes the Database	4 / 4 pts Auto-graded
<ul> <li>Clears the data which is updated recently</li> <li>Deletes the Table</li> <li>Deletes the Database</li> </ul> ✓ Correct 4/4 Points	
<ul> <li>Clears the data which is updated recently</li> <li>Deletes the Table</li> <li>Deletes the Database</li> <li>✓ Correct 4/4 Points</li> <li>19. What is the abbreviation for DD? *</li> </ul>	
<ul> <li>Clears the data which is updated recently</li> <li>Deletes the Table</li> <li>Deletes the Database</li> <li>✓ Correct 4/4 Points</li> <li>19. What is the abbreviation for DD? *</li> <li>Deployment Descriptor ✓</li> </ul>	

✓ Correct 4/4 Points	4 / 4 pts Auto-graded
20. What is the abbreviation for TCP? *	
Transfer Control Protocol	
Transfer Commission Pool	
Transmission Commission Pool	
✓ Correct 4/4 Points	4 / 4 pts Auto-graded
21. Browser is also called as *	
Client ✓	
Chrome	
Website	
Server	
X Incorrect 0/4 Points	0 / 4 pts Auto-graded
X Incorrect 0/4 Points 22. Which of the following passes request? *	0 / 4 pts Auto-graded
22. Which of the following passes request? *	
22. Which of the following passes request? *	
22. Which of the following passes request? *  ☐ Html ☐ Http ✓	
22. Which of the following passes request? *  Html  Http ✓  Server	
22. Which of the following passes request? *  Html  Http ✓  Server	Auto-graded  4 /4 pts
22. Which of the following passes request? *  Html  Http ✓  Server  IP	Auto-graded
22. Which of the following passes request? *  Html Server  IP  Correct 4/4 Points	Auto-graded  4 /4 pts
22. Which of the following passes request? *  Html Http ✓ Server IP  Correct 4/4 Points  23. What is JSP? *	Auto-graded  4 / 4 pts
22. Which of the following passes request? *  Httnl  Http  Server  IP  Correct 4/4 Points  23. What is JSP? *  Java Servlet Program	Auto-graded  4 /4 pts

✓ Correct 4/4 Points	4 / 4 pts
	Auto-graded
24. Which of the following is Scriplet tag? *	
<%! %>	
<%= %>	
X Incorrect 0/4 Points	0 / 4 pts Auto-graded
25. Statement is the return type for which Method? *	
○ createStatement(); ✓	
<pre>getStatement();</pre>	
prepareStatement();	
generateStatement();	



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI) S.P.G.Chidambara Nadar - C.Nagammal Campus S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

## DEPARTMENT OF INFORMATION TECHNOLOGY

# VALUE ADDED COURSE "WEB APPLICATION DEVELOPMENT USING JSP AND WEB **SERVICES**"

05.01.2023 to 10.01.2023

PROJECT REPORT

30 +30 +40

(100) of.

Submitted By,

Name: Tejash Dhakshin S

Roll Number:21UIT021

project 1:
prole
HTML:  HTML:  TYPE html>
HTML.
2100
zhtml>
zhead?
sharsel 100
zmeta cristonia de la cristoni
ztitle <sup>2</sup> /head>
Zbody>
Zbody method="get">
A AC CORNIZ/bas
h2>USER NAME FORMIC/112> ch2>USER NAME FORMIC/112> h2>USER NAME FORMIC/112> h2>USER NAME FORMIC/112>
4br>
zinput type="submit" value="click">
zinput type
¿/form>
<u>.</u>
HTML output:
USER NAME FORM
Name :
click

Class:

```
public class raja { private String
<sub>name;</sub> public void
setName(String name) (
this.name=name;
} public String
getName() { return
name;
servlet 1:
import java.io.IOException; import
java.io.PrintWriter; import
javax.servlet.ServletException; import
javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import
_{javax.servlet.http. HttpServletRequest;} \\
import
javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
* Servlet implementation class ramu
@WebServlet("/ramu") public class ramu extends
HttpServlet { private static final long
serialVersionUID = 1L;
```

```
public void doGet(HttpServletRequest request, HttpServletRespense response)
throws ServietException, IOException (
              response.setContentType("text/html");
      PrintWriter out=response.getWriter();
String x = request.getParameter("uname");
out.println("Welcome "+x);
out.println("<htm>");
out.println("<body>");
 out.println("<form action='xyz' method='get'>"); out.println("Father name :
<input type='text' name='fname'>");
              out.println("<br>");
              out.println("<input type='submit'
value='click'>");
                             out.println("</form>");
out.println("</body>");
                                     out.println("</html>");
       raja v =new raja();
               v.setName(x);
               HttpSession s = request.getSession(true);
               s.setAttribute("z", v);
 Servlet 2:
 import java.io.IOException; import
 java.io.PrintWriter; import
 javax.servlet.ServletException; import
 javax.servlet.annotation.WebServlet;
 import javax.servlet.http.HttpServlet;
```

```
import
j^{avax.servlet.http.HttpServletRequest;}
import
javax. servlet. http. HttpServletResponse; \\
import javax.servlet.http.HttpSession;
 I_{*Servlet}^{*} implementation class venkat
*/
@WebServlet("/venkat") public class venkat
extends HttpServlet {
                              private static final
long serialVersionUID = 1L;
 protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
 ServletException, IOException {
               response.setContentType("text/html");
 printWriter out=response.getWriter();
               String x = request.getParameter("fname");
               HttpSession s=request.getSession(false);
               Object m = s.getAttribute("z");
               raja v = (raja)m;
 String y = v.getName();
 out.println("Welcome "+y+" "+x);
        }
 }
 Web.Xml:
 <?xml version="1.0" encoding="UTF-8"?>
 <web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"</pre>
 xmlns="http://xmlns.jcp.org/xml/ns/javaee"
 xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee
 http://xmlns.jcp.org/xml/ns/javaee/webapp_4_0.xsd" id="WebApp_ID" version="4.0">
```

```
Zdisplay-name>kcetthree</display-name>
zwelcome-file-list>
zwelcome-file>index.html</welcome-file>
<sub>Zwelcome-file>index.jsp</welcome-file></sub>
<sub>Zwelcome-file>index.htm</welcome-file></sub>
_welcome-file>default.html</welcome-file>
_welcome-file>default.jsp</welcome-file>
<sub><welcome</sub>-file>default.htm</welcome-file>
</welcome-file-list>
<servlet>
<servlet-name>s1</servlet-name>
<servlet-class><p
</servlet>
<servlet-mapping>
<servlet-name>s1</servlet-name>
<url-pattern>/abc</url-pattern>
</servlet-mapping>
 <servlet>
 <servlet-name>s2</servlet-name>
<servlet-class>venkat/servlet-class>
 </servlet>
 <servlet-mapping>
 <servlet-name>s2</servlet-name>
 <url-pattern>/xyz</url-pattern>
```

```
2/serviet-mapping>
<sub>2/web-app></sub>
<u>outputi</u>
<u>servlet 1:</u>
 Weclome Tejash
 Father Name;
 click
servlet 2:
 Weclome Tejash son of
 Senthil Durai
project 2:
HTML:
<!DOCTYPE html>
∠html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<form action="proThreeOne.jsp" method="get">
Name : <input type="text" name="uname">
<br>
<input type="submit"value="click">
</form>
</body>
```

```
c/html>
Html output:
 Name
class:
package proThree; public class
Raja { private String name; public
void setName(String name) {
this.name=name;
} public String
getName() { return
name;
Jsp 1:
 <%@ page language="java" contentType="text/html; charset=ISO-8859-1"</pre>
 pageEncoding="ISO-8859-1"%>
 <%@ page import="proThree.Raja" %>
 <!DOCTYPE html>
 <html>
 <head>
 <meta charset="ISO-8859-1">
 <title>Insert title here</title>
 </head>
 <body>
```

```
string x =request.getParameter("uname");
Raja();
v. setNamer, s=request.getSession(true);
v. setSession s=request.getSession(true);
Https://otatribute("z",v);
Http://eque.
action="proThreeTwo.jsp">
Father name :<input type="text" name="fname">
zinput type="submit" value="click">
4/form>
<sub>Z/body></sub>
Z/html>
JSP 2:
page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>

page import="proThree.Raja" %>

<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
 <body>
 <%
String x=request.getParameter("fname");
```

```
pttpsession s=request.getSession(false);

Httpsession s=request.getSession(false);

Session s=request.getSes
      Raja
   v.getName();
  out.println("Welcome Mr."+y+"
     nex);
    4/body>
    4/html>
  <u> 150 1:</u>
       Father name
       JSP 2:
          Weclome Tejash son of
            Senthil Durai
     project 3:
      HTML:
      <!DOCTYPE html>
      <html>
      <head>
       <meta charset="ISO-8859-1">
       <title>Insert title here</title>
       </head>
          <body>
           dorm action="abc">
```

"yere" name="home"> br> 
where "yext" name="home"> where "yext" name="bity"> country"> 
Market 11 Walter
type= "Yext" name= "Country"> > > br> > br> chr> chr> chr> 
My walke Treathann
WHITE TE BISTER S
be when
"Text" name="country"> 
Market and the state of the sta
Market "
andt:
al output
tuni output:
Value
No.
ON!
Commis
laf .
register
. 4.
servet 1:  import java.io.IOException; import
iava.io.
Meriter: import
inport in port
ava.sql.Connection; import
ava.sql.Com
<sub>ava.sql.Driver</sub> Manager; import
ava.sq
<sub>Na.sql.Prepared</sub> Statement; import
t-AF-veention: import
wax.servlet.ServletException; import
wax.servlet.annotation. Web Servlet;
wax.serviet.annocation.veesserviet,
nport javax.servlet.http.HttpServlet;
nport javax.set
anort.
nport
wax.servlet.http.HttpServletRequest;

```
good http.HttpServletResponse;
                     por implementation class update | journal of the conviction of the
                    Jet ("/update") public class update

private

private
                Artends Httpservlet (
                                                                                                             private static final
                one serial version UID = 1L;
               potected void doGet(HttpServletRequest request, HttpServletResponse response) throws
            out=response.getWriter();
                                                 String n=request.getParameter("name");
                                                  String c=request.getParameter("city");
                                                 String co=request.getParameter("country");
                                                   {
                                                                             Class.forName("com.mysql.jdbc.Driver");
                                                                           Connection
       Oriver Manager.getConnection("jdbc:mysql://localhost:3306/login", "root",
      con (1);
                                                                    PreparedStatement ps=con.prepareStatement("insert into log
    values(?,?,?)");
                                                                         ps.setString(1, n);
                                            ps.setString(2, c);
                  ps.setString(3, co);
int i=ps.executeUpdate();
                                                                      if(i>0) {
                                                                                              out.println("updated");
                                                                   else {
                                                                                              out.println("no");
                                      }catch(Exception e) {
```

```
system.out.println(e);
                 Webs: "1.0" encoding="UTF-8">>
                     mins:xsi="http://www.w3.org/2001/xMLSchema_instance"

mins:xsi="http://xmlns.jcp.org/xml/ns/javaee"

minstance

minstance
                apip xmins.jcp.org/xml/ns/javaee*

"http://xmlns.jcp.org/xmlns.jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp.org/xml/ns/jcp
                "http://xiiin="http://xmlns.jcp.org/xml/ns/javaee"

"http://xmlns.jcp.org/xml/ns/javaee

"http://xmlns.jcp.org/xml/ns/javaee/webapp_4_0
                  phins | phin | ocation | o
              Josephay-name>login2</display-name>
            welcome-file-list>
             ene-file>index.html</welcome-file>
            *** | File | index.jsp | welcome-file |
          welcome-file>index.htm</welcome-file>
          welcome-file>default.html</welcome-file>
         welcome-file>default.jsp</welcome-file>
         welcome-file>default.htm</welcome-file>
        /welcome-file-list>
        servlet>
      servlet-name>s1</servlet-name>
     servlet-class>update</servlet-class>
    </servlet>
  kservlet-mapping>
  servlet-name>s1</servlet-name>
 wrl-pattern>/abc</url-pattern>
</servlet-mapping>
```

web app>	
Nam Givakasi	
country.	
register	
updated	

raju madurai india kishore virudhunagar china kishore sivakasi japan sandeep sivakasi japan kabilesh vilampatti dubai kabilesh Sivakasi India



# DEPARTMENT OF INFORMATION TECHNOLOGY

## VALUE ADDED COURSE WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES" 05.01.2023 to 10.01.2023

PROJECT REPORT

Submitted By,

Name: RAJESH R M

Roll Number: 21UIT016

6x30x30

1	(est es
	project &
	MINIE html>
	ALL TABE HILL
	21000
	nimiz
	chead? charset="ISO-8859-1"> charset=title here
	charset="130"88333"1"
	eneta charse weather title here
	Little add
	4/net
	zbody>
	action="abc" method="get">
	AND NAME FORM
	Name : <input name="uname" type="text"/>
	<pre><pre></pre></pre>
	<pre> ¿input type="submit" value="click"&gt; </pre>
	zinput type= sability value= click">
	HTML output:

## USER NAME FORM

Name		MANAGEMENT PROGRESS AND STATES OF CONTROL OF
click	-	

Class:

```
rublic class raja ( private String
name; public void
setName(String name) (
th<sup>ts.na</sup>me≈name;
Public String
return () { return
<u>servlet 1:</u>
import java.io.IOException; import
java.io. PrintWriter; import
javax.servlet.ServletException; import
javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import
_{java X. ser Vlet.} http. HttpSer VletRequest;
import
javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
 /**
 * Servlet implementation class ramu
 @WebServlet("/ramu") public class ramu extends
 HttpServlet { private static final long
 serialVersionUID = 1L;
```

```
public void ander (HttpServietRe

                                 oGet(HttpServletRequest request, HttpServletResponse response resp
                                                                        Exceptionse.setContentType("text/html");
                               printWriter out=response.getWriter();
gring x request getparameter ("uname");
out.printin("Welcome "+x);
out.println("<htm>");
out.println("<body>");
      out.println("<form action='xyz' method='get'>"); out.println("Father name:
<sub>Zinput</sub> type='text' name='fname'>");
                                                                        out.println("<br>");
                                                                        out.println("<input type='submit'
                                                                                                                                                                  out.println("</form>");
value='click'>");
out.println("</body>");
                                                                                                                                                                                                               out.println("</html>");
                              <sub>raja v =new raja();</sub>
                                                                        v.setName(x);
                                                                       HttpSession s = request.getSession(true);
                                                                        s.setAttribute("z", v);
Servlet 2:
import java.io.IOException; import
java.io.PrintWriter; import
javax.servlet.ServletException; import
javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
```

```
;<sup>rl</sup>
,se<sup>rvlet</sup>.http.HttpServletRequest;
ing property of the parties of the p
  Inport javax.serviet.http.HttpSession;
  serviet implementation class venkat
 "/venkat") public class venkat

"/vebservlet {
extends HttpServiet {
                                                                                                                                                   private static final
ong serial Version UID = 1L;
     void doGet(HttpServletRequest request, HttpServletResponse response) throws
 protection, IOException {
response resp
                                                                 response.setContentType("text/html");
 printWriter out=response.getWriter();
                                                               String x = request.getParameter("fname");
                                                                HttpSession s=request.getSession(false);
                                                                  Object m = s.getAttribute("z");
                                                                 raja v = (raja)m;
 String y = v.getName();
 <sub>out.println("Welcome "+y+" "+x);</sub>
 Web.Xml:
  <?xml version="1.0" encoding="UTF-8"?>
  cweb-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="http://xmlns.jcp.org/xml/ns/javaee"
   xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee
  http://xmlns.jcp.org/xml/ns/javaee/webapp_4_0.xsd" id="WebApp_ID" version="4.0">
```

```
Jeervlet-mapping>
 Web-app>
 putputi
 servlet 1:
  Weclome Tejash
  Wersen Name;
servlet 2:
  WELCOME RAJESH
  WELL MURUGAN
SON OF MURUGAN
<sub>project</sub> 2:
HTML:
LIDOCTYPE html>
¿html>
<head>
<sub><meta</sub> charset="ISO-8859-1">
</title>Insert title here</title>
</head>
<body>
<form action="proThreeOne.jsp" method="get">
Name: <input type="text" name="uname">
<br>
<input type="submit"value="click">
</form>
</body>
```

```
um outputi
proThree; public class
per String name; public
roid set Name (String name) {
this.name=name;
} public String
getName() { return
<sub>name;</sub>
JSD : language="java" contentType="text/html; charset=ISO-8859-1"
 pageEncoding="ISO-8859-1"%>
 <sub>2%@ page import="proThree.Raja" %></sub>
 <!DOCTYPE html>
 <html>
 <head>
 <meta charset="ISO-8859-1">
 <title>Insert title here</title>
 </head>
 <body>
```

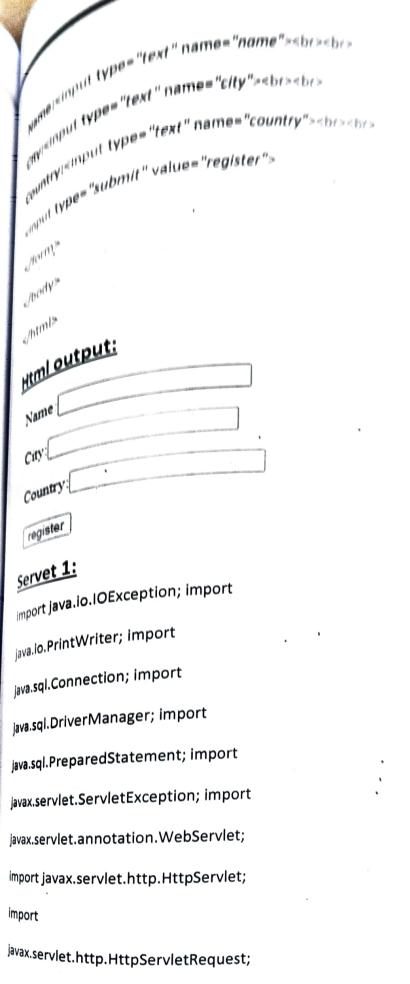
```
Raja();
                  ve new Raja();
  per series (x);

yether on serequest.getSession(true);

yether of the control of 
  prosession serieque
  orn actions "proThreeTwo.jsp">
   rather name: <input type="text" name="fname">
  ¿br' type="submit" value="click">
   4 form
    4/body>
   2/html>
 <u> 150 2:</u>
   JSD Z:
| Janguage="java" contentType="text/html; charset=ISO-8859-1"
  pageEncoding="ISO-8859-1"%>
  page import="proThree.Raja" %>
 ZIDOCTYPE html>
 <html>
 <head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%
String x=request.getParameter("fname");
```

ilipse mestala)mi ilipse mestala)mi ilipse mestala)mi ilipse mestala)mi vise(Narme()) out.printin("Welcome Mr."+y+" ,,\*x); ∠/body> /html> <u>output:</u> <u> 1512 1:</u> Father name click <u> 1512 2:</u> WELCOME RAJESH WEL OF MURUGAN project 3: HTML: <!DOCTYPE html> <html> <head> <meta charset="ISO-8859-1"> <title>Insert title here</title> </head> <body>

<form action="abc">



```
Hander Serviet. http. HttpServietResponse;
* implementation class update
*/webservlet("/update") public class update
extends HttpServiet {
                             private static final
ong serial Version UID = 1L;
protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
protestException, IOException {
              response.setContentType("text/html");
printWriter out=response.getWriter();
              String n=request.getParameter("name");
              String c=request.getParameter("city");
              String co=request.getParameter("country");
               try
               {
                        Class.forName("com.mysql.jdbc.Driver");
                       Connection
 con=DriverManager.getConnection("jdbc:mysql://localhost:3306/login", "root",
 "Kabilesh@2003");
                      PreparedStatement ps=con.prepareStatement("insert into log
 values(?,?,?)");
                        ps.setString(1, n);
                ps.setString(2, c);
        ps.setString(3, co);
 int i=ps.executeUpdate();
                         if(i>0) {
                               out.println("updated");
                         else {
                               out.println("no");
                  }catch(Exception e) {
```

```
System.out.println(e);
        Webixmli
       "1.0" encoding="UTF-8"?>
           xmins: No. jcp. org/xmi/ns/javaee"

| Application = "http://xmins.jcp.org/
| Application = "http
      "http://xmins.jcp.org/xml/ns/javaee"

"http://xmins.jcp.org/xml/ns/javaee

"http://xmins.jcp.org/xml/ns/javaee/webapp_4_0.xsd"
       Jame > login2 </display name>
    ome-file-list>
    html</welcome-file>
 welcome-file>index.jsp</welcome-file>
 default.html</welcome-file>
e<sup>lome-file</sup>>default.jsp</welcome-file>
| welcome-file>default.htm</welcome-file>
<sub>vekome-file-list></sub>
evlet>
րլել-name>s1</servlet-name>
a<sub>llet-class</sub>>update</servlet-class>
 jervlet>
evlet-mapping>
avlet-name>s1</servlet-name>
hattern>/abc</url-pattern>
@wlet-mapping>
```

web app > where ikabiesh was city: Sivakasi city: India country. India

raju madurai india kishore virudhunagar china kishore sivakasi japan sandeep sivakasi japan kabilesh vilampatti dubai kabilesh Sivakasi India



DEPARTMENT OF INFORMATION TECHNOLOGY

## VALUE ADDED COURSE WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES"

05.01.2023 to 10.01.2023

PROJECT REPORT

数十35十30

89.1. 20/01/23

Submitted By,

K.Kalai selvi

(920421205018)

92042105010

```
PROJECT 1:
                            File Name: NewFile1.html
iboc1791/html>
himle
howincharset="ISO-8859-1">
anethicharset title here
anelacian title here /title>
head
      cformaction="abc"method="get">
             Name: <inputtype="text"name="uname">
             <inputtype="submit"value="click here">
      </form>
<sub>4/body</sub>>
z/html>
SERVLET 1:
                             File Name: vino.java
importjava.io.IOException;
importjava.io.PrintWriter;
importjavax.servlet.ServletException;
importjavax.servlet.annotation.WebServlet;
importjavax.servlet.http.HttpServlet;
importjavax.servlet.http.HttpServletRequest;
importjavax.servlet.http.HttpServletResponse;
* Servlet implementation class vino
@WebServlet("/vino")
publicclass vino extendsHttpServlet {
privatestaticfinallongserialVersionUID = 1L;
publicvoiddoGet(HttpServletRequestrequest, HttpServletResponseresponse)
throwsServletException, IOException {
response.setContentType("text/html");
PrintWriterout=response.getWriter();
String x=request.getParameter("uname");
out.println("Welcome Mr. "+x);
out.println("<htm>");
 out.println("<body>");
 out.println("<form action='abd' method='get'>");
```

```
println("Father Name:<input type='text' name='fname'=");

| println("<br/>| input type='submit' value-'----
"and println("<input type='submit' value='click here'>");

and println("</form>");

and println("</form>");

and println("</body>");
anput type
anput type
anput type
("/form>");
anput type
("/form>");
("/body>");
("/hody>");
("/hody>");
("/hody>")
oody>");

| println("<html>");

| println("iner).
vinsd new vins();
vins. Name(x),
d.setName(x),
d.setNet.http.HttpSessions=request.getSession(true);
javax.servlet.http.d);
javax.servlet.http.d);
java.....p.rttq
setAttribute("z", d);
                                      File Name: Raju.java
SERVLET 2:
importjava.io.IOException;
importjava.io.PrintWriter;
importjavax.servlet.ServletException;
importjavax.servlet.annotation.WebServlet;
importjavax servlet.httn HttnS----
importjavax.servlet.http.HttpServlet;
importjavax.servlet.http.HttpServletRequest;
importjavax.servlet.http.HttpServletResponse;
importjavax.servlet.http.HttpSession;
* Servlet implementation class Raju
@WebServlet("/Raju")
publicclassRajuextendsHttpServlet {
privatestaticfinallongserialVersionUID = 1L;
publicvoiddoGet(HttpServletRequestrequest, HttpServletResponseresponse)
throwsServletException, IOException {
response.setContentType("text/html");
PrintWriterout=response.getWriter();
String x=request.getParameter("fname");
HttpSessions=request.getSession(false);
Object m=s.getAttribute("z");
vinsd=(vins)m;
String y=d.getName();
out.println("Welcome Mr. "+y+x);
```

File Name: vins.java

```
phic pidset Name (String name)
Maname name;
String getName()
emmame;
WEB. XML:
whappxmlns:xsi="http://www.w3.org/2001/XMLSchema-
whappxmlns="http://xmlns.jcp.org/xml/ns/javaeo", white://xmlns.jcp.org/
web-appxmlns:xsi //xmlns.jcp.org/xml/ns/javaee"xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee/web-
web-appxmlns="http://xmlns.jcp.org/xml/ns/javaee/web-
web-appxmlns:"id="WebApp_ID"version="4.0">
### / name > project3 </ display-name > irone-file-list>
welcome-file-list>
welcome-file>index.html</welcome-file>
weicome-file index.jsp</welcome-file index.htm</welcome-file
welcome-file>index.htm</welcome-file>
welcome-file>default.html</welcome-file>
welcome-file>default.jsp</welcome-file>
welcome-file>default.htm</welcome-file>
welcome-file-list>
    <servlet>
            <servlet-name>s1</servlet-name>
            <servlet-class>vino
     </servlet>
     <servlet-mapping>
            <servlet-name>s1</servlet-name>
            <url-pattern>/abc</url-pattern>
     </servlet-mapping>
     <servlet>
            <servlet-name>s2</servlet-name>
            <servlet-class>Raju</servlet-class>
     </servlet>
     <servlet-mapping>
            <servlet-name>s2</servlet-name>
```

/scrvlet-mapping> web-app

OUTPUT:

HIML:

SERVLET:

Welcome Mr.Kannan Kalai selvi

```
<sub>PROJECT</sub> 2:
                         File Name: NewFile.html
HIML
ZDOCT YPEhtml>
Antin12
zitle Insert title here /title
</hcad>
chody>
Jormaction="NewFile.jsp"method="get">
     Name:<inputtype="text"name="uname">
     <inputtype="submit"value="click">
//form>
</body>
</html>
                          File Name: NewFile.jsp
JSP 1:

c%@pagelanguage="java"contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPEhtml>
<html>
<head>
<metacharset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
     <%
            String x=request.getParameter("uname");
            vino v=new vino();
            v.setName(x);
            HttpSession s=request.getSession(true);
            s.setAttribute("z",v);
```

```
ziormaction="NewFile1.jsp"method="ger">
                  Father Name: <inputtype="lext"name="fname",
                  <imputtype="submit"value="click">
        z/form>
Abody?
Mimi
                              File Name: NewFile1.jsp
<u>ISP 2:</u>
pagelanguage="java"contentType="text/html; charset=ISO-8859-1" (pagelanguage="ISO-8859-1")
pageEncoding="ISO-8859-1"%>
pageEncoding="ISO-8859-1"%>
pageimport="proThree.vino"%>

200 (Pageimport="proThree.vino"%)>
ZIDOCTYPEhtml>
<himi>
∠head>

</pre
ditle>Insert title here</title>
</head>
<body>
         <%
                   String x=request.getParameter("fname");
                   HttpSession s=request.getSession(false);
                   Object m=s.getAttribute("z");
                   vino v=(vino)m;
                   String y=v.getName();
                   out.println("Welcome Mr."+y+" "+x);
         0/0>
 </body>
 </html>
 CLASS:
                                         FileName: vino.java
 packageproThree;
 publicclass vino
         private String name;
         publicvoidsetName(String name)
                    this.name=name;
          public String getName()
```

```
returnname;
```

}

}

HTML:

JSP1:

Welcome Mr. Kannan Welcome Miss. Kalai selvi

```
WEB. XML:
version="1.0"encoding="UTF-8"?>
web-appxmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance "xmlns="http://xmlns.jcp.org/xml/ns/javaee"xsi:schemaLocation="http://xmlns.jcp.o
instanto grand/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-
app 1 0.xsd"id="WebApp ID"version="4.0">
display-name>proThree</display-name>
<welcome-file-list>
<welcome-file>index.html</welcome-file>
<welcome-file>index.jsp</welcome-file>
<welcome-file>index.htm</welcome-file>
<welcome-file>default.html</welcome-file>
<welcome-file>default.jsp</welcome-file>
<welcome-file>default.htm</welcome-file>
</welcome-file-list>
</web-app>
OUTPUT:
```

```
PROJECT 3:
                                 File Name: NewFile.html
HTML:
z!DOCTYPEhtml>
4html>
<head>
anetacharset="ISO-8859-1">
ditle>Insert title here</title>
</head>
<body>
<formaction="xyz">
        Name: <inputtype ="text"\underline{n} ="name"><br><br>
        City: \langle \text{inputtype} = "text" \underline{c} = "city" \rangle \langle b_f \rangle \langle b_f \rangle
        Country: <inputtype = "text" \underline{co} = "country" >< b_r >< b_r ><
        Register: <inputtype ="submit"value ="register here">
 </form>
 </body>
 </html>
 SERVLET 1:
                                  File Name: RAM.java
 importjava.io.IOException;
 importjava.io.PrintWriter;
 importjava.sql.Connection;
 importjava.sql.DriverManager;
 importjava.sql.PreparedStatement;
 importjavax.servlet.ServletException;
```

importjavax.servlet.annotation.WebServlet;

importjavax.servlet.http.HttpServletRequest; importjavax.servlet.http.HttpServletResponse;

importjavax.servlet.http.HttpServlet;

```
** sen let implementation class RAM
WebServlet ("/RAM")
WebSers MANNU extendsHttpServlet {
privatestaticfinallongserialVersionUID = 1L;
/**
* a See HutpServlet#HutpServlet()
*/
protectedvoiddoGet(HttpServletRequestrequest, HttpServletResponseresponse)
protects
throws Servlet Exception, IO Exception {
throwse.setContentType("text/html");

response setContentType("text/html");
response response get Writer();
print Writerout = response get Writer();
Print " = request.getParameter("n");

String n = request optParameter("n");
String c = request.getParameter("c");
String co = request.getParameter("co");
 try ( Class.forName("com.mysql.jdbc.Driver");
 Connection con =
 Online Manager.getConnection("jdbc:mysql://localhost:3306/vino", "root", "newitlab");
 preparedStatementps = con.prepareStatement("insert into saro value(?,?,?)");
 ps.setString(1,n);
 ps.setString(2,c);
 ps.setString(3,co);
 inti = ps.executeUpdate();
 if(i>0) {
 out.println("Update");
 else {
 out.println("No");
  catch(Exception e) {
  WEB. XML:
  <?xmlversion="1.0"encoding="UTF-8"?>
  <web-appxmlns:xsi="http://www.w3.org/2001/XMLSchema-</pre>
  instance"xmlns="http://xmlns.jcp.org/xml/ns/javaee"xsi:schemaLocation="http://xmlns.jcp.o
  rg/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-
  app 4 0.xsd"id="WebApp ID"version="4.0">
  <display-name>KAVIYA</display-name>
  <welcome-tile-list>
  <welcome-file>index.html</welcome-file>
```

index.jsp
index.htm
/welcome-file>
index.htm
/welcome-file>
default.html
/welcome-file>
default.jsp
/welcome-file>
default.htm
/welcome-file>
default.htm
/welcome-file>
default.htm
/welcome-file>
default.htm
/welcome-file>
/welcome-file>
s1
/servlet-name>
/welcome-file>
s1
/servlet-name>
/servlet-name>
/servlet-name>
/servlet-name>s1
/servlet-name>s1
/servlet-name>
/welcome-file>

/welcome-file>
/welcome-file>
/welcome-file>

/welcome-file>
/welcome-file>
/welcome-file>

/welcome-file>

/servlet-name>
/welcome-file>

//welcome-file>

//

OUTPUT:

HTML:

update



## Department of Information Technology

12. Test Report

Value Added Course

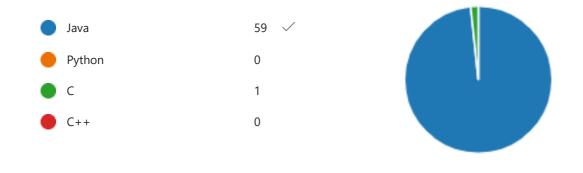
on

Web Application Development using JSP and Web Services

## Web Application Development using JSP and Web Services

19:20 76.1 60 Active Average time to Average Score Responses Status complete

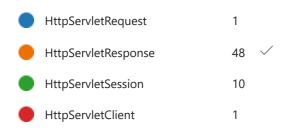
1. Servlet based on which Language? (4 points) 98% of respondents (59 of 60) answered this question correctly.

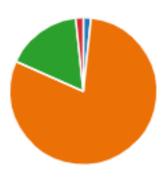


2. Servlet has a Main method. (4 points) 60% of respondents (36 of 60) answered this question correctly.



3. The variable "response" is created from \_\_\_\_\_ (4 points) 80% of respondents (48 of 60) answered this question correctly.





4. doGet, doPost are\_\_\_\_\_ (4 points) 47% of respondents (28 of 60) answered this question correctly.

Main Methods	7	
Class Methods	19	
Http Methods	28	<b>✓</b>
Java Methods	6	

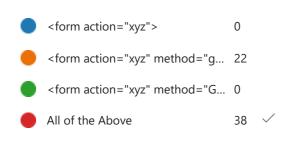


5. <input type="text"> creates what? (4 points) 90% of respondents (54 of 60) answered this question correctly.





6. Pick the correct one. (4 points) 63% of respondents (38 of 60) answered this question correctly.



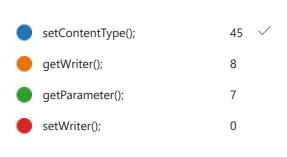


7. How a servlet and html form connected? (4 points) 93% of respondents (56 of 60) answered this question correctly.



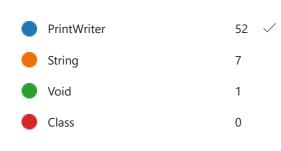


8. Which method is used to make the response type? (4 points) 75% of respondents (45 of 60) answered this question correctly.





9. What is the return type for getWriter()? (4 points) 87% of respondents (52 of 60) answered this question correctly.



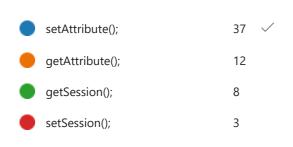


10. What is the return type for getParameter()? (4 points) 87% of respondents (52 of 60) answered this question correctly.



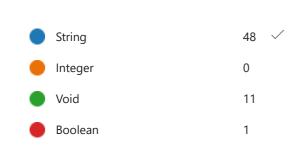


11. Which method is used to bundle a data?\* (4 points) 62% of respondents (37 of 60) answered this question correctly.



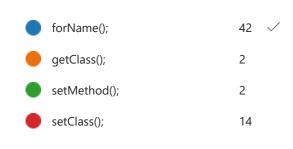


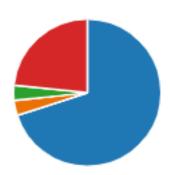
12. What is the return type for getName()? (4 points) 80% of respondents (48 of 60) answered this question correctly.





13. Which method is used for class registration?\* (4 points) 70% of respondents (42 of 60) answered this question correctly.





14. Pick the correct one. (4 points) 68% of respondents (41 of 60) answered this question correctly.





#### 15. Which query is correct? (4 points)

65% of respondents (39 of 60) answered this question correctly.

- insert table tablename(Name) v... 39 V
- select \* insert from tablename;
- create from database:
- create tablename; 13



#### 16. Syntax to create database. (4 points)

75% of respondents (45 of 60) answered this question correctly.

- use databasename;
- use databasename.tablename;
- create database.databasename; 7
- create database databasename; 45 <



### 17. What is the return type for excecuteQuery()? (4 points)

85% of respondents (51 of 60) answered this question correctly.

- ResultSet 51 🗸 String
  - PrintWriter
- Statement



#### 18. What is the use of truncate? (4 points)

73% of respondents (44 of 60) answered this question correctly.

- Clears Data in Table 44 🗸
- Clears the data which is update... 3
- Deletes the Table
- Deletes the Database 6



#### 19. What is the abbreviation for DD? (4 points)

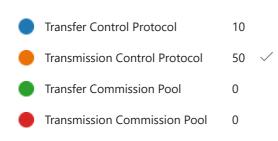
95% of respondents (57 of 60) answered this question correctly.





#### 20. What is the abbreviation for TCP? (4 points)

83% of respondents (50 of 60) answered this question correctly.





#### 21. Browser is also called as\_\_\_\_\_ (4 points)

70% of respondents (42 of 60) answered this question correctly.





#### 22. Which of the following passes request? (4 points)

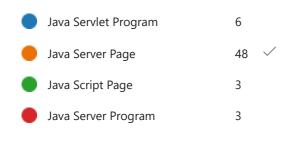
60% of respondents (36 of 60) answered this question correctly.





#### 23. What is JSP? (4 points)

80% of respondents (48 of 60) answered this question correctly.





#### 24. Which of the following is Scriplet tag? (4 points) 98% of respondents (59 of 60) answered this question correctly.





#### 25. Statement is the return type for which Method? (4 points) 58% of respondents (35 of 60) answered this question correctly.







S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

## **Department of Information Technology**

## 13 . Assessment Rubrics and **Mark Statement**

Value Added Course

on

Web Application Development using JSP and Web Services



S.P.G.Chidambara Nadar - C.Nagammal Campus S.P.G.Chidambara Nadar - C.Nagammal Campus S.P.G.C. Nagar, K.Vellakulam *-* 825 701 (Near VIRUDHUNAGAR).

## DEPARTMENT OF INFORMATION TECHNOLOGY

### Value Added Course

## Web Application Development using JSP and Web Services

[05.01.2023 - 10.01.2023]

### Mark Statement

Department : Information Technology

Regulation : R 2021

Year

: II

				Semester	: I'	V		
S/. No	Roll Number	Register Number	Name	Proje Repo [75]	rt   1VI	CQs 25]	Tot [10	1
1	21UIT001	920421205045	SRIATHESH S		AB	SENT		
2	21UIT002	920421205058	VISHNU DEEPAN P	75		23	ç	98
3	21UIT003	920421205054	VIGNESH V K	75	5	18		93
4	21UIT004	920421205050	SURIYA RAM S	7	5	18		93
5	21UIT005	920421205055	VINODHAN M	7	5	24		99
6	21UIT006	920421205029	NARESHAN R		75	18		93
7	21UIT007	920421205044	SIVASAKTHI S		64	18		82
8	21UIT008	920421205046	SUBASHINI K		75	15		90
9	21UIT009	920421205026	MATHUMITHA V		64	21		85
10	21UIT010	920421205018	KALAISELVI K		64	20	)	84
11	21UIT011	920421205060	YAZHINI D S		75	15	5	90
12	21UIT012	920421205014	GOMATHY B		75	2	4	99
13	21UIT013	920421205036	RAMYAA SHRI K		75	1	5	9(
								1

	Roll Number	Register Number	Name	Project Report [75]	MCQs [25]	Total [100]
	4 211/11/01	4 920421205049	SUDHARSANA I	75	21	96
1.	5 21UTT01	5 920421205033	PREM KUMAR M	75	18	
16	5 21UIT016	920421205035	RAJESH R M	68	13	93
17	211/1701	920421205053	VEERA BALAGAN K	75	21	81
18	21UIT018	920421205009	CHARANYA D	75		96
19	211/17019	920421205023	KAVIYA S	75	23	98
20	21UIT020	920421205020	KARTHIKA DEVI S R		22	97
21	21UIT021	920421205052	TEJASH DHAKSHIN S	75	18	93
22	21UIT022	920421205047	SUBATHIRA KUMARI M	75	23	98
23	21UIT023	920421205038	SANDEEP JOE A	75	11	86
24	21UIT024	920421205043	SIVAMUTHILNADAY	75	20	95
25	21UIT025	920421205041	A HOGANESH A	75	21	96
26	21UIT026	920421205025	SHOBA SRI M	75	21	96
27	21UIT027	920421205028	MAGASAKTHI S	75	16	
28	21UIT028	920421205040	MEGHA A M	75		91
29	21UIT029		SHARMILA DEVI G		23	98
30	21UIT030	920421205003	AKILA K	75	19	94
1	21UIT031	920421205013	GANESH KUMAR M	75	21	96
2	21UIT032	920421205011	DHARUN S	75	19	94
	511032	920421205048	SUBEGA BANU S	75	21	96
			S DANUS	75	21	

S/. No	Roll Number	Register Number	Name	Project Report [75]	MCQs [25]	Total [100]
14	21UIT014	920421205049	SUDHARSANA I	75	21	96
15	21UIT015	920421205033	PREM KUMAR M	75	18	93
16	21UIT016	920421205035	RAJESH R M	68	13	81
17	21UIT017	920421205053	VEERA BALAGAN K	75	21	96
18	21UIT018	920421205009	CHARANYA D	75	23	98
19	21UIT019	920421205023	KAVIYA S	75	22	97
20	21UIT020	920421205020	KARTHIKA DEVI S R	75	18	93
21	21UIT021	920421205052	TEJASH DHAKSHIN S	75	23	98
22	21UIT022	920421205047	SUBATHIRA KUMARI M	75	11	86
23	21UIT023	920421205038	SANDEEP JOE A	75	20	95
24	21UIT024	920421205043	SIVAMUTHU NARAYANA SABARIGANESH A	75	21	96
25	21UIT025	920421205041	SHOBA SRI M	75	21	96
26	21UIT026	920421205025	MAGASAKTHI S	75	16	91
27	21UIT027	920421205028	MEGHA A M	75	23	98
28	21UIT028	920421205040	SHARMILA DEVI G	75	19	94
29	21UIT029	920421205003	AKILA K	75	21	96
30	21UIT030	920421205013	GANESH KUMAR M	75	19	94
31	21UIT031	920421205011	DHARUN S	75	21	96
32	21UIT032	920421205048	SUBEGA BANU S	75	21	96

,

5/. No	Roll Number	Register Number	Name	Project Report [75]	MCQs [25]	Total [100]	
	21UIT033	920421205017	KABILESH K	75	23	98	
33	21UIT034	920421205039	SENTHIL KUMAR T B	75	20	95	
34 35	21UIT035	920421205034	PRIYADHARSHINI A	75	21	96	
_	21UIT036	920421205056	VISALI MANIPIRYA V	64	21	85	
36 	21UIT037	920421205030	NIKITHA B	75	19	94	
37	21UIT038	920421205027	MEENAKSHI S	75	19	94	
38	21UIT039	920421205001	AARTHILEKHA A	75	20	95	
39 —	21UIT040	920421205059	VISHNU PRIYA G	75	20	95	
40		920421205042	SIBI SIDDHARTHAN S	75	22	97	
41	21UIT041	920421205015	HEMA MALINI R		ABSENT		
42	21UIT042		KALPANA CHARULA S	64	21	85	
43	21UIT043	920421205019	KAVIYA G	75	21	96	
44	21UIT044		ABISHEK RAJ S	68	12	80	
45	21UIT045		JOE SELVA RAKSHAN P		ABSEN	T	
46	21UIT046		EASKKITHAI @ SUMATHI	68	20	88	
47	21UIT047		M	75	22	97	
48	21UIT048			75	16	91	
49	21UIT049		TOTAL A S	75	16	91	
50	21UIT050	920421205010		68	22	90	
51	21UIT05	1 920421205006	BABY S				

		S/. No	Re Num			ister aber	Name	Projec Report [75]		Tota [100]	
		52	21017	052	9204212	205022	KAVIYA M	75	19	94	
		53	21UIT	053	9204212	05005	ASWATHI G	75	23	98	
		54 2	IUIT0	54	92042120	05024	KISHORE M	75	15	90	
	5	55 21	UIT05	55 9	2042120	5004	ARTHI M	68	21	89	
	50	5 211	UIT05	5 92	20421205	5031	PRAVEEN KUMAR M	ABSENT			
	57	210	IT057	92	0421205	007	BALA CHIBI HARIESH B		ABSENT		
	58	21U	T058	920	04212050	032	PRAVEEN L	75	9	84	
	59	21UI	Γ059	9204	4212050:	37   N	SAAMIR GAFFUR MOHAMMED YAKUB HAH	75	21	96	
		21UIT	060	9204	2120505	1 S	WATHEESWARI G	75	20	95	
61	2	21UIT(	061	92042	21205303	3 M	UTHURAM M	75	23	98	
52	2	1UIT0	52 9	2042	1205304	RU	BAN REYEASH S	75	8	83	
3,	21	UIT06	3 92	20421	205301	ASI	HISH J	68	12		
	210	JIT064	920	04212	205302	ВН	JVAN MUTHU V			80	
	21U	IT065	920	4212	05305			68	13	81	
				.212	05505	SAR	AVANAKUMAR P	75	22	97	

Pords VAC Coordinator

HoD/IT

Dean (Academic Courses)



S.P.G.Chidambara Nadar - C.Nagammal Campus S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

## **Department of Information Technology**

15. Feedback Form

Value Added Course

on

Web Application Development using JSP and Web Services

# Day 1 Feedback - VAC on "Web Application Development Using JSP and Web Services"

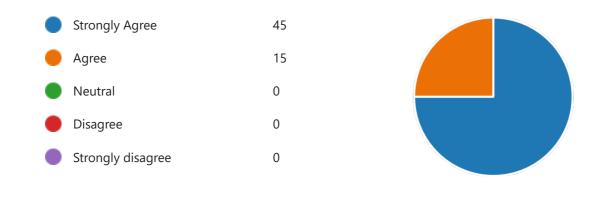
Resource Person: Mr. V. D. Sabareeswaran, Trainer, Silicon Software Service							
Date: 05.01.2023							
* Required							
* This form will record your name, please fill your name.							
1. The objective of the day 1 value added course was met. *							
Strongly Agree							
Agree							
Neutral							
Disagree							
Strongly disagree							
2. The program sequence was well planned. *							
Strongly Agree							
Agree							
Neutral							
Disagree							
Strongly disagree							

3.	The	lectures were clear and easy to understand. *
	$\bigcirc$	Strongly Agree
	$\bigcirc$	Agree
	$\bigcirc$	Neutral
	$\bigcirc$	Disagree
	$\bigcirc$	Strongly disagree
4.	The	instructors encouraged the interaction. *
	$\bigcirc$	Strongly Agree
	$\bigcirc$	Agree
	$\bigcirc$	Neutral
	$\bigcirc$	Disagree
	$\bigcirc$	Strongly disagree
5.	The	information presented in this VAC was highly beneficial. *
	$\bigcirc$	Strongly Agree
	$\bigcirc$	Agree
	$\bigcirc$	Neutral
	$\bigcirc$	Disagree
	$\bigcirc$	Strongly disagree
6.	Well	organized VAC course. *
	$\bigcirc$	Strongly Agree
	$\bigcirc$	Agree
	$\bigcirc$	Neutral
	$\bigcirc$	Disagree
	$\bigcirc$	Strongly disagree
7.	Ove	rall Rating *

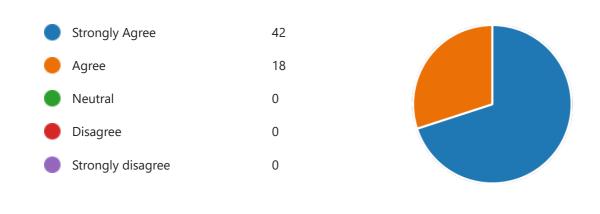
# Day 1 Feedback - VAC on "Web Application Development Using JSP and Web Services"



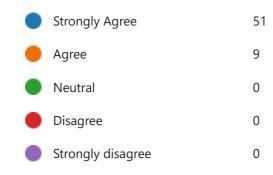
1. The objective of the day 1 value added course was met.

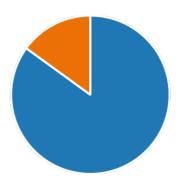


2. The program sequence was well planned.

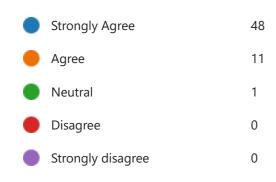


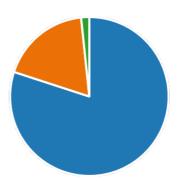
3. The lectures were clear and easy to understand.





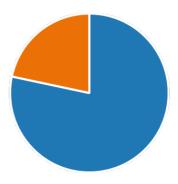
4. The instructors encouraged the interaction.



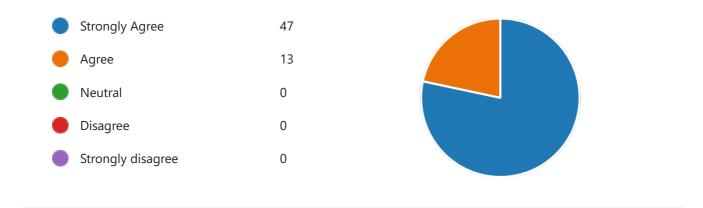


5. The information presented in this VAC was highly beneficial.

Strongly Agree	47
Agree	13
Neutral	0
Disagree	0
Strongly disagree	0

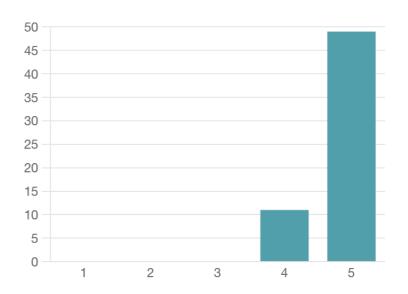


### 6. Well organized VAC course.



### 7. Overall Rating

4.82 Average Rating



#### 8. Any comments?

60 Responses Latest Responses

"Good listener."

"I learning some..this class"

"All is very Good"

#### ☼ Update

13 respondents (23%) answered good for this question.

new with clearness course is very usefull

gone effectively useful systems resources teaching value useful to my placements

Nice class course is

Course Course w

new learned me
session
lecture is good useful for our

understand to the topics

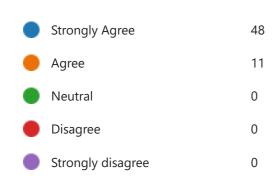
# Day 2 Feedback - VAC on "Web Application Development Using JSP and Web Services"

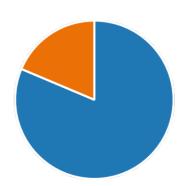
59 Responses 00:40

Average time to complete

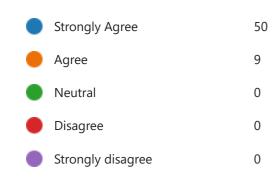
Active Status

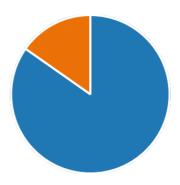
1. The objective of the day 2 value added course was met.



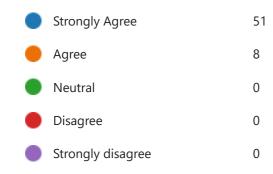


2. The program sequence was well planned.



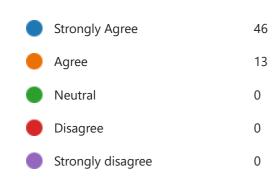


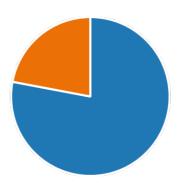
3. The lectures were clear and easy to understand.



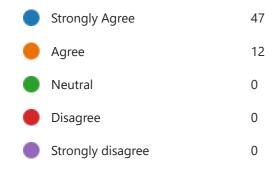


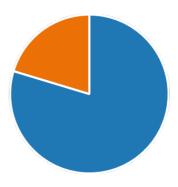
4. The instructors encouraged the interaction.



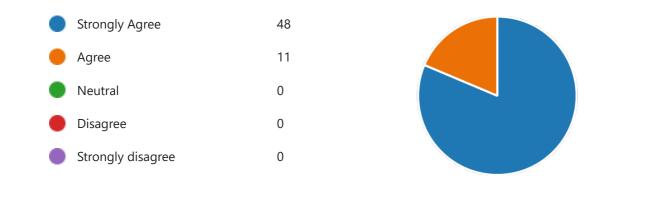


5. The information presented in this VAC was highly beneficial.



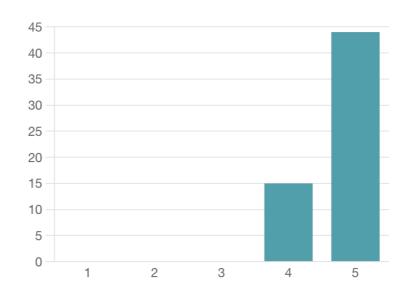


### 6. Well organized VAC course.



### 7. Overall Rating

4.75 Average Rating



### 8. Any comments?

59 Responses Latest Responses "Good" "lecture was good " "Good Teaching."

#### ひ Update

**16** respondents (**28**%) answered **Good** for this question.

useful for placement

**Useful classes** 

value

system facilities **Good Teaching facilities** 

connectivity and facilities

good connectivity course

Useful Good

knowledge

softwar

serv

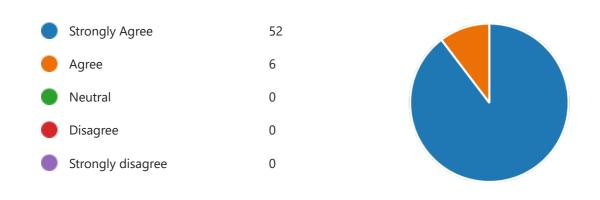
**Nice** CC

better Nice

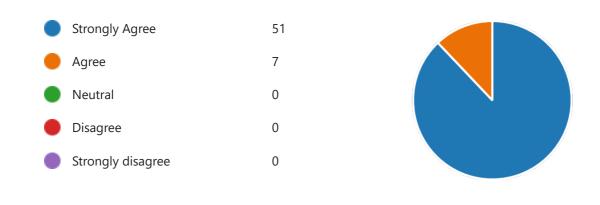
# Day 3 Feedback - VAC on "Web Application Development Using JSP and Web Services"

58 00:38 Active
Responses Average time to complete Status

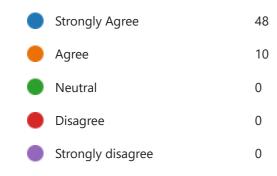
1. The objective of the day 3 value added course was met.

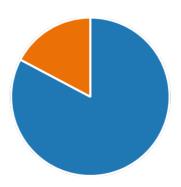


2. The program sequence was well planned.

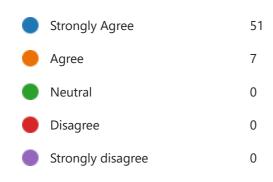


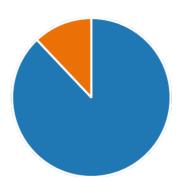
3. The lectures were clear and easy to understand.





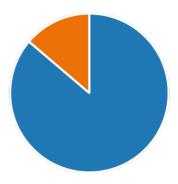
4. The instructors encouraged the interaction.



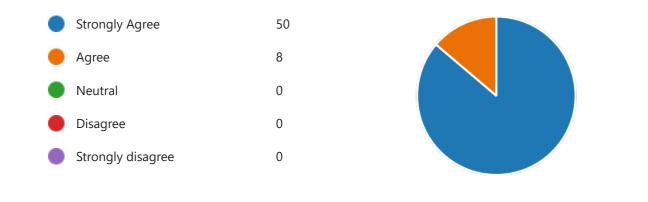


5. The information presented in this VAC was highly beneficial.

Strongly Agree	50
Agree	8
Neutral	0
Disagree	0
Strongly disagree	0

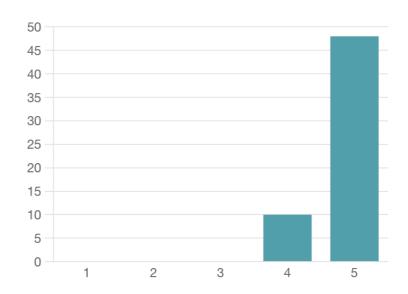


### 6. Well organized VAC course.



### 7. Overall Rating

4.83
Average Rating



#### 8. Any comments?

57 Responses

Latest Responses "class was very helpful" "nil--" "Nothing"

helpfull

**16** respondents (**28**%) answered **Good** for this question.

session was very useful web application application and the tea class was very helpful clear day class interesting GOOd useful Nice experience **Good Teaching Learn about JSP** course class is good 3rd day learned system resources

https://forms.office.com/Pages/DesignPageV2.aspx?prevorigin=O...gVC23ZjRDJUQIIGTEZFSVhKTDVYR01WNDNHT08zTII0Vy4u&analysis=true

# Day 4 Feedback - VAC on "Web Application Development Using JSP and Web Services"

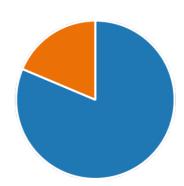
59 Responses 00:33

Average time to complete

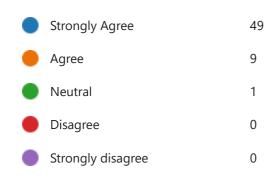
Active Status

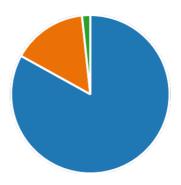
1. The objective of the day 4 value added course was met.



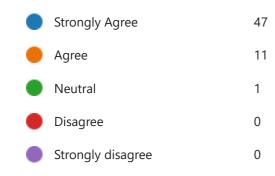


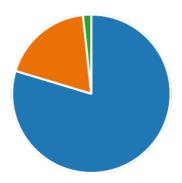
2. The program sequence was well planned.



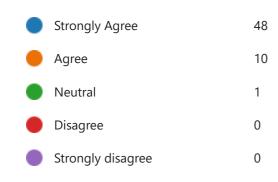


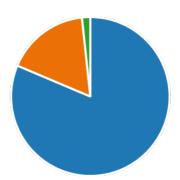
3. The lectures were clear and easy to understand.





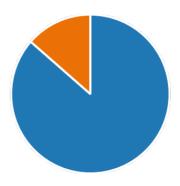
4. The instructors encouraged the interaction.



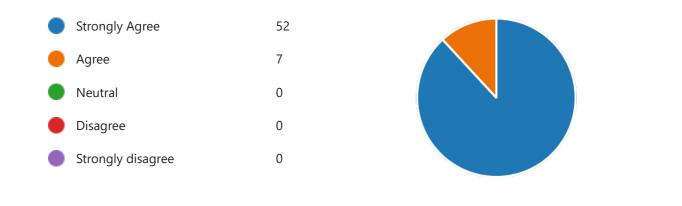


5. The information presented in this VAC was highly beneficial.

	Strongly Agree	51
•	Agree	8
•	Neutral	0
•	Disagree	0
•	Strongly disagree	0

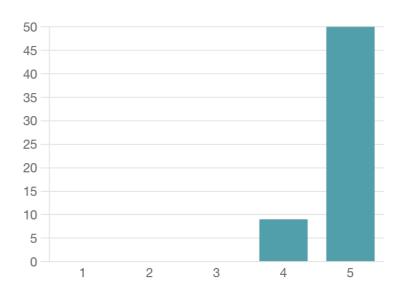


### 6. Well organized VAC course.



### 7. Overall Rating

4.85
Average Rating



### 8. Any comments?

58 Responses Latest Responses
"lecture was nice"
"Nice teaching"
"Very well"

**14** respondents (**24**%) answered **Good** for this question.

free value
course Good Teaching
Clearly explained Nice
lecture was nice easy
Today class

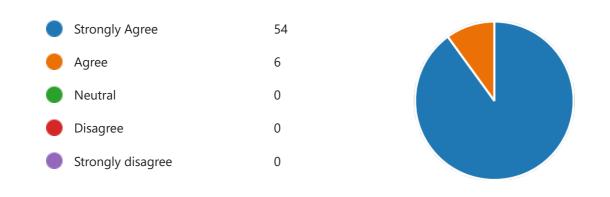
Good faculty
Session w
useful class
Nil Super
Nice teaching mysql bit

Microsoft Forms 11/01/23, 4:00 PM

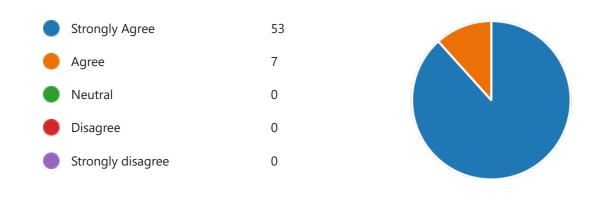
# Day 5 Feedback - VAC on "Web Application Development Using JSP and Web Services"



1. The objective of the day 5 value added course was met.

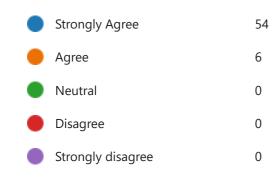


2. The program sequence was well planned.



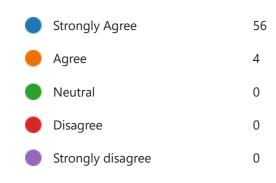
Microsoft Forms 11/01/23, 4:00 PM

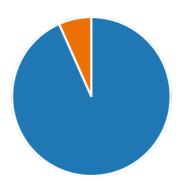
3. The lectures were clear and easy to understand.





4. The instructors encouraged the interaction.





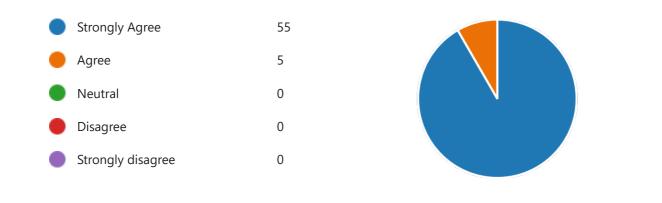
5. The information presented in this VAC was highly beneficial.

	Strongly Agree	56
	Agree	4
•	Neutral	0
•	Disagree	0
	Strongly disagree	0



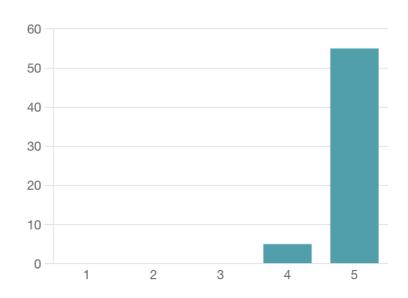
Microsoft Forms 11/01/23, 4:00 PM

### 6. Well organized VAC course.



### 7. Overall Rating

4.92
Average Rating



Microsoft Forms 11/01/23, 4:00 PM

8. Any comments?

59 Responses Latest Responses "Good" "Course is useful" "very nice"

ひ Update

**8** respondents (**14**%) answered **useful** for this question.

days course

teaching method course is useful

useful for pla

**Best experience Nice experience** days session

course useful session,

**Good Teaching** database sql session was usefuluseful session course teaching was very nice mcq test session is Very veryy



### **Department of Information Technology**

17 . Programme Summary / Report

**Value Added Course** 

on

Web Application Development using JSP and Web Services



## Programme Summary Report

### Value Added Course

## "Web Application Development Using JSP and Web Services"

## pay 1: (05/01/2023)

- An introduction to Web Application Development.
- Understood installation and working process about Eclipse.
- Instructor taught the connection between Servlet and HTML.
- Hands-on-Training to develop a project in Eclipse.

## pay 2: (06/01/2020)

- Familiarized with the concepts of HTML.
- Recollected the concept of Encapsulation.
- Instructor taught the connection between two Servlets, Class and HTML.
- Hands-on-Training to analyze the methods applicable.

### Day 3: (07/01/2023)

- Standard Information about JSP is given.
- Steps involved in the connection between JSP and HTML is clearly explained.
- Students were instructed to complete a mini project on their own.
- Emphasized about a technology growth and the companies' recruitment process.

### Day 4: (09/01/2023)

- Discussed about the concept of MYSQL JDBC driver.
- Instructor taught the connection between code and database.
- Better understanding about the several steps involved in execution of the project.
  - 1. Class Registration
  - 2. Connection
  - 3. Statement creation
  - 4. Execution
- Understood about the pathways involved in installation of MYSQL.

### Day 5: (10/01/2023)

- Overviewed about the sessions taught on the past four days. Students developed the projects based on the sessions taught of past four days.
- Conducted MCQ assessment to test the knowledge.
- Oral Feedback was given by the students.

Derdon 19/01/23



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## **Department of Information Technology**

18. Students Oral Feedback (Recorded Video)

Value Added Course

on

Web Application Development using JSP and Web Services

Available in One Drive Folder



S.P.G.C. Nagar, K.Vellakulam — 625 701 (Near VIRUDHUNAGAR).

### Department of Information Technology

19. VAC - Short Video

Value Added Course

on

Web Application Development using JSP and Web Services

Available in One Drive Folder