



(An Autonomous Institution) - AFFILIATED TO ANNA UNIVERSITY, CHENNAI
S.P.G. Chidambara Nadar - C. Nagammal Campus
S.P.G.C. Nagar, K. Vellakulam - 626 701 (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

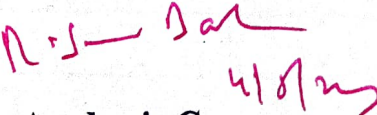

HoD/IT

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 : 2
6. Category : Theory / Lab / Hands-on / Skill Based
7. Details of the Joint Organization : Silicon Software Services
8. Resource Person Details : Mr. V. D. Sabareeswaran,
Trainer,
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


VAC Coordinator


HoD / IT


Dean Academic Course

Department of Information Technology

Checklist for File Contents

Value Added Course

Web Application Development using JSP and Web Services

S. No.	Items	Available [Yes / No]
1	Institution Approval Copy	Yes
2	Circular	Yes
3	Syllabus Copy with Course Outcomes	Yes
4	BoS Approval	No
5	Three Member Committee MoM	Yes
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
11	Evaluated Answer Script	Yes
12	Test Report	Yes
13	Mark Statement	Yes
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

Web Application Development using JSP and Web Services

KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY

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

Date 19/12/2022

Approval for Value Added course - reg.

The following value Added course has been planned and recommended for II year IT students.

VAC - web Application - JSP with Database connectivity

Number of students = 65

Fee per student = 1,800/-

Total Amount = $65 \times 1,800 = \text{RS. } 1,17,000/-$

Number of days = 5 days - 05/12/2022 to 10/12/2022

Trainers accommodation with food


Signature of Faculty


HOD


PRINCIPAL

OFFICE USE

1) Budget allotted

: Value Added Course

2) Amount committed / Spent so far

:

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

Sl.	Description	Student Count	Days	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
3.	CGST @9%	60	5	129.66	7779.6
	Total				102000

In words: - One Lakh Two Thousand only.

*(Cheque is to be issued in the name of "Silicon Software Services")

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., (IIT-K)
Founder

www.siliconsoftwareservices.com
+91-9566776109



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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

Web Application Development using JSP and Web Services



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Department of Information Technology

3. Syllabus Copy

Value Added Course

on

Web Application Development using JSP and Web Services

To

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

Web Application Development using JSP and Web Services

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

DEPARTMENT 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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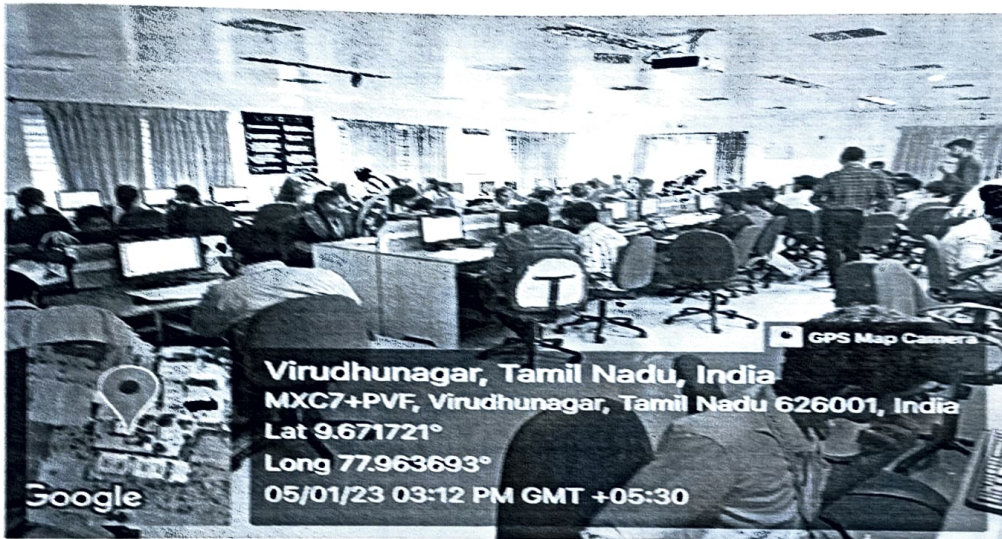
Department of Information Technology

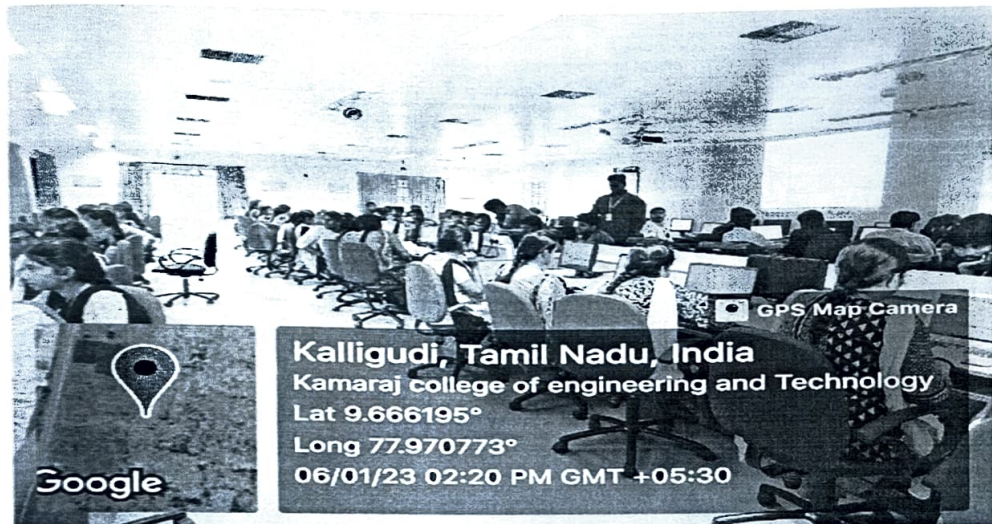
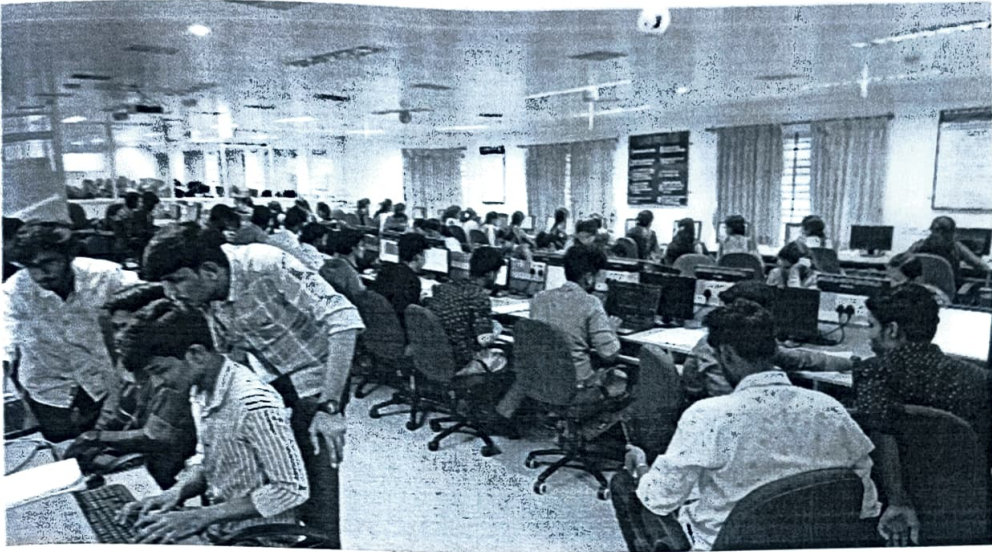
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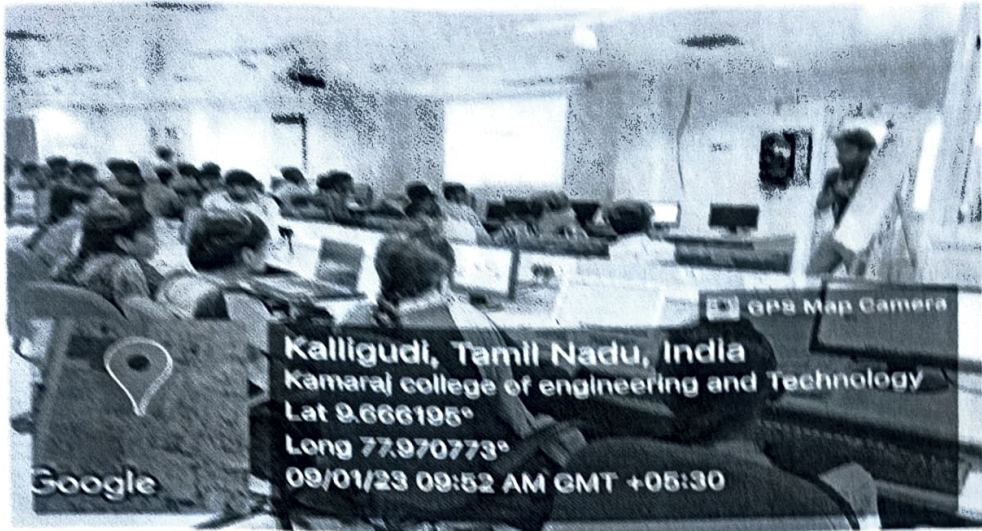
Value Added Course

on

Web Application Development using JSP and Web Services



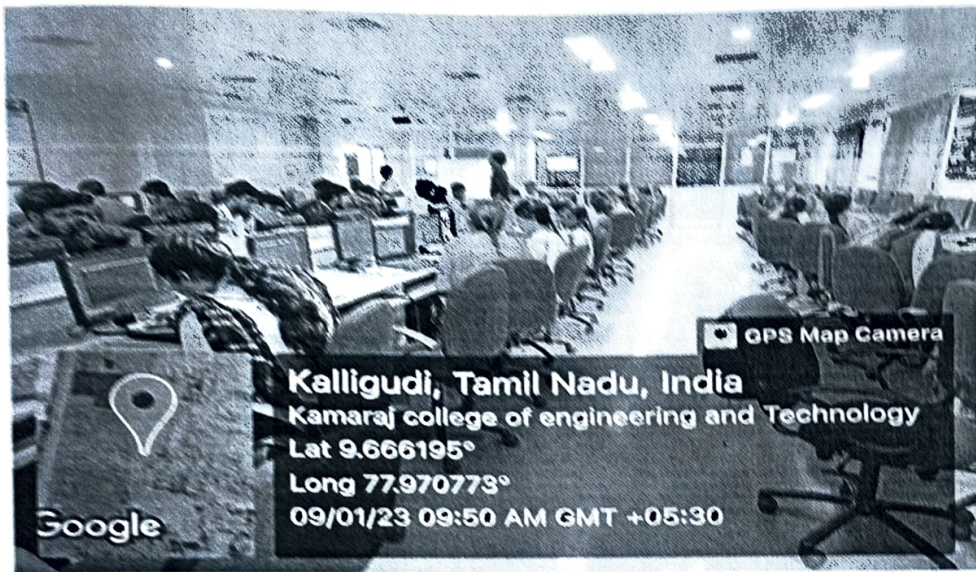




Google

GPS Map Camera

Kalligudi, Tamil Nadu, India
Kamaraj college of engineering and Technology
Lat 9.666195°
Long 77.970773°
09/01/23 09:52 AM GMT +05:30

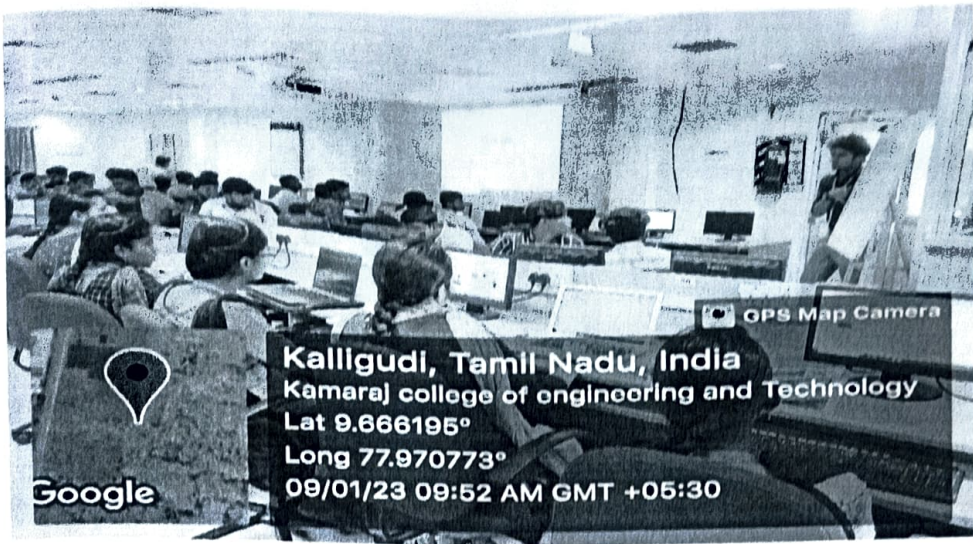


Google

GPS Map Camera

Kalligudi, Tamil Nadu, India
Kamaraj college of engineering and Technology
Lat 9.666195°
Long 77.970773°
09/01/23 09:50 AM GMT +05:30







Chittoor, Tamil Nadu, India

MXF7+9XG, Chittoor, Tamil Nadu 625701, India

Lat 9.673493 N

Long 77.965008 E

10/01/23 11:44 AM GMT +05:30



Tennamanallur, Tamil Nadu, India

MXF7+6V6, Tennamanallur, Tamil Nadu 625701, India

Lat 9.672887°

Long 77.964306°

10/01/23 03:58 PM GMT +05:30



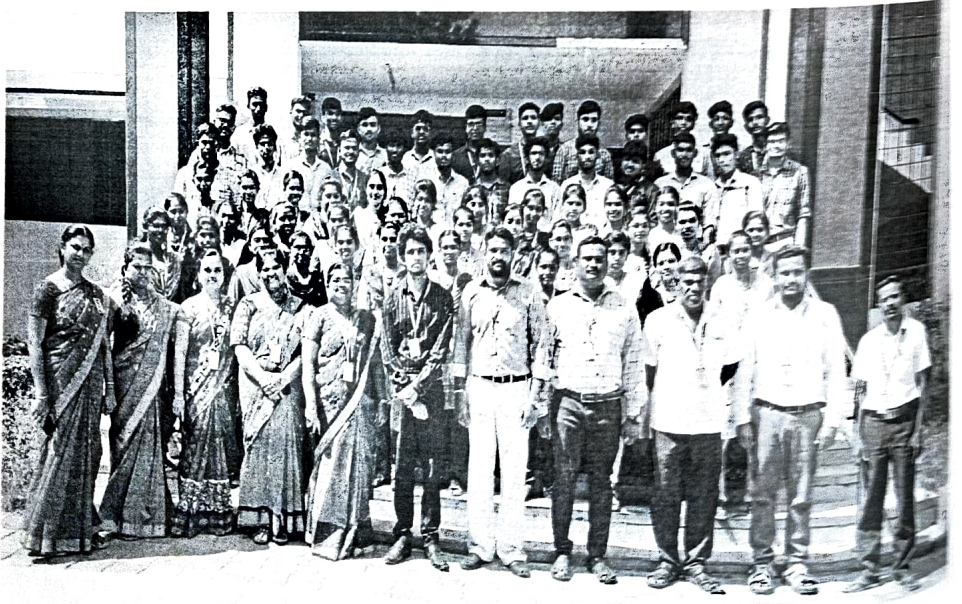
Chittoor, Tamil Nadu, India

MXC7+WVM, Chittoor, Tamil Nadu 625701, India

Lat 9.672244°

Long 77.964471°

10/01/23 03:59 PM GMT +05:30





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Department of Information Technology

1. Certificates of All Participants

Value Added Course

on

Web Application Development using JSP and Web Services



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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.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
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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. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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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 **05-01-2023** to **10-01-2023** in association with the
Department of Information Technology
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Assessment Marks:93.....

F. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify that**VINOODHAN 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:**99**.....

A. Vasanthakumari

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify that**NARESHAN R**.....of **II Year IT**
has successfully completed the **Value Added Course on**
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from **05-01-2023 to 10-01-2023** in association with the

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

E. Vasanthakumari

Dr.E.Vasanthakumari

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

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Certificate of Excellence

This is to certify that**SIYASAKTHI**.....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:**82**.....

E. N. N. N.

Dr.E. Vakaimalar

HOD/IT

S. S.

Dr.S.Senthil

PRINCIPAL

R. S.

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify that**SUBASHINI K**.....of **II Year IT**
has successfully completed the Value Added Course on
“ **WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES** ”
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Kamaraj College of Engineering and Technology (Autonomous)
Assessment Marks:**90**.....

E. Nataraj

Dr.E.Vakaimalar

HOD/IT

S. Senthil

Dr.S.Senthil

PRINCIPAL

R. Rajendran

Mr.Rajendran Subramanian

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

Certificate of Excellence

This is to certify that**MATHUMITHA**.....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

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Kamaraj College of Engineering and Technology (Autonomous)

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

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify thatKALAI SELVI.....of II Year IT
has successfully completed the Value Added Course on

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Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks:84.....

P. Natarajam

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify that**YAZHINI P.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:90.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify that**SRIMATHY B**.....of **II Year IT**
has successfully completed the Value Added Course on
“ **WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES** ”
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Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

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

E. Vasuamalar

Dr.E.Vasuamalar

HOD/IT

Dr.S.Senthil

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
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Certificate of Excellence

This is to certify that**R.AMYAA S.H.R.T. K.**.....of **II Year IT**
has successfully completed the Value Added Course on
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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. Vokamalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
software services



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

Certificate of Excellence

This is to certify that**SUDHARSHANA.T**.....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.....

F. Vasanthakumari

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
software services



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S.P.G. Chidambara Nedar - C. Nagammal Campus
S.P.G.C. Nagar, K.Velakulam - 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 **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. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
software services



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

Certificate of Excellence

This is to certify that**R.ATESH. 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. Vakkaimalar

Dr.E.Vakkaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
software services



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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:96.....

E. Vasumalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
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Certificate of Excellence

This is to certify that**CHARANYA 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**.....

E. Natarajamalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
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Certificate of Excellence

This is to certify that**K.AVIYA.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.....

E. Manimala

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify that**K.A.R.T.H.I.K.A.....D.E.V.I.....& R.....**.....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. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

S.S.S

Dr.S.Senthil

PRINCIPAL

R. Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
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S.P.G. Chidambara Nader - C Nagarajai Campus
S.P.G.C. Nagar, K.Velakulam - 625 701 (Near VIRUDHUNAGAR).

Certificate of Excellence

This is to certify that**TEJASH DHAKSHIN 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:**98**.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

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**.....

E. Vasanthakumari

Dr.E.Vakaimalar

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

R. Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify that**SANDEEP TOE 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. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify that **SIVAMUTHU NARAYANA SABARI GANESH 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:**96**.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

Mr. Rajendran Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify that**SHOBA SRI 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. Vasuvinakar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
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Certificate of Excellence

This is to certify thatMAGASAKTHI.....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:91.....

F. Vasanthakumari

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
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Certificate of Excellence

This is to certify thatMEGHA A 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:98.....

E. Vekaramalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify that**SHARMINA DEVI**.....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**.....

E. Vakkasindal

Dr.E.Vakkaimalar

HOD/IT

Dr.S.Senthil

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify thatAKRIFA.....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:96.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Dr.S.Senthil

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

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:**94**.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

Mr. Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify that**DHARUN 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:**96**.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

R. Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
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Certificate of Excellence

This is to certify that**SUBBEGA BANU 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:**96**.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Dr.S.Senthil

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
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Certificate of Excellence

This is to certify that**KARILESH 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:**98**.....

Dr. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Dr.S.Senthil

Dr.S.Senthil

PRINCIPAL

Mr.Rajendran Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
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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.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify that**PRIYADHARSHINI 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:**96**.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

R. Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify that**VISALI.....MANTIPRIYA 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:**85**.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

Mr. Rajendran Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify that**NIKITHA 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:**94**.....

E. Vasanthakumari

Dr.E.Vasanthakumari

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

Mr. Rajendran Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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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**.....

E. Valsamivel

Dr.E.Vakaimalar

HOD/IT

SSTJ

Dr.S.Senthil

PRINCIPAL

Rini

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
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S.P.G.C. Nagar, K. Velakulam - 625 701 (Near VIRUDHUNAGARI).

Certificate of Excellence

This is to certify that**AARTHILEKHA**.....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. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
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S.P.G.Chidambaram Nader - C.Nagamalai Campus

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

Certificate of Excellence

This is to certify that**VISHNU PRIYA**.....**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.....

R. Vasanthakumari

Dr.E.Vakaimalar

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

Mr. Rajendran Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
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S.P.G.C. Chidambaram Nader - C.Nagammal Campus

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

Certificate of Excellence

This is to certify that**S.T.B.I.....S.T.D.DHARATHAN.....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**.....

K. Vasanthidevi

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
software services



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

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**.....

E. Vasanthidevi

Dr.E.Vasanthidevi

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

R. Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
software services



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



Certificate of Excellence

This is to certify that**KAVIYA 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. Vasanthidevi

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify that**ABIR,HEK, RAT** &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:**80**.....

E. Vekaramani

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify that**EASAKKITHAI @ SUMATHI 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:**88**.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify that**BALAJI A.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.....

E.Vakaimalar

Dr.E.Vakaimalar

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

R.rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify that**VISHAL 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:91.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify that**CHRISTIKA 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
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Assessment Marks:91.....

E. Vasanthakumari

Dr.E.Vasanthakumari

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

R.Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify that**BABY 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:**90**.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify that**KAVIYA**.....**M1**.....**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.....

E. Vasumalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rink

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify that**ASWATHI. 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
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Assessment Marks:**98**.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

R.rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify that**K.T.S.HORE**.....**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:**90**.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify that**ARTH M**.....of **II Year IT**
has successfully completed the Value Added Course on
“ **WEB APPLICATION DEVELOPMENT USING JSP AND WEB SERVICES** ”
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Department of Information Technology

Kamaraj College of Engineering and Technology (Autonomous)

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

E. Vakkamalar

Dr.E. Vakkaimalar

HOD/IT

S. Senthil

Dr.S.Senthil

PRINCIPAL

R. Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify that**PRAVEEN L**.....of **II Year IT**
has successfully completed the Value Added Course on
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Department of Information Technology
Kamaraj College of Engineering and Technology (Autonomous)
Assessment Marks:84.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify that **.S.AAMIR...G.AFFEUR...MOHAMMED...YAKUB...&SHAH.....** of II Year IT
has successfully completed the Value Added Course on
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Assessment Marks:**96**.....

e.Vakaimalar

Dr.E.Vakaimalar

HOD/IT

S.S.S

Dr.S.Senthil

PRINCIPAL

R. Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

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

has successfully completed the Value Added Course on

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Department of Information Technology

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

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

Mr. Rajendran Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify that**MUTHURAM 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:98.....

E. Vakaimalar

Dr.E.Vakaimalar

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

Mr. Rajendran Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify that**ROBAN REYASH 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

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Kamaraj College of Engineering and Technology (Autonomous)

Assessment Marks:83.....

E. Nekkumalar

Dr.E.Vakkaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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

Certificate of Excellence

This is to certify that**ASHISH J**.....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:**80**.....

E. Vakkaimalar

Dr.E.Vakkaimalar

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

Mr. Rajendran Subramanian

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Certificate of Excellence

This is to certify that**BHUVAN...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
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Kamaraj College of Engineering and Technology (Autonomous)
Assessment Marks:81.....

C.Vakaimalar

Dr.E.Vakaimalar

HOD/IT

S.Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



SILICON
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Certificate of Excellence

This is to certify that**SARAVANAKUMAR P**.....of **II Year IT**
has successfully completed the Value Added Course on
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Department of Information Technology
Kamaraj College of Engineering and Technology (Autonomous)
Assessment Marks:**97**.....

E. Vakkaimalar

Dr.E.Vakkaimalar

HOD/IT

Senthil

Dr.S.Senthil

PRINCIPAL

Rajendran

Mr.Rajendran Subramanian

MANAGING DIRECTOR



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Department of Information Technology

8. Examination Schedule

Value Added Course

on

Web Application Development using JSP and Web Services



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

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



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

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

Department of Information Technology

9. Question and Answer Keys

Value Added Course

on

Web Application Development using JSP and Web Services

DEPARTMENT OF INFORMATION TECHNOLOGY

VALUE ADDED COURSE

Web Application Development using JSP and Web Services

Questions and Answers

1. Servlet based on which Language?
 - a. C
 - b. Python
 - c. Java**
 - d. C++

2. Servlet has a Main method.
 - a. False**
 - b. True

3. The variable "response" is created from _____
 - a. HttpServletClient
 - b. HttpServletResponse**
 - c. HttpSession
 - d. HttpServletRequest

4. doGet, doPost are _____
 - a. Main Methods
 - b. Http Methods**
 - c. Java Methods
 - d. Class Methods

5. `<input type="text">` creates what?
 - a. Form
 - b. Text Box**
 - c. Password Box
 - d. Button

6. Pick the correct one.

- a. `<form action="xyz" method="get">`
- b. `<form action="xyz">`
- c. `<form action="xyz" method="GET">`
- 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?

- a. `setContentType();`**
- 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?

- a. `setSession();`
- b. `getAttribute();`
- c. `setAttribute();`**
- d. `getSession();`

12. What is the return type for `getName()`?

- a. Void
- b. Integer
- c. Boolean
- d. `String`**

13. Which method is used for class registration?

- a. setMethod();
- 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;
- c. insert table tablename(Name) values("raj");**
- 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 executeQuery()?

- 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 Scriptlet 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

60
Responses

76.1
Average Score

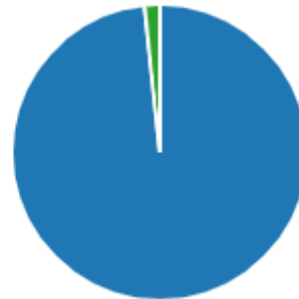
19:20
Average time to
complete

Active
Status

1. Servlet based on which Language? (4 points)

98% of respondents (59 of 60) answered this question correctly.

<input checked="" type="radio"/> Java	59 ✓
<input type="radio"/> Python	0
<input type="radio"/> C	1
<input type="radio"/> C++	0



2. Servlet has a Main method. (4 points)

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

<input type="radio"/> True	24
<input checked="" type="radio"/> False	36 ✓



3. The variable "response" is created from _____ (4 points)

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

● HttpServletRequest	1
● HttpServletResponse	48 ✓
● HttpSession	10
● ServletClient	1



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 ✓
● Java Methods	6



5. <input type="text"> creates what? (4 points)

90% of respondents (54 of 60) answered this question correctly.

● Text Box	54 ✓
● Password Box	0
● Button	5
● Form	1



6. Pick the correct one. (4 points)

63% of respondents (38 of 60) answered this question correctly.

● <form action="xyz">	0
● <form action="xyz" method="g...>	22
● <form action="xyz" method="G...>	0
● All of the Above	38 ✓



7. How a servlet and html form connected? (4 points)

93% of respondents (56 of 60) answered this question correctly.

<input type="radio"/>	Using JDBC Connector	1	
<input checked="" type="radio"/>	Using a XML File	56	✓
<input type="radio"/>	Using JSP	3	
<input type="radio"/>	Using Servlet	0	



8. Which method is used to make the response type? (4 points)

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

<input checked="" type="radio"/>	setContentType();	45	✓
<input type="radio"/>	getWriter();	8	
<input type="radio"/>	getParameter();	7	
<input type="radio"/>	setWriter();	0	



9. What is the return type for getWriter()? (4 points)

87% of respondents (52 of 60) answered this question correctly.

<input checked="" type="radio"/>	PrintWriter	52	✓
<input type="radio"/>	String	7	
<input type="radio"/>	Void	1	
<input type="radio"/>	Class	0	



10. What is the return type for getParameter()? (4 points)

87% of respondents (52 of 60) answered this question correctly.

<input checked="" type="radio"/>	String	52	✓
<input type="radio"/>	Integer	1	
<input type="radio"/>	Object	5	
<input type="radio"/>	Boolean	2	



11. Which method is used to bundle a data?* (4 points)

62% of respondents (37 of 60) answered this question correctly.

<input checked="" type="radio"/>	setAttribute();	37	✓
<input type="radio"/>	getAttribute();	12	
<input type="radio"/>	getSession();	8	
<input type="radio"/>	setSession();	3	



12. What is the return type for getName()? (4 points)

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

<input checked="" type="radio"/>	String	48	✓
<input type="radio"/>	Integer	0	
<input type="radio"/>	Void	11	
<input type="radio"/>	Boolean	1	



13. Which method is used for class registration?* (4 points)

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

<input checked="" type="radio"/>	forName();	42	✓
<input type="radio"/>	getClass();	2	
<input type="radio"/>	setMethod();	2	
<input type="radio"/>	setClass();	14	



14. Pick the correct one. (4 points)

68% of respondents (41 of 60) answered this question correctly.

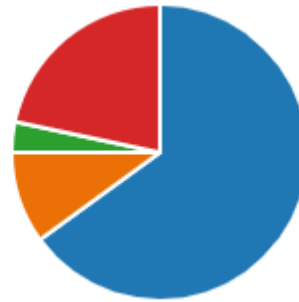
<input checked="" type="radio"/>	html -> xml -> servlet	41	✓
<input type="radio"/>	servlet -> html -> xml	0	
<input type="radio"/>	xml -> servlet -> html	4	
<input type="radio"/>	xml -> html -> servlet	15	



15. Which query is correct? (4 points)

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

- insert table tablename(Name) v... 39 ✓
- 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 executeQuery()? (4 points)

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

- ResultSet 51 ✓
- String 1
- PrintWriter 4
- Statement 4



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 7
- Deletes the Database 6



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

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

● Deployment Descriptor	57 ✓
● Deployment Desk	2
● Dashboard Details	1
● Dead Data	0



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

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

● Transfer Control Protocol	10
● Transmission Control Protocol	50 ✓
● Transfer Commission Pool	0
● Transmission Commission Pool	0



21. Browser is also called as_____ (4 points)

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

● Client	42 ✓
● Chrome	2
● Website	4
● Server	12



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

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

● Html	14
● Http	36 ✓
● Server	5
● IP	5



23. What is JSP? (4 points)

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

<input type="radio"/>	Java Servlet Program	6	
<input checked="" type="radio"/>	Java Server Page	48	✓
<input type="radio"/>	Java Script Page	3	
<input type="radio"/>	Java Server Program	3	



24. Which of the following is Scriplet tag? (4 points)

98% of respondents (59 of 60) answered this question correctly.

<input checked="" type="radio"/>	<% %>	59	✓
<input type="radio"/>	<%! %>	0	
<input type="radio"/>	<%>	1	
<input type="radio"/>	<%= %>	0	



25. Statement is the return type for which Method? (4 points)

58% of respondents (35 of 60) answered this question correctly.

<input checked="" type="radio"/>	createStatement();	35	✓
<input type="radio"/>	getStatement();	6	
<input type="radio"/>	prepareStatement();	19	
<input type="radio"/>	generateStatement();	0	



Department of Information Technology

10. Attendance Sheet

Value Added Course

on

Web Application Development using JSP and Web Services

DEPARTMENT OF INFORMATION TECHNOLOGY

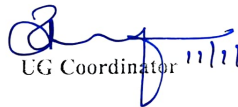
Value Added Course on “Web Application Development using JSP and Web Services”

05.01.2023 to 10.01.2023

Attendance Sheet

Sl. No.	Roll Number	Student Name	05.01.2023		06.01.2023		07.01.2023		09.01.2023		10.01.2023	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	21UH001	SRI ATHESH S	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2	21UH002	VISHNU DEEPAN P	Vishnu P	Vishnu P	Vishnu P	Vishnu P	Vishnu P	Vishnu P	Vishnu P	Vishnu P	Vishnu P	Vishnu P
3	21UH003	VIGNESH V K	Vignesh V K	Vignesh V K	Vignesh V K	Vignesh V K	Vignesh V K	Vignesh V K	Vignesh V K	Vignesh V K	Vignesh V K	Vignesh V K
4	21UH004	SURIYA RAM S	S. Sri Ram S	S. Sri Ram S	S. Sri Ram S	S. Sri Ram S	S. Sri Ram S	S. Sri Ram S	S. Sri Ram S	S. Sri Ram S	S. Sri Ram S	S. Sri Ram S
5	21UH005	VINODHAN M	Vinodhan M	Vinodhan M	Vinodhan M	Vinodhan M	Vinodhan M	Vinodhan M	Vinodhan M	Vinodhan M	Vinodhan M	Vinodhan M
6	21UH006	NARESHAN R	R. Nareshan R	R. Nareshan R	R. Nareshan R	R. Nareshan R	R. Nareshan R	R. Nareshan R	R. Nareshan R	R. Nareshan R	R. Nareshan R	R. Nareshan R
7	21UH007	SIVASAKTHI S	S. Sivalakshmi S	S. Sivalakshmi S	S. Sivalakshmi S	S. Sivalakshmi S	S. Sivalakshmi S	S. Sivalakshmi S	S. Sivalakshmi S	S. Sivalakshmi S	S. Sivalakshmi S	S. Sivalakshmi S
8	21UH008	SUBASHINI K	K. Subashini K	K. Subashini K	K. Subashini K	K. Subashini K	K. Subashini K	K. Subashini K	K. Subashini K	K. Subashini K	K. Subashini K	K. Subashini K
9	21UH009	MATHU MITHA V	V. Mathu Mittha V	V. Mathu Mittha V	V. Mathu Mittha V	V. Mathu Mittha V	V. Mathu Mittha V	V. Mathu Mittha V	V. Mathu Mittha V	V. Mathu Mittha V	V. Mathu Mittha V	V. Mathu Mittha V
10	21UH010	KALAISELVI K	K. Kalaiselvi K	K. Kalaiselvi K	K. Kalaiselvi K	K. Kalaiselvi K	K. Kalaiselvi K	K. Kalaiselvi K	AB	AB	K. Kalaiselvi K	K. Kalaiselvi K

Sl. No.	Roll Number	Student Name	05.01.2023		06.01.2023		07.01.2023		09.01.2023		10.01.2023	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
61	21UIT061	MUTHURAM M	Muthuram	Muthuram	Muthuram	Muthuram	Muthuram	Muthuram	M. Muthuram	M. Muthuram	M. Muthuram	M. Muthuram
62	21UIT062	RUBAN REYEASH S	Ruban	Ruban	Ruban	Ruban	AB	AB	AB	AB	Ruban	Ruban
63	21UIT063	ASHISH J	J Ashish	J Ashish	J Ashish	J Ashish	J Ashish	J Ashish	J Ashish	J Ashish	J Ashish	J Ashish
64	21UIT064	BHUVAN MUTHU V	V. Bhuvan	V. Bhuvan	V. Bhuvan	V. Bhuvan	V. Bhuvan	V. Bhuvan	V. Bhuvan	V. Bhuvan	V. Bhuvan	V. Bhuvan
65	21UIT065	SARAVANAKUMAR P	P. Sarav	P. Sarav	P. Sarav	P. Sarav	P. Sarav	P. Sarav	P. Sarav	P. Sarav	P. Sarav	P. Sarav
Total Strength			65	65	65	65	65	65	65	65	65	65
Number of Students Present			60	60	58	59	58	57	56	52	60	58
Number of Students Absent			5	5	7	6	7	8	9	13	5	7
Signature of Value Added Course Coordinator												


UG Coordinator 11/11/2023


HoD / IT



(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

* Required

* This form will record your name, please fill your name.

1. Servlet based on which Language? * (4 Points)

Python

Java

C++

C

2. Servlet has a Main method. * (4 Points)

True

False

3. The variable "response" is created from _____ * (4 Points)

HttpServletClient

HttpSession

HttpServletResponse

HttpServletRequest

4. doGet, doPost are _____ * (4 Points)

Http Methods

Class Methods

Java Methods

Main Methods

5. `<input type="text">` creates what? * (4 Points)

- Text Box
- Button
- Form
- Password Box

6. Pick the correct one. * (4 Points)

- `<form action="xyz">`
- `<form action="xyz" method="get">`
- `<form action="xyz" method="GET">`
- All of the Above

7. How a servlet and html form connected? * (4 Points)

- Using Servlet
- Using a XML File
- Using JDBC Connector
- Using JSP

8. Which method is used to make the response type? * (4 Points)

- `setContentType();`
- `setWriter();`
- `getParameter();`
- `getWriter();`

9. What is the return type for `getWriter()`? * (4 Points)

- Class
- Void
- `PrintWriter`
- String

10. What is the return type for `getParameter()`? * (4 Points)

- Object
- String
- Integer
- Boolean

11. Which method is used to bundle a data?* * (4 Points)

- `getAttribute();`
- `setSession();`
- `getSession();`
- `setAttribute();`

12. What is the return type for `getName()`? * * (4 Points)

- String
- Integer
- Void
- Boolean

13. Which method is used for class registration?* * (4 Points)

- `setClass();`
- `forName();`
- `getClass();`
- `setMethod();`

14. Pick the correct one. * (4 Points)

- xml -> html -> servlet
- xml -> servlet -> html
- html -> xml -> servlet
- servlet -> html -> xml

15. Which query is correct? * (4 Points)

- create tablename;
- create from database;
- select * insert from tablename;
- insert table tablename(Name) values("raj");

16. Syntax to create database. * (4 Points)

- use databasename.tablename;
- use databasename;
- create database databasename;
- create database.databasename;

17. What is the return type for executeQuery()? * (4 Points)

- ResultSet
- String
- PrintWriter
- Statement

18. What is the use of truncate? * (4 Points)

- Clears Data in Table
- Deletes the Table
- Deletes the Database
- Clears the data which is updated recently

19. What is the abbreviation for DD? * (4 Points)

- Dead Data
- Dashboard Details
- Deployment Desk
- Deployment Descriptor

20. What is the abbreviation for TCP? * (4 Points)

- Transmission Commission Pool
- Transmission Control Protocol
- Transfer Control Protocol
- Transfer Commission Pool

21. Browser is also called as _____ * (4 Points)

- Server
- Chrome
- Client
- Website

22. Which of the following passes request? * (4 Points)

- IP
- Server
- Html
- Http

23. What is JSP? * (4 Points)

- Java Server Program
- Java Script Page
- Java Servlet Program
- Java Server Page

24. Which of the following is Scriplet tag? * (4 Points)

- <%! %>
- <% %>
- <%>
- <%= %>

25. Statement is the return type for which Method? * (4 Points)

- generateStatement();
- getStatement();
- prepareStatement();
- 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

49

VINODHAN.M

27:33

Time to complete

96/100

Points

✓ **Correct** 4/4 Points4 / 4 pts
Auto-graded

1. Servlet based on which Language? *

- Java ✓
- Python
- C
- C++

✓ **Correct** 4/4 Points4 / 4 pts
Auto-graded

2. Servlet has a Main method. *

- True
- False ✓

✓ **Correct** 4/4 Points4 / 4 pts
Auto-graded

3. The variable "response" is created from _____ *

- HttpServletRequest
- HttpServletResponse ✓
- HttpSession
- HttpClient

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

4. doGet, doPost are _____ *

- Main Methods
- Class Methods
- Http 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

6. Pick the correct one. *

- <form action="xyz">
- <form action="xyz" method="get">
- <form action="xyz" method="GET">
- All of the Above ✓

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

7. How a servlet and html form connected? *

- Using JDBC Connector
- Using a XML File ✓
- Using JSP
- Using Servlet

✓ **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

10. What is the return type for `getParameter()`? *

- `String` ✓
- `Integer`
- `Object`
- `Boolean`

✗ **Incorrect** 0/4 Points

0 / 4 pts
Auto-graded

11. Which method is used to bundle a data?* *

- `setAttribute();` ✓
- `getAttribute();`
- `getSession();`
- `setSession();`

✓ **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

15. Which query is correct? *

- insert table tablename(Name) values("raj"); ✓
- select * insert from tablename;
- create from database;
- create tablename;

✓ **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 executeQuery()? *

- 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
- Deletes the Table
- Deletes the Database

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

19. What is the abbreviation for DD? *

- Deployment Descriptor ✓
- Deployment Desk
- Dashboard Details
- Dead Data

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

20. What is the abbreviation for TCP? *

- Transfer Control Protocol
- Transmission 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

22. Which of the following passes request? *

- Html
- Http ✓
- Server
- IP

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

23. What is JSP? *

- Java Servlet Program
- Java Server Page ✓
- Java Script Page
- Java Server Program

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

24. Which of the following is Scriptlet tag? *

- <% %> ✓
- <%! %>
- <%>
- <%= %>

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

25. Statement is the return type for which Method? *

- createStatement(); ✓
- getStatement();
- prepareStatement();
- generateStatement();

Review: Web Application Development using JSP and Web Services

Respondent

32

AARTHILEKHA.A

19:37

Time to complete

80/100

Points

✓ **Correct** 4/4 Points4 / 4 pts
Auto-graded

1. Servlet based on which Language? *

- Java ✓
- Python
- C
- C++

✓ **Correct** 4/4 Points4 / 4 pts
Auto-graded

2. Servlet has a Main method. *

- True
- False ✓

✗ **Incorrect** 0/4 Points0 / 4 pts
Auto-graded

3. The variable "response" is created from _____ *

- HttpServletRequest
- HttpServletResponse ✓
- HttpSession
- HttpServletClient

✘ **Incorrect** 0/4 Points

0 / 4 pts
Auto-graded

4. doGet, doPost are _____ *

- Main Methods
- Class Methods
- Http 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

6. Pick the correct one. *

- <form action="xyz">
- <form action="xyz" method="get">
- <form action="xyz" method="GET">
- All of the Above ✓

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

7. How a servlet and html form connected? *

- Using JDBC Connector
- Using a XML File ✓
- Using JSP
- Using Servlet

✓ **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

10. What is the return type for `getParameter()`? *

- `String` ✓
- `Integer`
- `Object`
- `Boolean`

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

11. Which method is used to bundle a data?* *

- `setAttribute();` ✓
- `getAttribute();`
- `getSession();`
- `setSession();`

✓ **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();

✗ **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

✗ **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;

✘ **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 executeQuery()? *

- 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
- Deletes the Table
- Deletes the Database

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

19. What is the abbreviation for DD? *

- Deployment Descriptor ✓
- Deployment Desk
- Dashboard Details
- Dead Data

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

20. What is the abbreviation for TCP? *

- Transfer Control Protocol
- Transmission 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

22. Which of the following passes request? *

- Html
- Http ✓
- Server
- IP

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

23. What is JSP? *

- Java Servlet Program
- Java Server Page ✓
- Java Script Page
- Java Server Program

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

24. Which of the following is Scriptlet tag? *

- <% %> ✓
- <%! %>
- <%>
- <%= %>

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

25. Statement is the return type for which Method? *

- createStatement(); ✓
- getStatement();
- prepareStatement();
- generateStatement();

Review: Web Application Development using JSP and Web Services

Respondent

12

KISHORE.M

13:51

Time to complete

60/100

Points

✓ **Correct** 4/4 Points4 / 4 pts
Auto-graded

1. Servlet based on which Language? *

- Java ✓
- Python
- C
- C++

✗ **Incorrect** 0/4 Points0 / 4 pts
Auto-graded

2. Servlet has a Main method. *

- True
- False ✓

✓ **Correct** 4/4 Points4 / 4 pts
Auto-graded

3. The variable "response" is created from _____ *

- HttpServletRequest
- HttpServletResponse ✓
- HttpSession
- HttpClient

✘ **Incorrect** 0/4 Points

0 / 4 pts
Auto-graded

4. doGet, doPost are _____ *

- Main Methods
- Class Methods
- Http Methods ✓
- Java Methods

✘ **Incorrect** 0/4 Points

0 / 4 pts
Auto-graded

5. <input type="text"> creates what? *

- Text Box ✓
- Password Box
- Button
- Form

✘ **Incorrect** 0/4 Points

0 / 4 pts
Auto-graded

6. Pick the correct one. *

- <form action="xyz">
- <form action="xyz" method="get">
- <form action="xyz" method="GET">
- All of the Above ✓

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

7. How a servlet and html form connected? *

- Using JDBC Connector
- Using a XML File ✓
- Using JSP
- Using Servlet

✗ **Incorrect** 0/4 Points

0 / 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

10. What is the return type for `getParameter()`? *

- `String` ✓
- `Integer`
- `Object`
- `Boolean`

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

11. Which method is used to bundle a data?* *

- `setAttribute();` ✓
- `getAttribute();`
- `getSession();`
- `setSession();`

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

12. What is the return type for getName()? *

- String ✓
- Integer
- Void
- Boolean

✗ **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

14. Pick the correct one. *

- html -> xml -> servlet ✓
- servlet -> html -> xml
- xml -> servlet -> html
- xml -> html -> servlet

✗ **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;

✗ **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 executeQuery()? *

- 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
- Deletes the Table
- Deletes the Database

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

19. What is the abbreviation for DD? *

- Deployment Descriptor ✓
- Deployment Desk
- Dashboard Details
- Dead Data

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

20. What is the abbreviation for TCP? *

- Transfer Control Protocol
- Transmission 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

✗ **Incorrect** 0/4 Points

0 / 4 pts
Auto-graded

22. Which of the following passes request? *

- Html
- Http ✓
- Server
- IP

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

23. What is JSP? *

- Java Servlet Program
- Java Server Page ✓
- Java Script Page
- Java Server Program

✓ **Correct** 4/4 Points

4 / 4 pts
Auto-graded

24. Which of the following is Scriptlet tag? *

- <% %> ✓
- <%! %>
- <%>
- <%= %>

✗ **Incorrect** 0/4 Points

0 / 4 pts
Auto-graded

25. Statement is the return type for which Method? *

- createStatement(); ✓
- getStatement();
- prepareStatement();
- generateStatement();



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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) %

Tejash
21/01/23

Submitted By,

Name: Tejash Dhakshin S

Roll Number:21UIT021

Project 1:

HTML:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="ISO-8859-1">
```

```
<title>Insert title here</title>
```

```
</head>
```

```
<body>
```

```
<form action="abc" method="get">
```

```
<h2>USER NAME FORM</h2>
```

```
Name :<input type="text" name="uname">
```

```
<br>
```

```
<input type="submit" value="click">
```

```
</form>
```

```
</body>
```

```
</html>
```

HTML output:

USER NAME FORM

Name :

Class:

```
public class raja { private String
name; 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, HttpServletResponse response)
throws ServletException, 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
javax.servlet.http.HttpServletRequest;

import
javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

/**
 * 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"
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">

```

```
<display-name>kcettthree</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>
```

```
<servlet>
```

```
<servlet-name>s1</servlet-name>
```

```
<servlet-class>ramu</servlet-class>
```

```
</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>
```

```
</servlet-mapping>
```

```
</web-app>
```

Output:

Servlet 1:

Weclome Tejash
Father Name ;

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>
```


</html>

Html output:

Name :
click

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"
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 = new Raja();  
v.setName(x);  
HttpSession s = request.getSession(true);  
s.setAttribute("z", v);  
%>  
<form action="proThreeTwo.jsp">  
Father name : <input type="text" name="fname">  
<br>  
<input type="submit" value="click">  
</form>  
</body>  
</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");
```

```
HttpSession s=request.getSession(false);
Object m=s.getAttribute("z");
Raja v=(Raja)m; String y =
v.getName();
out.println("Welcome Mr."+y+"
"+x);
```

```
</body>
</html>
```

Output:

Jsp 1:

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>
<form action="abc">
```



```
name="text" type="text" name="name"><br><br>
city="text" type="text" name="city"><br><br>
country="text" type="text" name="country"><br><br>

</form>
</body>
</html>
```

HTML output:

Name:
City:
Country:

Servlet 1:

```
import java.io.IOException; import
java.io.PrintWriter; import
java.sql.Connection; import
java.sql.DriverManager; import
java.sql.PreparedStatement; import
javax.servlet.ServletException; import
javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import
javax.servlet.http.HttpServletRequest;
```

```

import
javax.servlet.http.HttpServlet;
import
javax.servlet.http.HttpServletRequest;
import
javax.servlet.http.HttpServletResponse;
import
java.io.IOException;
import
java.io.PrintWriter;
import
java.sql.*;

@WebServlet("/update") public class update
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 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",
            "kabillesh@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);
```

```
}
```

```
}
```

Web.Xml:

```
<?xml version="1.0" encoding="UTF-8"?>  
<web-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">  
  <display-name>login2</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>  
  <servlet>  
    <servlet-name>s1</servlet-name>  
    <servlet-class>update</servlet-class>  
  </servlet>  
  <servlet-mapping>  
    <servlet-name>s1</servlet-name>  
    <url-pattern>/abc</url-pattern>  
  </servlet-mapping>
```


~/web-app>

Output:

Name:

City:

Country:

updated

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

KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY

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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

2023-30 + 30

90

21/01/2023

Project 1:

HTML:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="ISO-8859-1">
```

```
<title>Insert title here</title>
```

```
</head>
```

```
<body>
```

```
<form action="abc" method="get">
```

```
<h2>USER NAME FORM</h2>
```

```
Name :<input type="text" name="uname">
```

```
<br>
```

```
<input type="submit" value="click">
```

```
</form>
```

```
</body>
```

```
</html>
```

HTML output:

USER NAME FORM

Name :

Class:


```
public class raja { private String
```

```
name; 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, HttpServletResponse response)
throws ServletException, 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 javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
import javax.servlet.http.HttpServlet;

/**
 * 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"
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">

```



```
</servlet-mapping>
</web-app>
```

Output:

Servlet 1:

Welcome Tejash
Father Name ;

Servlet 2:

WELCOME RAJESH
SON OF MURUGAN

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>
```

</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"
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 = new Raja();
```

```
v.setName(x);  
HttpSession s = request.getSession(true);  
s.setAttribute("z", v);
```

```
<form action="proThreeTwo.jsp">
```

```
Father name :<input type="text" name="fname">
```

```
<br>  
<input type="submit" value="click">
```

```
</form>
```

```
</body>
```

```
</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");
```



```
HttpSession s=request.getSession(false);
Object m=s.getAttribute("z");
Raja v=(Raja)m; String y =
v.getName();
out.println("Welcome Mr."+y);
"x);
```

```
</body>
</html>
```

Output:

Jsp 1:

Father name :

click

Jsp 2:

WELCOME RAJESH
SON OF MURUGAN

Project 3:

HTML:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="ISO-8859-1">
```

```
<title>Insert title here</title>
```

```
</head>
```

```
<body>
```

```
<form action="abc">
```

```
name:<input type="text" name="name"><br><br>
city:<input type="text" name="city"><br><br>
country:<input type="text" name="country"><br><br>
<input type="submit" value="register">
</form>
</body>
</html>
```

Html output:

Name:

City:

Country:

Servlet 1:

```
import java.io.IOException; import
java.io.PrintWriter; import
java.sql.Connection; import
java.sql.DriverManager; import
java.sql.PreparedStatement; import
javax.servlet.ServletException; import
javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import
javax.servlet.http.HttpServletRequest;
```

```
import javax.servlet.http.HttpServletResponse;
```

```
* Servlet implementation class update
```

```
@WebServlet("/update") public class update
```

```
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 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",  
"Kabiles@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);
```

```
}
```

```
}
```

Web.Xml:

```
<?xml version="1.0" encoding="UTF-8"?>  
<web-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">  
  <display-name>login2</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>  
  <servlet>  
    <servlet-name>s1</servlet-name>  
    <servlet-class>update</servlet-class>  
  </servlet>  
  <servlet-mapping>  
    <servlet-name>s1</servlet-name>  
    <url-pattern>/abc</url-pattern>  
  </servlet-mapping>
```

</web-app>

Output:

Name: kabilesh

City: Sivakasi

Country: India

register

updated

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

KAMARAJO
COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution - AFFILIATED TO Anna University Chennai)
S.P.G.Chidambara Nadar - G.Naganur 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

05+25+30

(85) 1.

Djendra
21/01/23

Submitted By,

K.Kalai selvi

(920421205018)

920421010

PROJECT 1:

File Name: NewFile1.html

HTML:

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<form action="abc" method="get">
  Name: <input type="text" name="uname">
  <br>
  <input type="submit" value="click here">
</form>
</body>
</html>
```

SERVLET 1:

File Name: vino.java

```
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;
/**
 * Servlet implementation class vino
 */
@WebServlet("/vino")
public class vino extends HttpServlet {
    private static final long serialVersionUID = 1L;
    public void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        response.setContentType("text/html");
        PrintWriter out=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'>");
    }
}
```

```

out.println("Father Name:<input type='text' name='fname'>");
out.println("<br>");
out.println("<input type='submit' value='click here'>");
out.println("</form>");
out.println("</body>");
out.println("<html>");
vinsd=newvins();
d.setName(x);
javax.servlet.http.HttpSessions=request.getSession(true);
s.setAttribute("z", d);
}
}

```

File Name: Raju.java

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 javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

/**
 * Servlet implementation class Raju
 */
@WebServlet("/Raju")
public class Raju extends HttpServlet {
    private static final long serialVersionUID = 1L;

    public void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html");
        PrintWriter out=response.getWriter();
        String x=request.getParameter("fname");
        HttpSession=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

```
class Vins {
    private String name;
    public void setName(String name)
    {
        this.name = name;
    }
    public String getName()
    {
        return name;
    }
}
```

WEB.XML:

```
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-
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>project3</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>
    <servlet>
        <servlet-name>s1</servlet-name>
        <servlet-class>vino</servlet-class>
    </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>
```



```
<url-pattern>/abd</url-pattern>  
</servlet-mapping>  
</web-app>
```

OUTPUT:

HTML:

SERVLET:

Welcome Mr.Kannan Kalai selvi

PROJECT 2:

File Name: NewFile.html

HTML:

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<form action="NewFile.jsp" method="get">
  Name: <input type="text" name="uname">
  <br>
  <input type="submit" value="click">
</form>
</body>
</html>
```

JSP 1:

File Name: NewFile.jsp

```
<%@page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<%@page import="proThree.vino"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="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);
  %>
```

```
<form action="NewFile1.jsp" method="get">
  Father Name: <input type="text" name="fname">
  <br>
  <input type="submit" value="click">
</form>
```

```
</body>
</html>
```

File Name: NewFile1.jsp

JSP 2:

```
<%@page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
```

```
<%@page import="proThree.vino"%>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="ISO-8859-1">
```

```
<title>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);
```

```
%>
```

```
</body>
```

```
</html>
```

CLASS :

FileName: vino.java

```
package proThree;
```

```
public class vino
```

```
{
```

```
    private String name;
```

```
    public void setName(String name)
```

```
    {
```

```
        this.name=name;
```

```
    }
```

```
    public String getName()
```

```
    {
```



```
returnname;
```

```
}
```

```
}
```

WEB. XML:

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-
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>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:

HTML:

JSP1:

Welcome Mr.Kannan Welcome Miss.Kalai selvi

PROJECT 3:

HTML:

File Name: NewFile.html

```
<!DOCTYPEhtml>
<html>
<head>
<metacharset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<formaction="xyz">
  Name: <inputtype = "text"n = "name"><br><br>
  City: <inputtype = "text"c = "city"><br><br>
  Country: <inputtype = "text"co = "country"><br><br>
  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.HttpServlet;
importjavax.servlet.http.HttpServletRequest;
importjavax.servlet.http.HttpServletResponse;
```

```

** Servlet implementation class RAM
*/
@WebServlet("/RAM")
public class MANNU extends HttpServlet {

private static final long serialVersionUID = 1L;
*/
*/ a see HttpServlet#HttpServlet()
*/

```

```

protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
response.setContentType("text/html");
PrintWriter out = response.getWriter();
String n = request.getParameter("n");
String c = request.getParameter("c");
String co = request.getParameter("co");

```

```

try {
Class.forName("com.mysql.jdbc.Driver");
Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/vino","root","newitlab");
PreparedStatement ps = 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:

```

<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-
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-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>
</servlet>
<servlet-name>s1</servlet-name>
<servlet-class>RAM</servlet-class>
</servlet>
<servlet-mapping>
<servlet-name>s1</servlet-name>
<url-pattern>/xyz</url-pattern>
</servlet-mapping>
</web-app>
```

OUTPUT:

HTML:

update



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

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

60

Responses

76.1

Average Score

19:20

Average time to complete

Active

Status

1. Servlet based on which Language? (4 points)

98% of respondents (59 of 60) answered this question correctly.

● Java	59	✓
● Python	0	
● C	1	
● C++	0	



2. Servlet has a Main method. (4 points)

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

● True	24	
● False	36	✓



3. The variable "response" is created from _____ (4 points)

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

<input type="radio"/>	HttpServletRequest	1
<input checked="" type="radio"/>	HttpServletResponse	48 ✓
<input type="radio"/>	HttpSession	10
<input type="radio"/>	HttpServletClient	1



4. doGet, doPost are _____ (4 points)

47% of respondents (28 of 60) answered this question correctly.

<input type="radio"/>	Main Methods	7
<input type="radio"/>	Class Methods	19
<input checked="" type="radio"/>	Http Methods	28 ✓
<input type="radio"/>	Java Methods	6



5. <input type="text"> creates what? (4 points)

90% of respondents (54 of 60) answered this question correctly.

<input checked="" type="radio"/>	Text Box	54 ✓
<input type="radio"/>	Password Box	0
<input type="radio"/>	Button	5
<input type="radio"/>	Form	1



6. Pick the correct one. (4 points)

63% of respondents (38 of 60) answered this question correctly.

<input type="radio"/>	<form action="xyz">	0
<input type="radio"/>	<form action="xyz" method="g...	22
<input type="radio"/>	<form action="xyz" method="G...	0
<input checked="" type="radio"/>	All of the Above	38 ✓



7. How a servlet and html form connected? (4 points)

93% of respondents (56 of 60) answered this question correctly.

● Using JDBC Connector	1
● Using a XML File	56 ✓
● Using JSP	3
● Using Servlet	0



8. Which method is used to make the response type? (4 points)

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

● <code>setContentType();</code>	45 ✓
● <code>getWriter();</code>	8
● <code>getParameter();</code>	7
● <code>setWriter();</code>	0

9. What is the return type for `getWriter()`? (4 points)

87% of respondents (52 of 60) answered this question correctly.

● <code>PrintWriter</code>	52 ✓
● <code>String</code>	7
● <code>Void</code>	1
● <code>Class</code>	0

10. What is the return type for `getParameter()`? (4 points)

87% of respondents (52 of 60) answered this question correctly.

● <code>String</code>	52 ✓
● <code>Integer</code>	1
● <code>Object</code>	5
● <code>Boolean</code>	2



11. Which method is used to bundle a data?* (4 points)

62% of respondents (37 of 60) answered this question correctly.

<input checked="" type="radio"/>	setAttribute();	37	✓
<input type="radio"/>	getAttribute();	12	
<input type="radio"/>	getSession();	8	
<input type="radio"/>	setSession();	3	



12. What is the return type for getName()? (4 points)

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

<input checked="" type="radio"/>	String	48	✓
<input type="radio"/>	Integer	0	
<input type="radio"/>	Void	11	
<input type="radio"/>	Boolean	1	



13. Which method is used for class registration?* (4 points)

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

<input checked="" type="radio"/>	forName();	42	✓
<input type="radio"/>	getClass();	2	
<input type="radio"/>	setMethod();	2	
<input type="radio"/>	setClass();	14	



14. Pick the correct one. (4 points)

68% of respondents (41 of 60) answered this question correctly.

<input checked="" type="radio"/>	html -> xml -> servlet	41	✓
<input type="radio"/>	servlet -> html -> xml	0	
<input type="radio"/>	xml -> servlet -> html	4	
<input type="radio"/>	xml -> html -> servlet	15	



15. Which query is correct? (4 points)

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

- insert table tablename(Name) v... 39 ✓
- 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 executeQuery()? (4 points)

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

- ResultSet 51 ✓
- String 1
- PrintWriter 4
- Statement 4



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 7
- Deletes the Database 6



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

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

● Deployment Descriptor	57	✓
● Deployment Desk	2	
● Dashboard Details	1	
● Dead Data	0	



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

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

● Transfer Control Protocol	10	
● Transmission Control Protocol	50	✓
● Transfer Commission Pool	0	
● Transmission Commission Pool	0	



21. Browser is also called as_____ (4 points)

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

● Client	42	✓
● Chrome	2	
● Website	4	
● Server	12	



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

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

● Html	14	
● Http	36	✓
● Server	5	
● IP	5	



23. What is JSP? (4 points)

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

● Java Servlet Program	6
● Java Server Page	48 ✓
● Java Script Page	3
● Java Server Program	3



24. Which of the following is Scriptlet tag? (4 points)

98% of respondents (59 of 60) answered this question correctly.

● <% %>	59 ✓
● <%! %>	0
● <%>	1
● <%= %>	0



25. Statement is the return type for which Method? (4 points)

58% of respondents (35 of 60) answered this question correctly.

● createStatement();	35 ✓
● getStatement();	6
● prepareStatement();	19
● generateStatement();	0



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Department of Information Technology

13 . Assessment Rubrics

and

Mark Statement

Value Added Course

on

Web Application Development using JSP and Web Services

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 : IV

S/. No	Roll Number	Register Number	Name	Project Report [75]	MCQs [25]	Total [100]
1	21UIT001	920421205045	SRIATHESH S	ABSENT		
2	21UIT002	920421205058	VISHNU DEEPAN P	75	23	98
3	21UIT003	920421205054	VIGNESH V K	75	18	93
4	21UIT004	920421205050	SURIYA RAM S	75	18	93
5	21UIT005	920421205055	VINODHAN M	75	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	90
12	21UIT012	920421205014	GOMATHY B	75	24	99
13	21UIT013	920421205036	RAMYAA SHRI K	75	15	90


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

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

S/No	Roll Number	Register Number	Name	Project Report [75]	MCQs [25]	Total [100]
33	21UIT033	920421205017	KABILESH K	75	23	98
34	21UIT034	920421205039	SENTHIL KUMAR T B	75	20	95
35	21UIT035	920421205034	PRIYADHARSHINI A	75	21	96
36	21UIT036	920421205056	VISALI MANIPIRYA V	64	21	85
37	21UIT037	920421205030	NIKITHA B	75	19	94
38	21UIT038	920421205027	MEENAKSHI S	75	19	94
39	21UIT039	920421205001	AARTHILEKHA A	75	20	95
40	21UIT040	920421205059	VISHNU PRIYA G	75	20	95
41	21UIT041	920421205042	SIBI SIDDHARTHAN S	75	22	97
42	21UIT042	920421205015	HEMA MALINI R	ABSENT		
43	21UIT043	920421205019	KALPANA CHARULA S	64	21	85
44	21UIT044	920421205021	KAVIYA G	75	21	96
45	21UIT045	920421205002	ABISHEK RAJ S	68	12	80
46	21UIT046	920421205016	JOE SELVA RAKSHAN P	ABSENT		
47	21UIT047	920421205012	EASKKITHAI @ SUMATHI M	68	20	88
48	21UIT048	920421205008	BALAJI G S	75	22	97
49	21UIT049	920421205057	VISHAL M	75	16	91
50	21UIT050	920421205010	CHRISTIKA S	75	16	91
51	21UIT051	920421205006	BABY S	68	22	90

S/. No	Roll Number	Register Number	Name	Project Report [75]	MCQs [25]	Total [100]
52	21UIT052	920421205022	KAVIYA M	75	19	94
53	21UIT053	920421205005	ASWATHI G	75	23	98
54	21UIT054	920421205024	KISHORE M	75	15	90
55	21UIT055	920421205004	ARTHI M	68	21	89
56	21UIT056	920421205031	PRAVEEN KUMAR M	ABSENT		
57	21UIT057	920421205007	BALA CHIBI HARIESH B	ABSENT		
58	21UIT058	920421205032	PRAVEEN L	75	9	84
59	21UIT059	920421205037	SAAMIR GAFFUR MOHAMMED YAKUB SHAH	75	21	96
60	21UIT060	920421205051	SWATHEESWARI G	75	20	95
61	21UIT061	920421205303	MUTHURAM M	75	23	98
62	21UIT062	920421205304	RUBAN REYEASH S	75	8	83
63	21UIT063	920421205301	ASHISH J	68	12	80
64	21UIT064	920421205302	BHUVAN MUTHU V	68	13	81
65	21UIT065	920421205305	SARAVANAKUMAR P	75	22	97


VAC Coordinator


HoD / IT


Dean (Academic Courses)



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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. *

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly disagree

4. The instructors encouraged the interaction. *

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly disagree

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

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly disagree

6. Well organized VAC course. *

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly disagree

7. Overall Rating *



8. Any comments? *

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

 Microsoft Forms

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

60

Responses

04:03

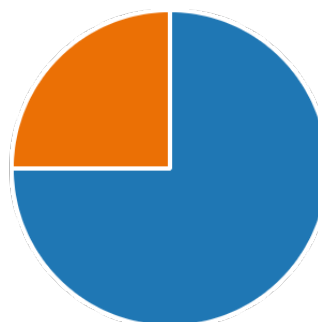
Average time to complete

Active

Status

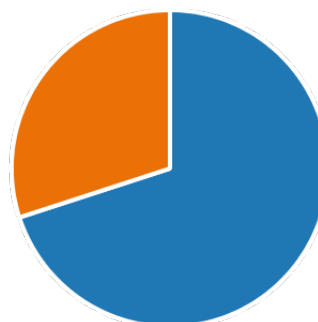
1. The objective of the day 1 value added course was met.

● Strongly Agree	45
● Agree	15
● Neutral	0
● Disagree	0
● Strongly disagree	0



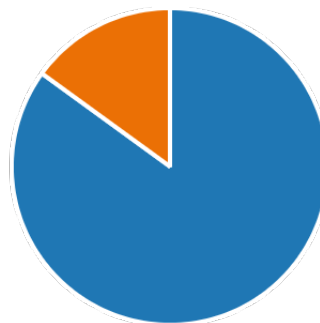
2. The program sequence was well planned.

● Strongly Agree	42
● Agree	18
● Neutral	0
● Disagree	0
● Strongly disagree	0



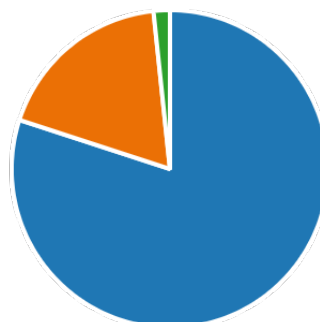
3. The lectures were clear and easy to understand.

Strongly Agree	51
Agree	9
Neutral	0
Disagree	0
Strongly disagree	0



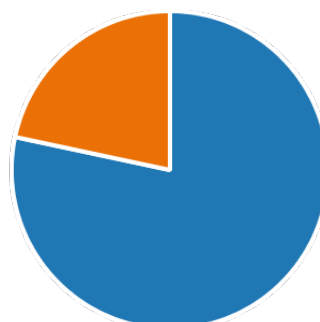
4. The instructors encouraged the interaction.

Strongly Agree	48
Agree	11
Neutral	1
Disagree	0
Strongly disagree	0



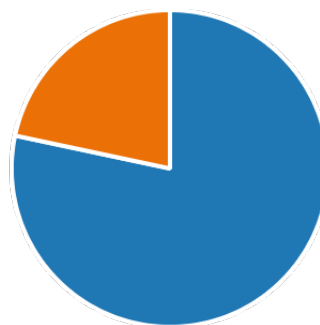
5. The information presented in this VAC was highly beneficial.

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



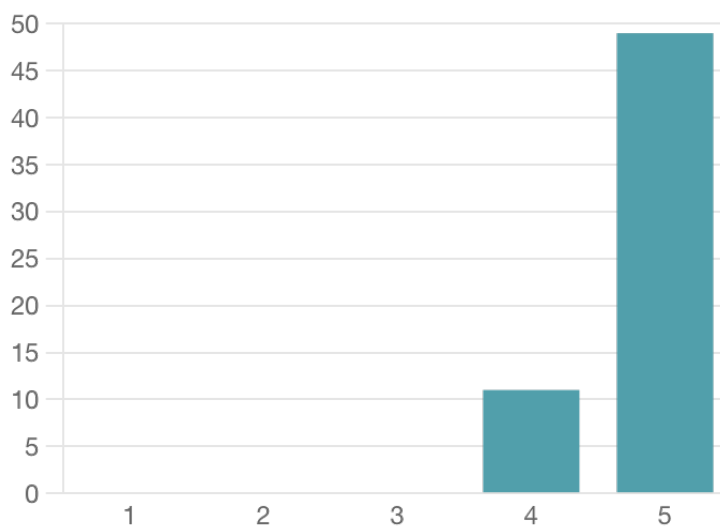
6. Well organized VAC course.

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



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.



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

59

Responses

00:40

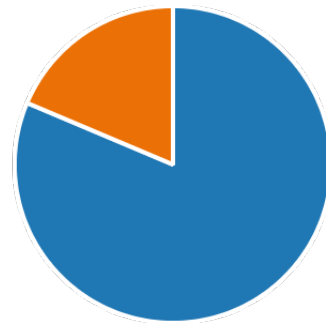
Average time to complete

Active

Status

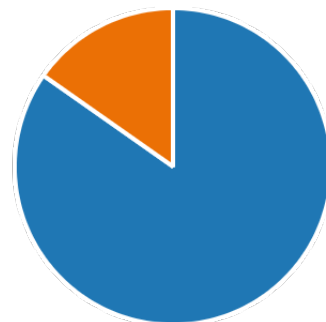
1. The objective of the day 2 value added course was met.

● Strongly Agree	48
● Agree	11
● Neutral	0
● Disagree	0
● Strongly disagree	0



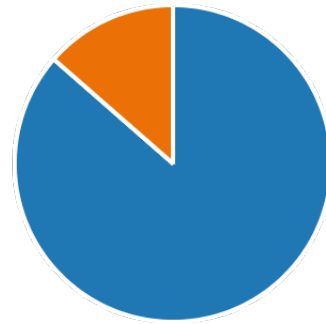
2. The program sequence was well planned.

● Strongly Agree	50
● Agree	9
● Neutral	0
● Disagree	0
● Strongly disagree	0



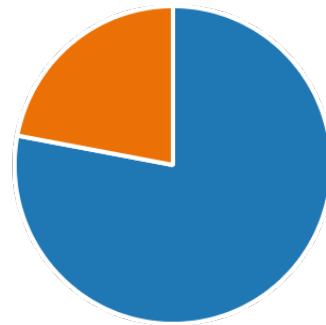
3. The lectures were clear and easy to understand.

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



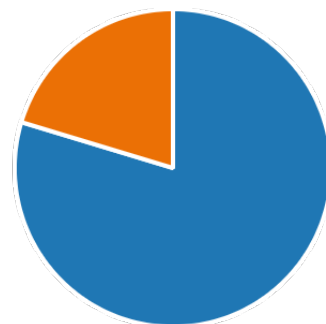
4. The instructors encouraged the interaction.

● Strongly Agree	46
● Agree	13
● Neutral	0
● Disagree	0
● Strongly disagree	0



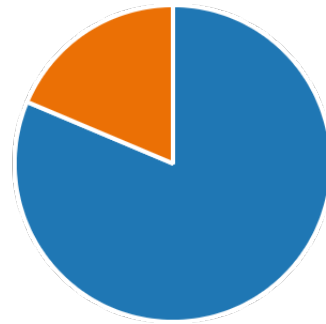
5. The information presented in this VAC was highly beneficial.

● Strongly Agree	47
● Agree	12
● Neutral	0
● Disagree	0
● Strongly disagree	0



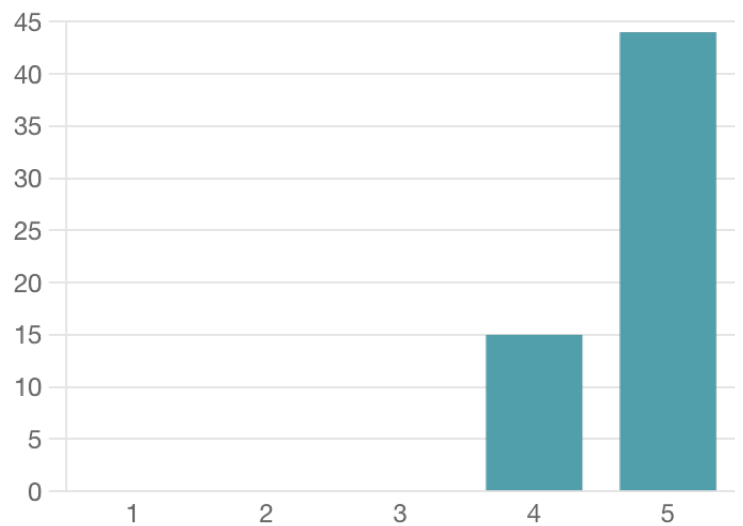
6. Well organized VAC course.

Strongly Agree	48
Agree	11
Neutral	0
Disagree	0
Strongly disagree	0



7. Overall Rating

4.75
Average Rating



8. Any comments?

59
Responses

Latest Responses

- "Good"
- "lecture was good "
- "Good Teaching."

[Update](#)

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



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

58

Responses

00:38

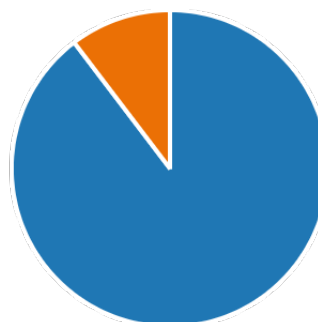
Average time to complete

Active

Status

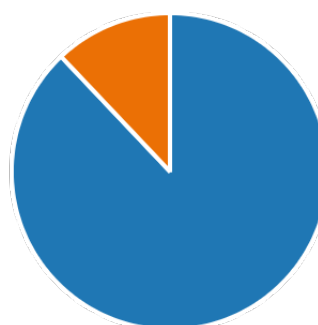
1. The objective of the day 3 value added course was met.

● Strongly Agree	52
● Agree	6
● Neutral	0
● Disagree	0
● Strongly disagree	0



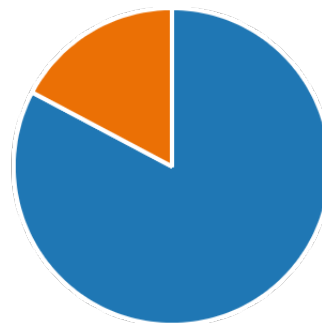
2. The program sequence was well planned.

● Strongly Agree	51
● Agree	7
● Neutral	0
● Disagree	0
● Strongly disagree	0



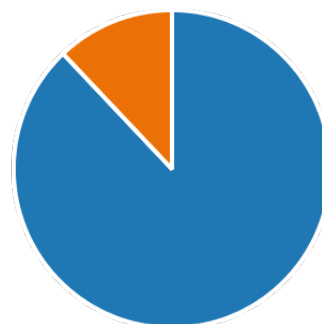
3. The lectures were clear and easy to understand.

Strongly Agree	48
Agree	10
Neutral	0
Disagree	0
Strongly disagree	0



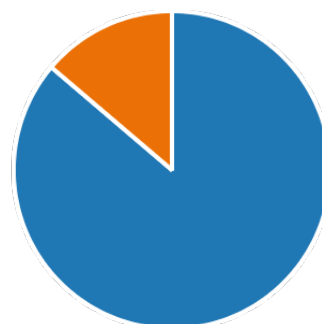
4. The instructors encouraged the interaction.

Strongly Agree	51
Agree	7
Neutral	0
Disagree	0
Strongly disagree	0



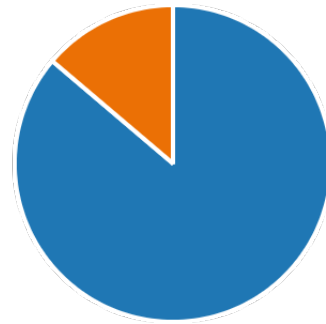
5. The information presented in this VAC was highly beneficial.

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



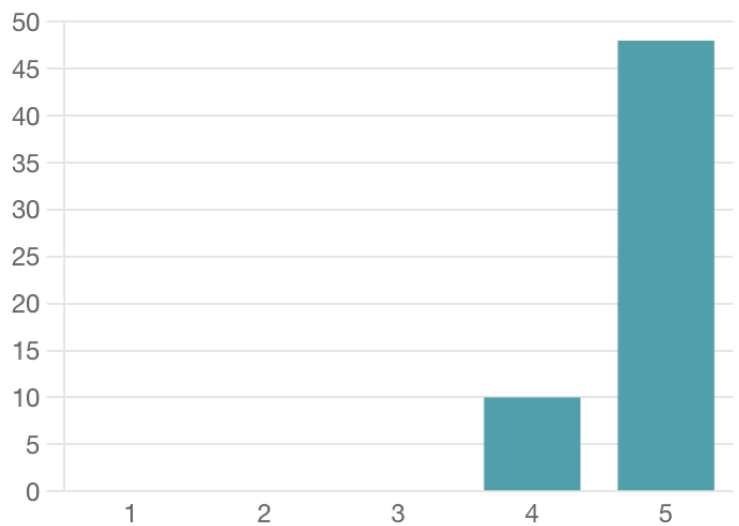
6. Well organized VAC course.

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



7. Overall Rating

4.83
Average Rating



8. Any comments?

57
Responses

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

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

A word cloud of feedback comments for the 'Good' response. The words are in various shades of teal and blue, with 'Good' being the largest and most prominent. Other words include 'session was very useful', 'web application', 'application and the tea', 'class was very helpful', 'clear', 'day class', 'Nice experience', 'interesting', 'useful', 'Learn about JSP', 'course', 'Good Teaching', 'system resources', 'class is good', '3rd day', 'helpfull', and 'learned'.

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

59

Responses

00:33

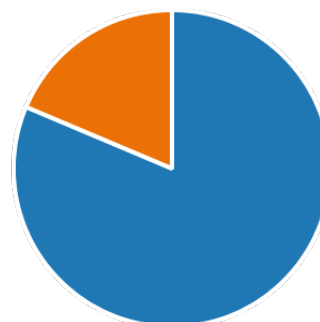
Average time to complete

Active

Status

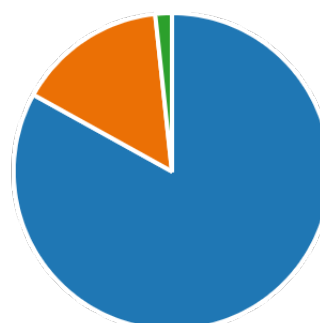
1. The objective of the day 4 value added course was met.

● Strongly Agree	48
● Agree	11
● Neutral	0
● Disagree	0
● Strongly disagree	0



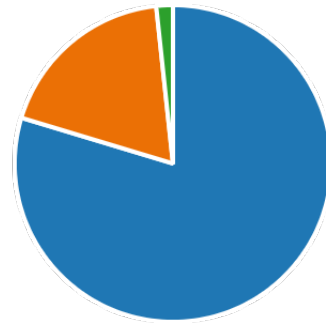
2. The program sequence was well planned.

● Strongly Agree	49
● Agree	9
● Neutral	1
● Disagree	0
● Strongly disagree	0



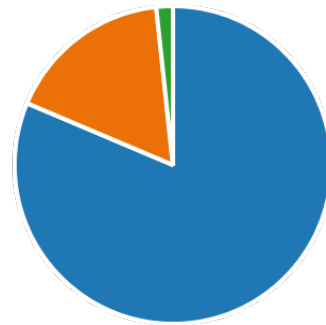
3. The lectures were clear and easy to understand.

● Strongly Agree	47
● Agree	11
● Neutral	1
● Disagree	0
● Strongly disagree	0



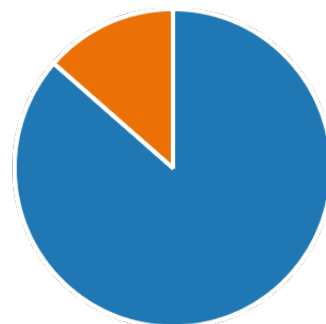
4. The instructors encouraged the interaction.

● Strongly Agree	48
● Agree	10
● Neutral	1
● Disagree	0
● Strongly disagree	0



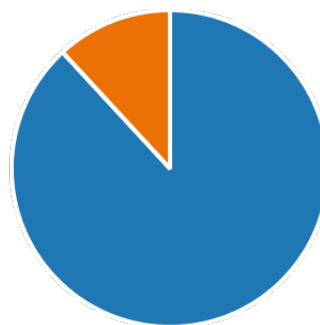
5. The information presented in this VAC was highly beneficial.

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



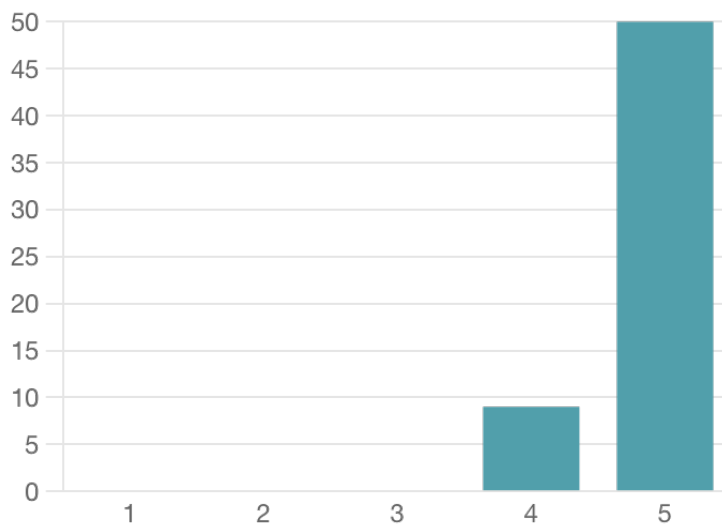
6. Well organized VAC course.

Strongly Agree	52
Agree	7
Neutral	0
Disagree	0
Strongly disagree	0



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.



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

60

Responses

01:22

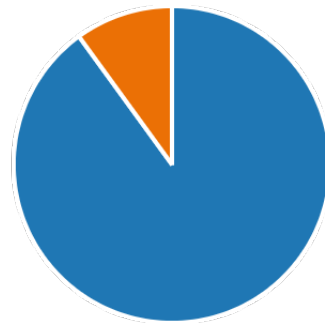
Average time to complete

Active

Status

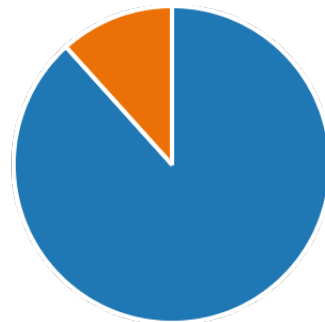
1. The objective of the day 5 value added course was met.

● Strongly Agree	54
● Agree	6
● Neutral	0
● Disagree	0
● Strongly disagree	0



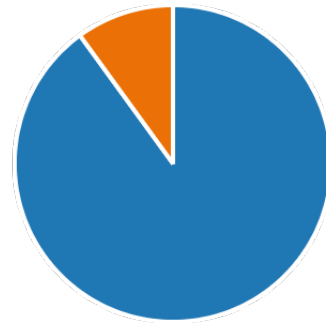
2. The program sequence was well planned.

● Strongly Agree	53
● Agree	7
● Neutral	0
● Disagree	0
● Strongly disagree	0



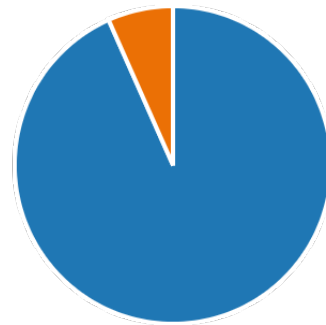
3. The lectures were clear and easy to understand.

● Strongly Agree	54
● Agree	6
● Neutral	0
● Disagree	0
● Strongly disagree	0



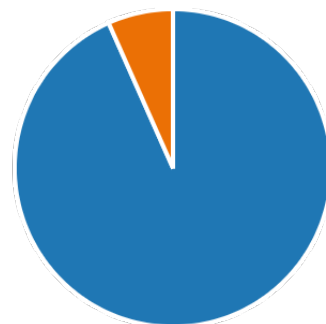
4. The instructors encouraged the interaction.

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



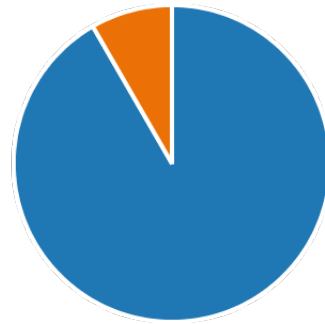
5. The information presented in this VAC was highly beneficial.

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



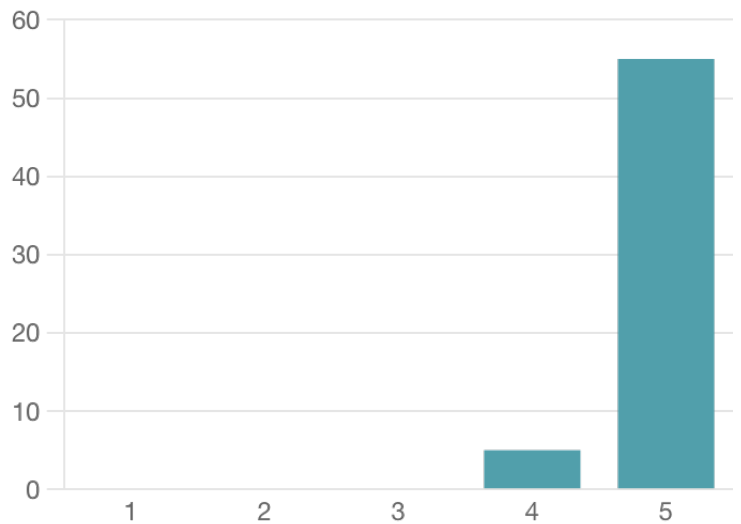
6. Well organized VAC course.

Strongly Agree	55
Agree	5
Neutral	0
Disagree	0
Strongly disagree	0



7. Overall Rating

4.92
Average Rating



8. Any comments?

59
Responses

Latest Responses

- "Good"
- "Course is useful"
- "very nice"

[Update](#)

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





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Department of Information Technology

1713 . 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”

Day 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.

Day 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
 5. Class connection
- 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.

[Signature]
19/01/23
VAC co-ordinator

[Signature]
19/1/23
HOD/IT



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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



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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