Department of Information Science and Engineering

Ref. No. JNNCE/ISE/44/21-22.   Date: 12-07-2020

To,

The HOD,
Dept. of ISE,
GMIT, Davangere.

Dear Sir,

Sub : Deputing expert to conduct workshop on Java Servlets and JDBC

We have offered Advanced Java and J2EE as elective for the 6th Sem ISE, In this regard we wanted to provided hands-on session on Servlets, JSP and JDBC, so that they will learn installation of required software, development and deployment of Java application.

In the regard, we request you depute experts to conduct online workshop.

Thanks and regards

Workshop Coordinator

Pradeep H K

12/7/21

HOD, ISE, JNNCE

Professor and Head
Dept. of Information Science & Eng.
J.N.N. College of Engineering
SHIMOGA-577 204
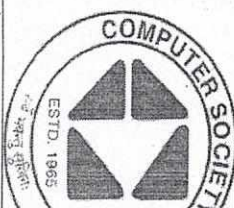
Jawaharlal Nehru National College of Engineering

Shivamogga, Karnataka, India

Department of Information Science and Engineering
In association with CSI, Student Chapter, JNNCE
Organizes a Webinar on

"Database connectivity using Servlets and JSP"

Objective

To understand database connectivity and build a web application using java servlets, java server pages.

Target Audience

Students of ISE, CSE, MCA

Registration Link: https://forms.gle/SEySGfLDctHRWU046

15th July 2021	**Mode of Conduction:**
at 3pm	**Microsoft Team's**
	https://bit.ly/3yWyGaY

Mr. Keerthi Prasad G
Assistant Professor
Dept. of Information Science & Engineering,
GMIT, Davangere

Mr. Naveen R C M
Assistant Professor
Dept. of Information Science & Engineering
GMIT, Davangere

Co-ordinator: Mr. Pradeep H K, Mrs. Sathyashree K R, Mr. Girish Nerkeha, Mr. Sharath Kumar S R

Mr. Keerthi Prasad G
Assistant Professor
Dept. of Information Science & Engineering,
GMIT, Davangere

Dr. R Sanjeev Kunte
Professor and Head, Department of ISE

Dr. Rajath Hegde
Dean - Infrastructure

Dr. Manjunatha P
Principal

Phone: 08182 – 268800   www.jnnce.ac.in   Fax 08182 – 222750

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J N N College of Engineering, Shivamogga

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UG Programs: CE, ME, EEE, ECE, CSE, ISE, TCE accredited by NBA: 1.7.2019 to 30.6.2022,
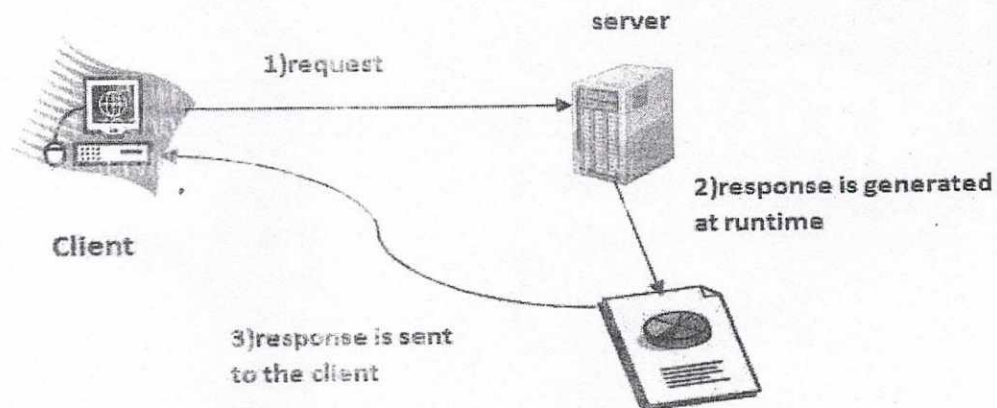Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

Department of Information Science and Engineering

An event report on
Webinar - "Database Connectivity using Java Servlets and JSP Pages"

The department organized a webinar on "Database Connectivity using Java Servlets and JSP Pages" which was conducted on 15th July 2021 from 2:45 pm to 05:30 pm using Microsoft Teams meet platform. Mr. Keerthi Prasad G, Assistant Professor, Department of Information Science & Engineering, GMIT, Davangere, Mrs. Asha K, Assistant Professor, Department of Information Science & Engineering, GMIT, Davangere, and Mr. Naveen R C M, Assistant Professor, Department of Information Science & Engineering, GMIT, Davangere, delivered the talk on the topic. There were more than 55 participants who actively participated and made it a grand success.

The main goal of this webinar is to get an handsout experience on servlets, jsp and database connectivity. The session was focused on building a Web application related to :

1. **Java Servlets: Servlet** technology is used to create a web application (resides at server side and generates a dynamic web page). **Servlet** technology is robust and scalable because of java language. Before Servlet, CGI (Common Gateway Interface) scripting language was common as a server-side programming language.

2. **Java Server Pages: JSP** technology is used to create web application just like Servlet technology. It can be thought of as an extension to Servlet because it provides more functionality than servlet such as expression language, JSTL, etc. A JSP page consists of HTML tags and JSP tags. The JSP pages are easier to maintain than Servlet because we can separate designing and development. It provides some additional features such as Expression Language, Custom Tags, etc.
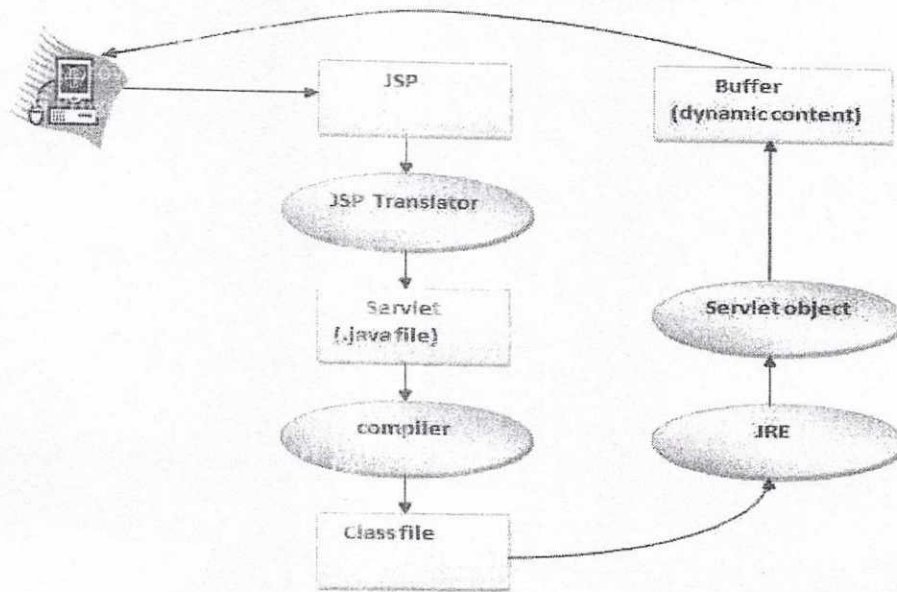
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Department of Information Science and Engineering

JSP page is translated into Servlet by the help of JSP translator. The JSP translator is a part of the web server which is responsible for translating the JSP page into Servlet. After that, Servlet page is compiled by the compiler and gets converted into the class file. Moreover, all the processes that happen in Servlet are performed on JSP later like initialization, committing response to the browser and destroy.

3. MySQL server is a open-source relational database management system which is a major support for web based applications. Databases and related tables are the main component of many websites and applications as the data is stored and exchanged over the web. For all these reasons, MySQL server becomes the default choice for web applications. Followed by demonstration and usage of a Eclipse IDE has been delivered in the talk. Eclipse IDE is a free, open source, integrated development environment (IDE) that enables you to develop desktop, mobile and web applications. The IDE runs on Windows, Linux, Mac OS X, and other UNIX-based systems.

Finally the session ended with building a Simple Application using Java Servlets and JSP for business-logic and connectivity with MySQL open source RDBMS server has been demonstrated using Eclipse IDE. Few documents related to Webinar has been attached.

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Department of Information Science and Engineering

Coordinators:

1. Mr. Pradeep H K

2. Mr. Sharath Kumar S R

3. Mr. Girish Mantha

4. Mr. Sathyanarayana K B

HOD
Professor and Head
Dept. of Information Science & Eng.
J.N.N. College of Engineering
SHIMOGA-577 204

4

Ref: No. JNNCE/ISE/46/2020-22

Letter of Appreciation

20-07-2021

To,

Mr. Keerthi Prasad G,

Assistant Professor,

Department of Information Science & Engineering,

GMIT, Davangere.

Dear Sir,

We would like to take this opportunity to express our heartfelt thanks to you for your active participation as a resource person in the webinar conducted at Department of ISE, J N N College of Engineering, Shivamogga on 15/07/2021.

You have shared your knowledge about the topic **'Java Servlets'** with your skills and expertise. Your effort in making our students understand the concepts of Java Servlets and it's usage is highly appreciated. We look forward to your continued support in future.

Coordinators:

1. Mr. Pradeep H K
2. Mr. Girish Mantha

Yours Truly,

HOD, ISE

Professor and Head
Dept. of Information Science & Eng.
J.N.N College of Engineering
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Department of Information Science and Engineering

Ref: No. JNNCE/ISE/ 49 / 2021-22   Date: 20-07-2021

To,

The HOD,
Dept. of ISE
GMIT, Davanagere

Dear Sir,

Greetings from ISE, JNNCE, Shivamogga.

Workshop on "Database connectivity using Servlets and JSP" was conducted successfully on 15-07-2021. 35 to 40 students had participated in the workshop. Students appreciated the resource persons effort and they got the clarity of using Servlets, JSP and connecting to the Database object.

Mr. Keerthi Prasad G, demonstrated examples on servelet, dispatcher and Session. Student appreciated examples on dispatcher and session.

Mrs. Asha K, demonstrated effective examples on JSP with random numbers, date, Math functions etc.

Mr. Naveen RCM, demonstrated two and three tire architecture with diagram in an excellent way. It is impossible to cover JDBC in an hour, but he created curiosity in them to explore further.

We appreciate their expertise and effort in conduction of workshop.

On behalf of ISE Dept, we wholeheartedly thank you for deputing the faculty as resource persons for the workshop.

We look forward to working with you in the future.

Regards.

Coordinator

Pradeep H K

PRADEEP H K
Associate Professor
Department of I.S. & E
J N N College of Engineering
SHIVAMOGGA-577 204

HoD, ISE   20/9/24

Professor and Head
Dept. of Information Science & Eng.
J.N.N. College of Engineering
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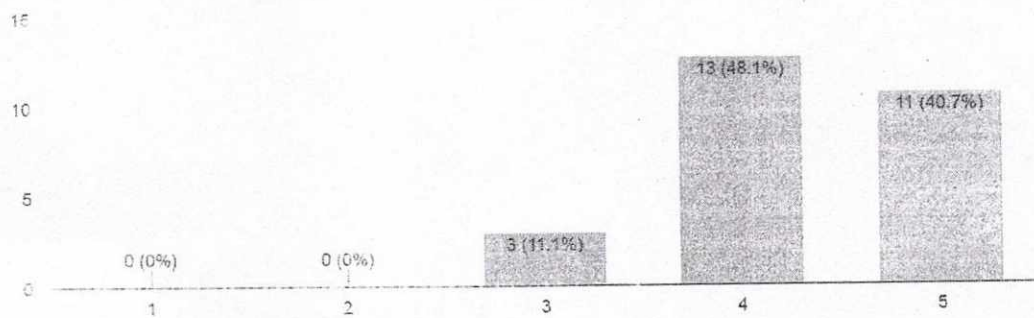## Department of Information Science and Engineering

Date: 15-07-2021

Feedback for Webinar "Database Connectivity on Java Servlets and JSP pages"

1. How Well the webinar was organised
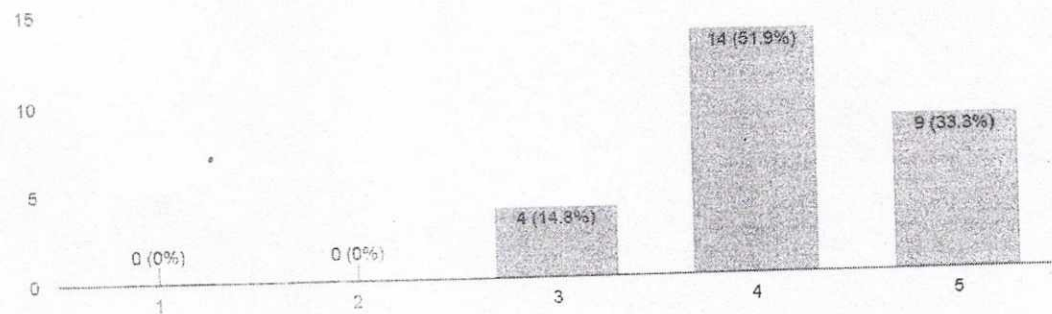
How well the webinar was organised

27 responses

2. The content and delivery of the webinar met your expectation

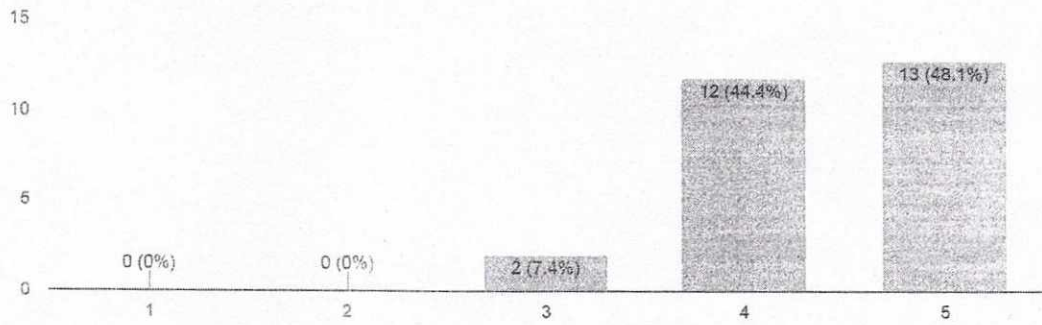The Content and delivery of the webinar met your expectation

27 responses

www.jnnce.ac.in

hod_ise@jnnce.ac.in

3. Talk enhanced Technical Kenowledge in the specified area

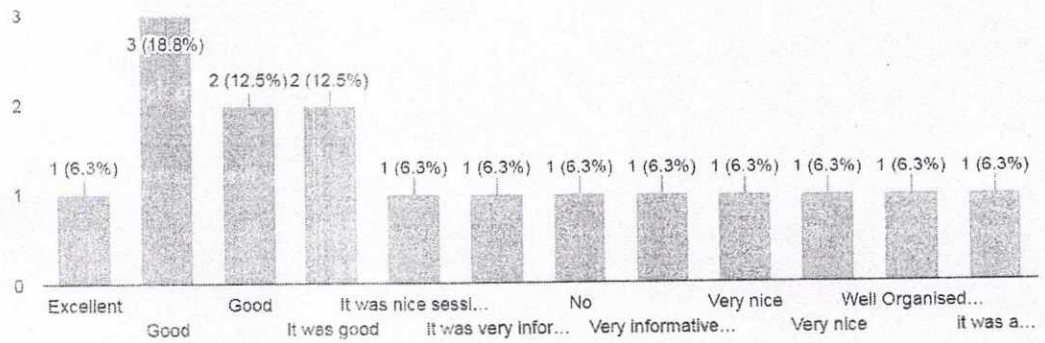Talk enhanced Technical Knowledge in the specified area

27 responses

4. Overall Feedback of the webinar

Overall Feedback of the webinar

16 responses

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Information Science and Engineering

In Association with

Webinar on *"Database connectivity using Java Servlets and JSP pages"*

This is to certify that Dr./Mr./Ms. Shishira S Jois of JNN College of Engineering, Shivamogga has

successfully attended Webinar on

"Database connectivity using Java Servlets and JSP pages" , organised by Department of Information Science and

Engineering, JNN College of Engineering, Shivamogga, Karnataka, in association with Computer Society of

India(CSI) conducted on 15-07-2021.

Dr. Sanjeev Kunte R
HoD, ISE

Dr. Manjunatha P
Principal

Department of Information Science and Engineering

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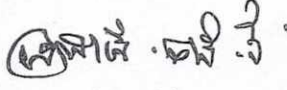
Letter of Appreciation

20-07-2021

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Assistant Professor,

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You have shared your knowledge about the topic **'Java Servlets'** with your skills and expertise. Your effort in making our students understand the concepts of Java Servlets and it's usage is highly appreciated. We look forward to your continued support in future.

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1. Mr. Pradeep H K

2. Mr. Girish Mantha

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12/7/21

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SHIMOGA-577 204

Department of Information Science and Engineering

Rf No. JNNCE/ISE/48/2021-22

<u>Letter of Appreciation</u>

20-07-2021

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Mr. Naveen R C M,

Assistant Professor,

Department of Information Science & Engineering,

GMIT, Davangere.

Dear Sir,

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You have shared your knowledge about the topic 'Java Database Connectivity(JDBC)' with your skills and expertise. Your effort in making our students understand the concepts of JDBC and it's usage is highly appreciated. We look forward to your continued support in future.

Coordinators:

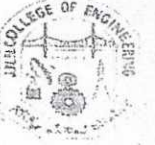1. Mr. Pradeep H K

2. Mr. Sharath Kumar S R

Yours Truly,

20/7/2

HOD, ISE

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SHIMOGA 577 204

Department of Information Science and Engineering

Rf. No. JNNCE/ISE/47/2021-22

Letter of Appreciation

20-07-2021

To,

Mrs. Asha K,

Assistant Professor,

Department of Information Science & Engineering,
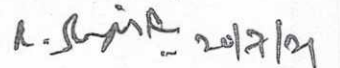
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