



NEW HORIZON COLLEGE OF ENGINEERING

Guest Talk
on
Building Dynamic Web Applications
with Servlet and JSP
Organized by
Department of MCA

Date: 28-06-2025

Venue: B304

Brief Description of the Event

A guest talk on "Building Dynamic Web Applications with Servlet and JSP" was organized to provide students with practical insights into web development using Java technologies. The session covered the fundamentals of Servlets and JSP, highlighting their role in creating interactive and responsive web applications. The speaker shared real-world examples, development workflows, and deployment strategies.

Attendees gained an understanding of MVC architecture and server-side scripting. The event concluded with a Q&A session, allowing participants to clarify doubts, and discuss their miniprojects on which they were working.

Topics Emphasized

1. Servlet Fundamentals

The session covered how Servlets process client requests and responses, along with their lifecycle and deployment. Real-time examples illustrated their role in dynamic web application development.

2. JSP (JavaServer Pages)

Attendees were introduced to JSP for embedding Java code into HTML to generate dynamic content. The use of directives, scriptlets, and expressions was demonstrated for interactive web pages.

3. Database Connectivity and Live Project Demonstration

The speaker demonstrated how to connect web applications to a MySQL database using JDBC in both Servlets and JSP. A live mini-project was showcased, where data was fetched and displayed from the database through a simple user interface.

Key Takeaways

- Gained a clear understanding of how Servlets and JSP work together to build dynamic web applications.
- Learned how to establish database connectivity using JDBC with Servlets and JSP.
- Understood the MVC architecture and its application in real-time projects.
- Observed a live demonstration of a web application with database interaction, enhancing practical knowledge.

Activities Conducted

1. Live Demonstration

The speaker presented a live demonstration of a dynamic web application built using Servlet, JSP, and JDBC. The demo showcased user interaction, data retrieval from a database, and real-time web functionality, giving students a practical understanding of core concepts.

2. Student Mini-Project Presentations

Students shared their ongoing mini-projects developed using Java web technologies. They explained their project objectives, architecture, and implementation, and received constructive feedback and suggestions for further improvement from the expert.

3. Q&A Session

The session concluded with an interactive question-and-answer round. Students clarified their doubts related to Servlet, JSP, database integration, and project development, gaining deeper insights and guidance on enhancing their skills.

No of Participants: 50

Winners (if any, for activities conducted): N/A

Guest Details: Ms. Bhoomika S
Solution Engineer
TestSigma, Bangalore

Photographs of the Event



Poster

**NEW HORIZON**
COLLEGE OF ENGINEERING

Department of Master of Computer Applications

Guest Lecture

**Building Dynamic Web Applications
with Servlet and JSP**

 **28th June 2025**

 **02:00 PM - 04:00 PM**

 **MCA Lab 2**





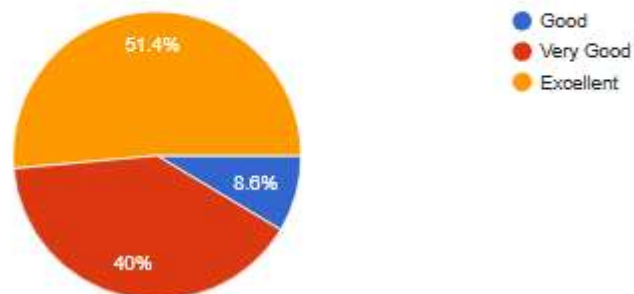
Bhoomika S
Solution Engineer
Test Sigma

Faculty Coordinator
Prof. J Sathya
Senior Assistant Professor - MCA

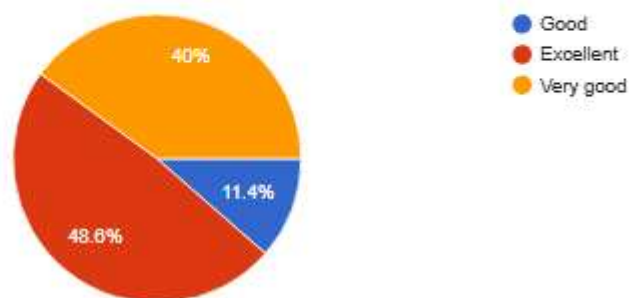
Convenor
Dr. V Asha
Professor and HoD - MCA

Feedback Analysis

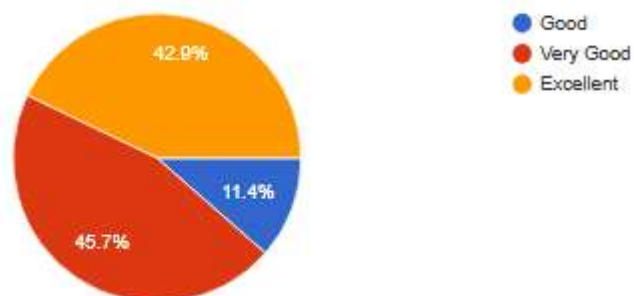
How would you rate the overall effectiveness of the guest lecture on "Building Dynamic Web Applications with Servlet and JSP"?



How would you rate the speaker's knowledge and clarity in explaining Servlet and JSP concepts?



How useful was the session in enhancing your understanding of dynamic web application development?



Attendance



NEW HORIZON
COLLEGE OF ENGINEERING
Autonomous College Permanently Affiliated to VTU. Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GUEST LECTURE – BUILDING DYNAMIC WEB APPLICATIONS WITH SERVLET AND JSP

A.Y. 2024-25

RESOURCE PERSON: MS. Bhoomika, Solution Engineer, Test Sigma, Bangalore

VENUE: MCA Lab2

DATE: 28-06-2025

TIME: 02.00 PM to 04:00 PM

FACULTY COORDINATOR: **MS** J Sathya

CONVENOR: Dr. V Asha

Serial No.	USN	NAME	SIGNATURE
1	INH24MC119	Sonuth Bibin B	
2	INH24MC186	Venkatesh . R	
3	INH24MC062	Lavanya K. L	
4	INH24MC054	Krishna A	
5	INH24MC123	Shreyas Jyoti	
6	INH24MC163	Zubair Alam	
7	INH24MC081	Randa Kishore BM	
8	INH24MC086	Neel Johnson	
9	INH24MC072	Manjunathgoud MP	
10	INH24MC112	Sahil Rajesh	
11	INH24MC107	Ranjitha	

12	INH24MC092	Nischitha K N	<u>Nishu</u>
13	INH24MC114	Sakshi Saha	<u>Sakshi</u>
14	INH24MC089	Nikhitha G.S	<u>Nishi</u>
15	INH24MC104	R. Manogna	<u>R. Manogna</u>
16	INH24MC085	Naymin B	<u>S. Naymin</u>
17	INH24MC097	Poorvi R.	<u>P R</u>
18	INH24MC020	Arpita Kumari	<u>Arpita</u>
19	INH24MC061	K. Harshitha	<u>K. Harshitha</u>
20	INH24MC154	Venu J	<u>Venu</u>
21	INH24MC121	Sarv Reddy Gound ^{Pallab}	<u>Sarv Reddy</u>
22	INH24MC145	TEJAS K M	<u>Tej</u>
23	INH24MC118	Santhosh N.	<u>Santhosh N.</u>
24	INH24MC107	RAVISHANKAR	<u>Ravi</u>
25	INH24MC087	Nidhish Mishra	<u>Nidhi</u>
26	INH24MC124	Shashank M. Aradhye	<u>Shashank M.</u>
27	INH24MC120	SATHISH M	<u>Sathish M</u>
28	INH24MC082	Narendra Singh	<u>N</u>
29	INH24MC101	Pavithra B.S	<u>Pav</u>

SERIAL NO	USN NO	NAME	SIGNATURES
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31	INH24MC057	Keerthana. G.R	<i>[Signature]</i>
32	INH24MC056	Kavya Gm	<i>[Signature]</i>
34	INH24MC098	Prajwal B	<i>[Signature]</i>
35	INH24MC064	M.N. Varshavathi Kumari	<i>[Signature]</i>
36	INH24MC070	Mahabal Saijdy Khanamavar	<i>[Signature]</i>
37	INH24MC073	Manoj. G. L	<i>[Signature]</i>
38	INH24MC069	Madhukumar	<i>[Signature]</i>
39	INH24MC109	Rishab Roy	<i>[Signature]</i>
40	INH24MC111	Sarthak Kulkarni	<i>[Signature]</i>
41	INH24MC083	Deepamana Reddy	<i>[Signature]</i>
42	INH24MC096	PIYUSH	<i>[Signature]</i>
43	INH24MC065	M. Prajwal	<i>[Signature]</i>
44	INH24MC058	KIRAN. R	<i>[Signature]</i>
45	INH24MC091	Nishiketh M.V	<i>[Signature]</i>
46	INH24MC074	Meenakshi J. H	<i>[Signature]</i>
47	INH24MC003	Achal. K	<i>[Signature]</i>
48	INH24MC027	B. Vanshitha	<i>[Signature]</i>
49	INH24MC028	Beautty Nannan	<i>[Signature]</i>
50	INH24MC031	Bharani Shukla	<i>[Signature]</i>

