

**A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN (A)**

**Affiliated to Adikavi Nannaya University  
Jagannaickpur, Kakinada.**

**DEPARTMENT OF COMPUTER SCIENCE**



**Invited Lecture**

**2023-2024**

**A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN (A)**

**Affiliated to Adikavi Nannaya University**

**Jagannaickpur, Kakinada.**

## **DEPARTMENT OF COMPUTER SCIENCE**



**2023- 2024**

### **INVITED LECTURE**

*By*

**T. Soma Sekhar**  
**Heramba IT Solutions,**  
**Kakinada**

Date : 07-10-2023

**Topic : *Web Development Technologies***

*Conducted by*

**N.Naga subrahmanyeswari,**

LECTURER IN COMPUTER SCIENCE



# A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN (A)

Affiliated to Adikavi Nannaya University

Jagannaickpur, Kakinada.

## DEPARTMENT OF COMPUTER SCIENCE

### Activity Register 2023-2024

|  |  |
|--|--|
| Date   | 07-10-2023   |
| Conducted through<br>(DRC/JKC/ELF/NCC/NSS/<br>Departments etc.)  | Department of Computer Science & Computer<br>Applications  |
| Nature of Activity<br>(Seminar/Workshop/Extn.<br>Lecture etc.,)  | Invited Lecture  |
| Title of the Activity  | <b>Web Development Technologies</b>  |
| Name of the<br>Department/Committee                              | Computer Science   |
| Details of Resource Persons<br>( Name , Designation etc.,)       | T.Soma Sekhar,<br>Hermba IT Solutions,<br>Kakinada   |
| No. of Faculty participated                                      | 15   |
| Brief Report on the activity                                     | To enable the faculty acquire basic knowledge<br>about Web Development Technologies.   |
| Name of the Lecturers who<br>Planned & conducted the<br>activity | N.Naga Subrahmanyeswari,<br>Lecturer in Computer Science   |
| Signature of the Dept.In-Charge/<br>Convener of the Committee    | <br>IN-CHARGE<br>DEPT OF COMPUTER SCIENCE<br>A.S.D.GOV'T DEGREE COLLEGE (W/AUTONOMOUS)<br>KAKINADA |
| Signature of the Principal                                       | <br>PRINCIPAL<br>A.S.D.GOV'T DEGREE COLLEGE (W/A)<br>AUTONOMOUS<br>KAKINADA                        |
| Remarks  |  |

# **PERMISSION LETTER**

**Kakinada,  
Date: 03-10-2023.**

**To,**  
Dr. V.Anantha Lakshmi,  
Principal,  
A.S.D. Govt. Degree College for Women (A),  
Kakinada.

**From,**  
N.Naga Subrahmanyeswari,  
Incharge - Department of Computer Science & Computer Applications,  
A.S.D. Govt. Degree College for Women (A),  
Kakinada.

**Sub:** Request to organize Invited Lecture on “Web Development Technologies” for faculty on 07-10-2023 -Reg.

Respected Madam,

The Department of Computer Science wishes to organize an Invited Lecture on “Web Development Technologies” for faculty on 07-10-2023, and the Resource Person is Mr.T.Somasekhar from Heramba IT Solutions. This activity shall enhance the knowledge of the faculty on basic Web Development Technologies. Kindly do the needful.

Thanking you, Madam.

Yours faithfully,

*N.N.S. Eswari*  
INCHARGE  
DEPT OF COMPUTER SCIENCE  
ASD GOVT DEGREE COLLEGE (W) AUTONOMOUS  
KAKINADA

# A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN (A)

Affiliated to Adikavi Nannaya University

Jagannaickpur, Kakinada.

## DEPARTMENT OF COMPUTER SCIENCE

### CIRCULAR



Date: 05-10-2023

The Department of computer Science wishes to organize an Invited Lecture on “Web Development Technologies” on 07-10-2023 in RB IV for all the college faculty to acquire basic knowledge about Web Development Technologies and enhance their skills to upload the files in their concerned pages of the College website.

*N.N.S. Eswari*  
IN-CHARGE  
DEPT. OF COMPUTER SCIENCE  
ASD GOVT DEGREE COLLEGE (AUTONOMOUS)  
KAKINADA

**In-Charge of the Department**

*V. N. S.*  
PRINCIPAL  
A.S.D.GOV.T.DEGREE COLLEGE (AUTONOMOUS)  
KAKINADA  
**Principal**

# A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN (A)

Affiliated to Adikavi Nannaya University  
Jagannaickpur, Kakinada.

## DEPARTMENT OF COMPUTER SCIENCE

### Invited Lecture



**NAME OF THE GUEST** : T.Soma Sekhar  
Heramba IT Solutions,  
Kakinada.

**TOPIC** : *Web Development Technologies*

**DATE** : 07-10-2023

**VENUE** : RB IV

N.N.S. Eswari  
IN-CHARGE  
DEPT OF COMPUTER SCIENCE  
ASD GOVT DEGREE COLLEGE (AUTONOMOUS)  
KAKINADA

IN-CHARGE OF THE DEPARTMENT

# **A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN (A)**

**Affiliated to Adikavi Nannaya University**

**Jagannaickpur, Kakinada.**

## **DEPARTMENT OF COMPUTER SCIENCE**

**Name of the Activity: Invited Lecture on “Web Development Technologies”**

**Date: 07-10-2023**

**Venue: RB IV**

### **List of faculty who attended the lecture**

| <b>S.No.</b> | <b>Name of the Faculty</b> | <b>Designation</b>       |
|--------------|----------------------------|--------------------------|
| 1            | Dr P Sanjotha              | Lecturer in English      |
| 2            | Dr. P.Santhi               | Lecturer in English      |
| 3            | Dr. D.Krishna Gayathri     | Lecturer in Telugu       |
| 4            | Dr.P.Naga Mallika          | Lecturer in Telugu       |
| 5            | Dr.K.Syamala Devi          | Lecturer in Telugu       |
| 6            | A.Swathi                   | Lecturer in Hindi        |
| 7            | R.R.D.Sirisha              | Lecturer in Commerce     |
| 8            | N.P.V.Lakshmi Devi         | Lecturer in Commerce     |
| 9            | Dr.G.Sowjanya              | Lecturer in Commerce     |
| 10           | Dr.K.Yamuna                | Lecturer in Economics    |
| 11           | G.Pavani Devi              | Lecturer in Economics    |
| 12           | Y.Sita maha Lakshmi        | Lecturer in History      |
| 13           | D.Jayasree                 | Lecturer in Microbiology |
| 14           | B.Suryanarayana Devara     | Lecturer in Physics      |



|    |                       |                             |
|----|-----------------------|-----------------------------|
| 15 | Dr.K.Anitha           | Lecturer in Chemistry       |
| 16 | Dr.K.Jhansi Lakshmi   | Lecturer in Chemistry       |
| 17 | P.Leena               | Lecturer in Chemistry       |
| 18 | M.Vasantha Lakshmi    | Lecturer in Zoology         |
| 19 | S.Madhavi             | Lecturer in Zoology         |
| 20 | K.N.V.S.N.Eswari      | Lecturer in Botany          |
| 21 | Dr.M.Sulakshana       | Lecturer in Botany          |
| 22 | M.Suvarchala          | Lecturer in Home Science    |
| 23 | Dr.K.Lavanya          | Lecturer in Home Science    |
| 24 | Dr.G.Anitha           | Lecturer in Home Science    |
| 25 | Lt. Dr.G.Pramila Rani | Physical Director           |
| 26 | M.Subbalakshmi        | Lecturer in Chemistry – C/F |
| 27 | D.V.Surya Lakshmi     | Lecturer in Physics – C/F   |
| 28 | B.N.Pratyusha         | Lecturer in English – C/F   |
| 29 | K.N.B.Kumari          | Lecturer in Commerce – C/F  |
| 30 | K.Kranthi             | Lecturer in Physics – C/F   |

*N.N.S. Eswari*  
IN CHARGE  
DEPT OF COMPUTER SCIENCE  
A.S.D. GOVT. DEGREE COLLEGE (WOMEN)  
AUTONOMOUS  
KAKINADA

**In-Charge of the Department**

*V. N. S. Eswari*  
PRINCIPAL  
A.S.D. GOVT. DEGREE COLLEGE (WOMEN)  
AUTONOMOUS  
KAKINADA

**Principal**

# **A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN (A)**

**Affiliated to Adikavi Nannaya University**

**Jagannaickpur, Kakinada.**

## **DEPARTMENT OF COMPUTER SCIENCE**

### **Objective of the Invited Lecture**

- **To Update Knowledge:** To ensure faculty members are informed about the latest technologies, tools, and practices in web development, reflecting the current state of the industry and helping them stay relevant in a rapidly evolving field.
- **To Educate on Modern Technologies:** To provide an overview of contemporary web technologies, including front-end and back-end frameworks, development tools, and emerging trends. This knowledge aims to enhance the faculty's ability to update the content of their respective Departments in the Website.

### **Synopsis of the Activity**

The Resource Person T.Soma Sekhar stressed upon the importance of creating, building, and maintenance of websites. He explained about the process of communication between different devices via the Internet. To access web pages, a web browser is utilized. A web browser is a software application that enables the display of text, data, images, animation, and videos on the Internet. Here are a few key points expressed by him.

- **Global Reach:** The Internet and web technology allow businesses to reach a worldwide audience with their products and services.
- **Cost-Effective:** Web technology enables businesses to reduce costs by automating processes, improving efficiency, and reducing the need for physical infrastructure
- Any application has a frontend (user-facing) component and a backend (database and logic) component. The frontend contains the user interface and code related to user interactions with the application.
- Web development refers to the overall process of creating websites or web applications, including the project's design, layout, coding, content creation, and functionality.

- It involves using a combination of programming languages, tools, and frameworks to bring a website or web application to life

The lecture delved into current web technologies that are shaping the industry. Mr.T.Somasekhar discussed:

- **Front-End Technologies:** The importance of HTML5, CSS3, and JavaScript frameworks like React, Angular, and Vue.js. He explained how these technologies contribute to creating responsive and interactive user interfaces.
- **Back-End Technologies:** The use of server-side languages such as Node.js, Python (Django, Flask), Ruby on Rails, and PHP. Mr.Soma sekhar emphasized the need for robust server-side scripting to handle data processing and integration.
- **Web Development Tools:** An overview of development tools including version control systems like Git, integrated development environments (IDEs) such as Visual Studio Code, and the role of task runners like Webpack and Gulp in streamlining workflows.

The lecture on web development offered valuable insights into the current trends, technologies, and best practices in the field. The session equipped faculty members with knowledge that is crucial for understanding and updating the content of their Departments in the college Website. At the end of the lecture, Feedback was collected from the faculty.



**Mr.T.Somasekhar explaining about Web Development through Google Meet**



**Faculty listening to the speaker**

# **A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN (A)**

**Affiliated to Adikavi Nannaya University**

**Jagannaickpur, Kakinada.**

## **DEPARTMENT OF COMPUTER SCIENCE**

### **FEEDBACK ON THE INVITED LECTURE**

#### **Name of the Participant:**

1. How satisfied are you with the overall quality of the lecture?
  - A. Very Satisfied
  - B. Satisfied
  - C. Neutral
  - D. Unsatisfied
2. How likely are you to recommend this lecture to a colleague?
  - A. Very Likely
  - B. Likely
  - C. Neutral
  - D. Unlikely
3. How relevant was the content of the lecture to your professional needs?
  - A. Extremely Relevant
  - B. Very Relevant
  - C. Moderately Relevant
  - D. Slightly Relevant
4. Do you feel the lecture provided practical insights that you can apply to your professional practice?
  - A. Strongly Agree
  - B. Agree
  - C. Neutral
  - D. Disagree
5. Any additional comments or suggestions?

---

**Signature of the Participant**