



Innovative Teaching Practice: Seminars / Flipped Classroom

Faculty Name	N. Ranga Sree
Course Name	Web Technologies
Academic Year	2021-22
Class	IV/I SEM
Topic	Arrays

Objective of the Activity:

A seminar is a group meeting (either face-to-face or online) where a number of students participate at least as actively as the teacher, although the teacher may be responsible for the design of the group experience, such as choosing topics and assigning tasks to individual students.

Involves students studying learning materials at home, while class time is used for interactive, problem-solving activities.

Pre-Class Preparation:

When preparing for a seminar on **Arrays in Web Technologies**, it's important to focus not only on the basic array concepts in programming but also on how arrays are applied in the context of modern web development. Here's a detailed pre-class preparation guide to help you organize your seminar effectively.

In-Class Activity:

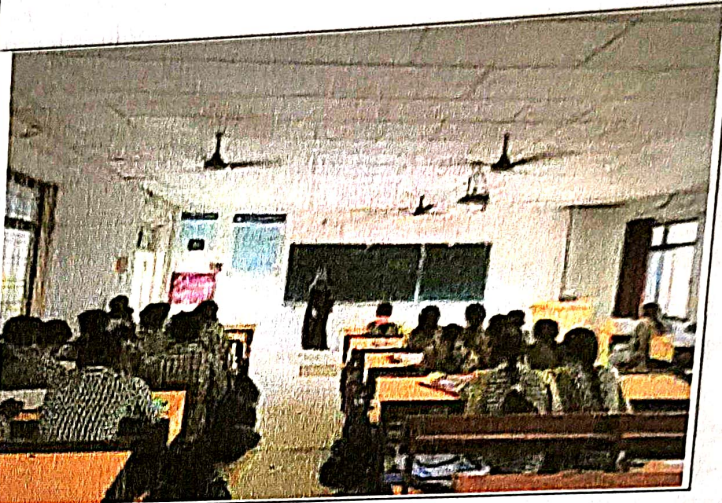
This in-class activity will help participants understand the practical applications of arrays in web technologies. The activity is designed to make students practice array manipulation, working with dynamic data in JavaScript, and integrating arrays with web applications. It will involve real-world scenarios where arrays are used, such as handling form data, working with APIs, and rendering dynamic content on web pages.

- To practice using arrays in web technologies (JavaScript) for dynamic content management.
- To enhance skills in manipulating and displaying data using arrays.
- To integrate arrays with HTML and CSS for real-time updates on a webpage.
- To understand the use of arrays in real-world web development scenarios (like APIs, forms, and state management)

Time Allotted for Activity:

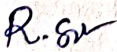
- Pre-class preparation: 50 Minutes
- In-Class Activity: 30 Minutes

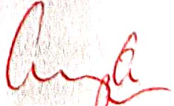
Images / Screenshot of the practice

Seminars on Class Room Activity	Screenshot of the practice
Activity on Seminars / Flipped Classroom	

Benefits of practice:

- **Better Understanding:** Group work helps students understand Arrays by sharing ideas and solving problems together.
- **Hands-On Learning:** Practical coding tasks make learning these concepts easy and practical.
- Improves understanding through active participation and discussion. Enhanced problem-solving and critical thinking skills


Signature of Faculty Member


HOD

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