

**MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA -8**  
**(Affiliated to Krishna University, Machilipatnam)**

**SYLLABUS**

**Subject: Computer Science**

**Semester: VI**

**Course Title: Practical - VII**

**Course Code: COMPC085**

**No of Hours: 30**

**Credits: 2**

**Objectives**

- To gain the PHP programming skills needed to successfully build interactive, data-driven sites.
- To create a PHP page which accepts string from user.

**Course Outcomes**

**CO1:** Solve common Web application tasks by writing PHP programs using classes, objects, date functions, time functions and regular expressions.

**CO2:** Write PHP scripts to handle HTML forms.

**CO3:** Construct programs based on files, directories and images.

**List of practicals:**

1. Create a PHP page using functions for comparing three integers and print the largest number.
2. Write a function to calculate the factorial of a number (non-negative integer). The function accept the number as an argument.
3. WAP to check whether the given number is prime or not.
4. Create a PHP page which accepts string from user. After submission that page displays the reverse of provided string.
5. Write a PHP function that checks if a string is all lower case.
6. Write a PHP script that checks whether a passed string is palindrome or not? A palindrome is word, phrase, or sequence that reads the same backward as forward, e.g., madam or nurses run)
7. WAP to sort an array.
8. Write a PHP script that removes the whitespaces from a string.
9. Write a PHP script that finds out the sum of first n odd numbers.
10. Write a PHP script that checks if a string contains another string.

11. Create a script to construct the following pattern, using nested for loop.

```
*  
* *  
* * *  
* * * *  
* * * * *
```

**Reference Books:**

1. Julie C. Meloni, PHP MySQL and Apache, SAMS Teach Yourself, Pearson Education (2007).
2. XueBai Michael Ekedahl, The Web Warrior Guide to Web Programming, Thomson (2006).