

JDNET TECHNOLOGIES

(ISO 9001:2015 CERTIFIED INSTITUTION)

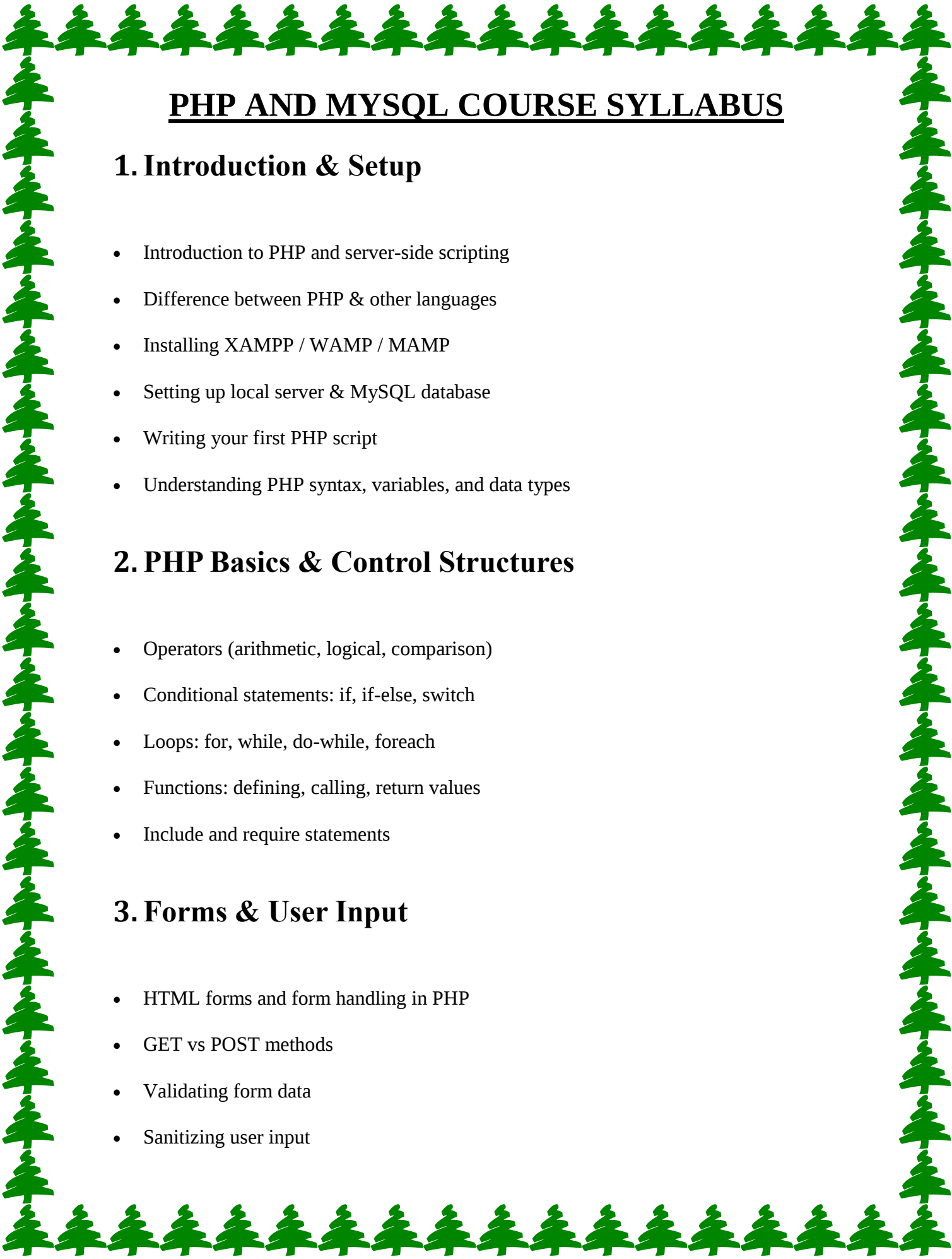
**NO:31, SUBBURAYA CHETTY STREET, THIRUPAPULIYUR,
CUDDALORE-2 (OPP DARLING ELECTRONICS).**

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PHP &MYSQL



TRAINING COURSES FOR ALL DEPARTMENTS



PHP AND MYSQL COURSE SYLLABUS

1. Introduction & Setup

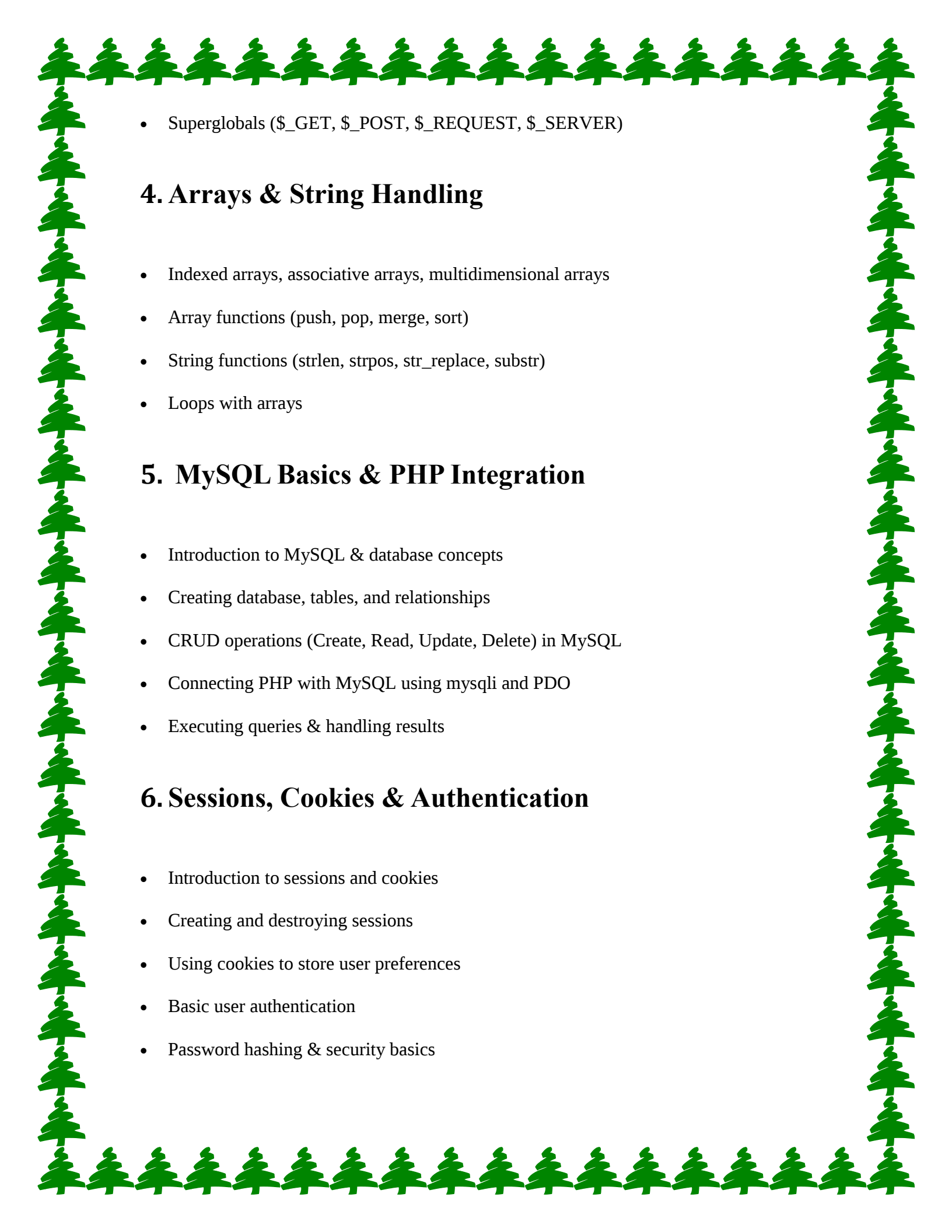
- Introduction to PHP and server-side scripting
- Difference between PHP & other languages
- Installing XAMPP / WAMP / MAMP
- Setting up local server & MySQL database
- Writing your first PHP script
- Understanding PHP syntax, variables, and data types

2. PHP Basics & Control Structures

- Operators (arithmetic, logical, comparison)
- Conditional statements: if, if-else, switch
- Loops: for, while, do-while, foreach
- Functions: defining, calling, return values
- Include and require statements

3. Forms & User Input

- HTML forms and form handling in PHP
- GET vs POST methods
- Validating form data
- Sanitizing user input

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- Superglobals (\$_GET, \$_POST, \$_REQUEST, \$_SERVER)

4. Arrays & String Handling

- Indexed arrays, associative arrays, multidimensional arrays
- Array functions (push, pop, merge, sort)
- String functions (strlen, strpos, str_replace, substr)
- Loops with arrays

5. MySQL Basics & PHP Integration

- Introduction to MySQL & database concepts
- Creating database, tables, and relationships
- CRUD operations (Create, Read, Update, Delete) in MySQL
- Connecting PHP with MySQL using mysqli and PDO
- Executing queries & handling results

6. Sessions, Cookies & Authentication

- Introduction to sessions and cookies
- Creating and destroying sessions
- Using cookies to store user preferences
- Basic user authentication
- Password hashing & security basics



Connect With Us

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