TOPIC'S TO BE COVERED IN PHP (64 Hrs)

- Basic PHP Syntax, Variables, Data Types, Strings & Constants

- Operators, Date and Time

- Conditional Statements & Switch Statement

- Loops (For,while, Do while, Foreach).

- PHP Functions (Mostly using)

- Arrays, (Single , Multidimensional , Associative Arrays)

- Sorting Arrays & Global Variables

- Form Handling (Including File browse option) and its Validation

- Include/require PHP Files and its purpose.

- Cookies

- Sessions

- Error Handling

- Class/Objects handling

- Design patterns (Types of design patterns)

- Solid principles and their Responsibilities.

We have to Focus on some Key points:  
1) Debugging(PHP Storm, Framework, Basic PHP Methods)  
2) Stack Log(Through Command, Basic PHP Methods)  
3) Logical Understanding & optimized Code  
4) Class & Function Building  
5) Proper Naming Conventions  
6) Exception Handling(Try & Catch)  
7) Form Validation & W3 validations.  
8) Reuse of Code.  
9) Solid Principles

TOPIC'S TO BE COVERED IN WORDPRESS (46 Hrs)

- Folder Structure

- Theme Development

- Hooks Concept: Actions and Filters

- Plugin Development

- Custom Post Type

- Custom Taxonomy/Category

- Database Table Structure

- Woo commerce Plugin: Products, Orders, Taxes, Shipping, Payment Methods, Cart/Checkout page, Customizing Product/Category Listing page, Customizing PDP page.

Wordpress Imp Topics:  
1. Plugin development  
2. Theme Customization (Child Theme)  
3. Override Plugin  
4. Wordpress Override   
5. How Hooks & Action Work  
6. Woo Commerce (deeply)  
7. Template file Creation  
8. Woo Commerce override  
9. Mail Functionality  
10, Plugin thorugh DB update, Delete and Insert  
11. Data Tables in WP  
12. Wordpress Components   
13. Shortcode Creation  
14. wordpress Pre defined functions

REFRENCE LINKS For PHP Study :

- <http://www.php.net/>

- <https://www.w3schools.com/php/>

- <https://www.learn-php.org/>

REFRENCE LINKS For Wordpress Study :

- <https://codex.wordpress.org/>

- <https://www.tutorialspoint.com/wordpress/> (WP Backend Study)