

- Introduction to PHP
- Importance of PHP
- Web Architecture, Web Server
- Install & Configure
  - PHP, Apache, MySQL
  - LAMP, WAMP, XAMPP, MAMP
- Data types, Variables, Operators
- Tags, Comments
- PHP.ini settings
- Constants - Magic, Pre/User defined
- Conditional Statements
  - If, If/else if/else, Switch
- Loops - While, Do..while, For
- Functions
  - Passing Arguments by Value
  - Passing Arguments by Reference
  - Recursive / String functions
  - Include & Require statements
  - Date, Time, Math
- Arrays, Types of arrays
- Array functions
- PHP Forms, Form submit
- Get & Post methods

## ADVANCED PHP

- Regular Expressions (Validations)
  - Textboxes, Email, Password
  - Date, Phone, Zipcodes
  - Custom regular expressions
- Sessions, Variables, Session ID
  - Create/Retrieve/Destroy session
- Cookies, Types of Cookies
  - Create/Retrieve/Delete cookies
- Exception Handling
  - Try, Throw, Catch
- CRUD - Create/Read/Update/Delete
- Upload/View/Download files
- Pagination
- User Registration • Send Emails
- Authenticate users with PHP/HTTP
- Introduction to Web Services



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# 301, Annapurna Block,  
Aditya Enclave, Ameerpet,  
Hyderabad – 500016  
**Ph:+91 7671043906**  
<https://www.apectraining.com/>



Ph:+91 7671043906, 040-66626212, 66786212