SMARTBTR FOUNDATION
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SMARTBTR INSTITUTE OF TECHNOLOGY INTERNATIONAL

GOSSAIGAON, KOKRAJHAR BTR ASSAM

📞 +91-8472843238

Course Title : Advanced Web Development with PHP and MySQL

Course Duration: 5 months

Course Fees: INR. 7,500.

Eligibility: 12th Pass and above

Prerequisites:

- Basic understanding of HTML, CSS, and JavaScript is recommended but not required.
- Basic Mathematics is required.

Topic 1-2: Introduction to Web Development

- Session 1: Introduction to web development and PHP
- Session 2: Setting up a development environment
- Session 3: Basic HTML and CSS

Topic 3-4: PHP Fundamentals

- Session 4: Introduction to PHP
- Session 5: Variables, data types, and operators in PHP
- Session 6: Control structures and loops in PHP
- Session 7: Functions and includes in PHP

Topic 5-6: MySQL Database Management

- Session 8: Introduction to MySQL and relational databases
- Session 9: Creating and managing databases and tables
- Session 10: MySQL queries and CRUD operations
- Session 11: Data validation and security

Topic 7-8: PHP and MySQL Integration

- Session 12: Connecting PHP to MySQL
- Session 13: Retrieving and displaying data from a database
- Session 14: Updating and deleting database records
- Session 15: Error handling and debugging

Topic 9-10: Working with Forms and User Authentication

- Session 16: HTML forms and form handling with PHP
- Session 17: User registration and login systems
- Session 18: Session management and user authentication

Topic 11-12: Integrating with Front-End Technologies

- Session 19: Introduction to JavaScript and AJAX
- Session 20: Creating dynamic web pages with JavaScript
- Session 21: Introduction to front-end frameworks (e.g., Bootstrap)
- Session 22: Integrating PHP, MySQL, and JavaScript for interactivity

Topic 13-14: Final Project

- Session 23: Project requirements and planning
- Session 24-36: Project development, guidance, and troubleshooting

Assessment:

- Final Exam for evaluation and certification

Testing and Certification

- Weekly Q&As to assess understanding .
- Final project presentation and submission

Resources:

- Notes & documentation
- Code editors (e.g., Visual Studio Code/ Sublime Text 3)

Contact Us For More Info

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