



SYMBIOSIS SKILLS AND PROFESSIONAL UNIVERSITY
(Established under Govt. of Maharashtra Act No. XXXVII 2017 dated 3rd May 2017)
Kiwale, Adjoining Mumbai - Pune
Express Highway, Pune 412 101, State
– Maharashtra, INDIA. |
<http://www.ssou.ac.in>

School Name	School of Data Science
Program Name	Certificate course in PHP
Duration	3 Months (320 Hours)
Occupation & Description of Role	UI Developer, PHP Developer, Web developer , Front end developer, Client side developer
Eligibility (Educational)	BE/B.Tech (Engg, CSE), MS (Stat, Math), BSc (Stat, Math). Master's Degree in Science/ Technology/ Mathematics/ Statistics and Mathematics subjects studied in 12th Standard is a compulsory.
Pre-requisite	<ul style="list-style-type: none">• Understanding of Math / Stats at 12th standard level.• Knowledge of basic computer science principles and skills.• Basic programming knowledge – writing and executing code in any language. Laptop with minimum 8 GB RAM
Skills Students Acquire at end of the course	<i>Generic:</i> Communication skills (spoken, basic), Presentation Skills <i>Technical:</i> Building web app planning and design, Debugging code and Adaptability <i>Professional:</i> Team Work
Course Objective	<ul style="list-style-type: none">• Object Oriented Programming in PHP emphasizing eCommerce solutions.• Introduction to MySQL and Structured Query Language• Designing scalable, secure, robust, modular, agile, low maintenance e-commerce websites.

Course Learning Outcomes	<ol style="list-style-type: none"> 1. To use PHP's built-in server to serve static resources 2. To use PHP to add some dynamic aspects to our pages 3. To use HTML forms 4. To use cookies to store some data in the browser and pass it to the next request 5. To use a session cookie to store data on the server instead of in the browser 6. To build an authentication system 7. To restructure the project 8. To build a full CRUD interface for creating, reading, updating, and deleting tours that we will show on our website 9. To upload files to the website 10. To build a custom solution that catches PHP errors and exceptions and shows a proper error page for them 11. To describe and test all the features you've built in this course using an automated test runner
Module list	<ul style="list-style-type: none"> • Introduction to Web Technologies • UI Development • PhP • My SQL • Ajax • WordPress ,MVC Framework and Codeigniter

Suggested learning Resources

Sr. No	Title of the Book / Link	Author / Website	Edition / volume	Text (T) Reference (R)
1	The Joy of PHP Programming: A Beginner's Guide	Alan Forbes	Wrox Publication	T1
2	Learning PHP, MySQL & JavaScript	Robin Nixon	O'Reilly	T2
3	The Joy of PHP	Alan Forbes	BeakCheck LLC	T3
4	PHP for the Web	Larry Ullman	Peachpit Press	T4

5	PHP and MySQL Web Development	Luke Welling	Addison-Wesley	T5
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