Full Stack Web Development
Course (1) : Basic Concepts

Course	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6
Course 1 Basic Concepts	Web Development Concepts	Overview on web development technologies	Environment Setup and Tools			
Course 2 HTML	HTML Tags 1	HTML Tags 2	HTML forms			
Course 3 CSS	Introduction to CSS (selectors and properties)	CSS box model and layout	Responsive Design - 1	Responsive Design - 2		
Course 4 Java Script	Introduction to JS	Variables & operators	Conditions and Repetition	Functions	JS	
Course 5 React	Introduction to React (JSX and components)	React State and Props				
Course 6 Node JS & Database	Modules	Node.js express	Node EJS	MongoDB NoSQL Database	Connect Node.js with Database	

ABOUT THE COURSE

This course provides an introduction to the key concepts, tools, and frameworks used in web development. You will gain a solid understanding of web development technologies and the various approaches that are used to create dynamic web applications. Additionally, you will learn about environment setup and tools that are commonly used in web development, giving you the foundation you need to create your own projects. By the end of this course, you will be equipped with the knowledge and skills you need to start building your own web applications.

LEARNING OUTCOMES

1. The learners will understand the URL hierarchy.

2. The learner will understand the web server's role in managing the access to a website (Request and Response).

3. The learners will get familiar with web development technologies (HTML, CSS, JavaScript, programming languages, data base, web browser and web server) – Frontend and Backend.

4. The learners will be able to buy a domain name and a host, then publish their webpages files.

5. The learner will know how to set up the environment"

BLOCKS AND TOPICS

Blocks	Topics	Deliverables
Block 1	Web Development Concepts	● Quiz
Block 2	Overview on web development technologies	● Quiz
Block 3	Environment Setup and Tools	● Quiz

GRADING POLICY & CERTIFICATE VERIFICATION

To successfully complete the course, learners will need to :

1. Review all the instructional videos , reading materials , and activities

2. Submit assignments (If any) and receive feedback

- Assignments will consist of questions related to the topics covered in each block and learners are required to apply the knowledge gained and submit their answers in a specified format.

- Grading: Each assignment will be reviewed and graded by the facilitator.

3. Do quiz questions

- Answer multiple-choice questions
- Must achieve a score of 100%
- Unlimited attempts allowed

4. Actively participate in the discussion forums.