

WEB DEVELOPMENT



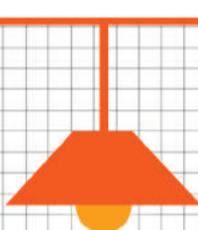
COURSE HIGHLIGHTS !

- Live 48 Hours of Sessions
- Detailed coverage HTML/ CSS
- Bootstrap frontend framework for responsive website
- Javascript for front end development
- Error Handling & Debugging
- Object Oriented Programming
- SQL Database management
- Deploying website on cloud
- **BUILD 6 REAL-APPLICATION BASED PROJECTS IN THE COURSE**
- LMS Access - Pre-recorded videos, Documents, Assignments, Codes

 Book your
FREE Demo now!



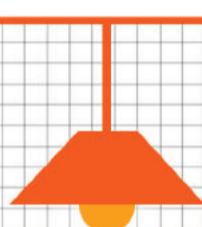
COURSE REQUIREMENTS



- Basic Understanding Of Block Based Programming
- A Mac or Windows Computer
- Access to the internet



WHAT YOU'LL LEARN IN THE COURSE



Best practices for
Web development



Art of Web designing,
Wireframing & Mockup



Carousel, Dropdown & Spinners,
Card, Media query, etc



Document Object Model (DOM),
Event listeners,
Animation , Callback functions, etc



"Database Basics - Create, Read,
Update & Delete operations"



Deploying your website
on cloud



HTML - STRUCTURING THE WEB

Web Development

Beginner

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Basic HTML Tags

Understanding
HTML boilerplate



HTML list



HTML Image Tag



Anchor and links



HTML Tables



HTML Forms



HTML Styling



Div and Section



Adding Favicon



Assignment - Make a
basic HTML website



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Inline vs internal
vs external CSS



Anatomy of CSS



CSS Selectors



Class & Id selector



“ ”

Pseudo Class &
Pseudo elements



Borders, Margin & Padding



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CSS Box Model



CSS Overflow



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Font Awesome &
Google icons



CSS display properties
Block, Inline, Inline-Block
& None



- First icon
- Second

CSS positioning Static,
Relative & Absolute



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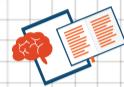
Font Embedding



Navbar



Dropdown



CSS Animation



Assignment - Blog
website using HTML/CSS



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 **WEBSITE DEPLOYMENT -
GitHub MAKE YOUR WEBSITE LIVE**

Web Development

Beginner

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**Version Control System** **Working directory,
staging area, repository** **Introduction to Git
Add, Commit, branches** **Pull, Push, Update &
Rename Operations** **Managing Branches &
Merge Operation** **Website deployment
on Github pages**

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•ART OF WEB DESIGNING

Web Development

Intermediate

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Prepare your website
prototype -
Wireframing vs Mockup



Choose a Right Colour
palette - Colour Theory



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Choose a correct
font & layout



Built a
Visual Hierarchy



User interface (UI) &
User experience (UX) design



Build a Mockup using
Canva & Deploy



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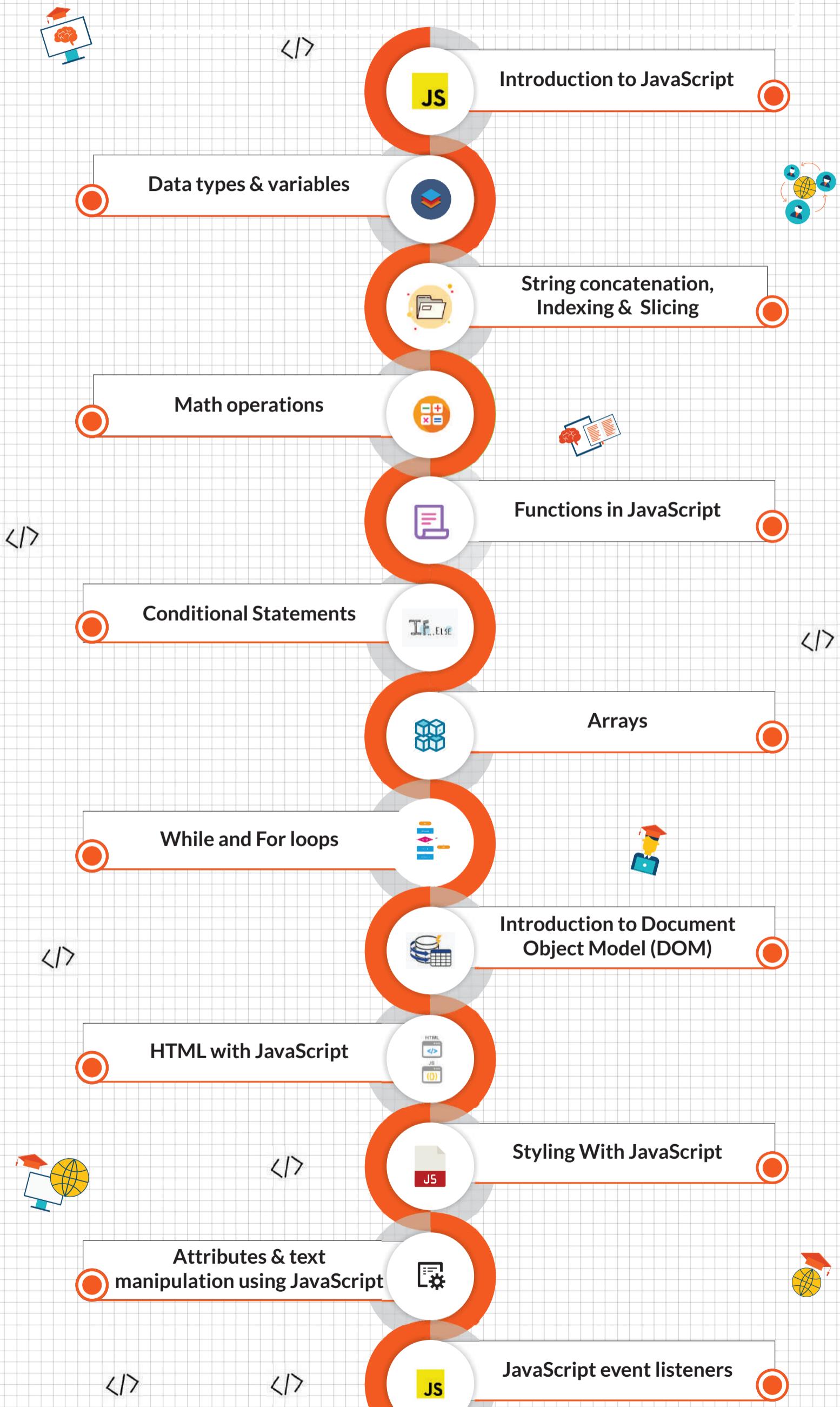
B BOOTSTRAP - DEVELOPING RESPONSIVE WEBSITES

Web Development
intermediate

JS JAVASCRIPT – DYNAMIC CLIENT-SIDE SCRIPTING

Web Development

Expert



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Higher Order functions



Object & Methods



Keypress Event listener



Callback function



Animations



Basics of Jquery



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DATABASE -SYSTEMATIC COLLECTION OF DATA

Web Development

Expert

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Basics of DB

Create a table



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Insert into table

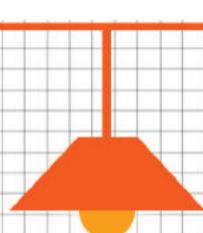
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SQL CRUD query





HOW THIS COURSE WILL HELP YOUR CHILD



- **CIC approach**

Consumer to innovator to the creator

This course aims to turn the student from a consumer of technology to the creator of technology.

- **Activity-Based learning**

Learn the required programming concepts by performing activities

- **Project - Based Learning**

Learn the required programming concepts by performing activities

Instead of a theoretical and traditional way of learning, students will build projects during the course.

- **Our PBL approach will help student in**

Allows students to acquire key knowledge & skills through the development of projects that respond to real-life problems

Develop critical thinking

Retain the concept

Integration of different concepts

COURSE OUTLINE

Session Number	Unit	Activity Name
1.		Basic HTML tags
2.		Understanding HTML boilerplate
3.		HTML list
4.		HTML Image Tag
5.		Anchor and links
6.		HTML Tables
7.		HTML Forms
8.		HTML Styling
9.		Div and Section
10.		Adding Favicon
11.	HTML Structuring the web	Assignment - Make a basic HTML website

COURSE OUTLINE

Session Number	Unit	Activity Name
1.		Inline vs internal vs external CSS
2.		Anatomy of CSS
3.		CSS Selectors
4.		Class and Id Selector
5.		Pseudo class & pseudo elements
6.		Borders, Margin & Padding
7.		CSS Box Model
8.		CSS Overflow
9.		Font Awesome & Google Icons
10.		CSS display properties Block, Inline, Inline-Block, and None
11.		CSS positioning Static, Relative & Absolute
12.		Font Embedding
13.		Navbar
14.		Dropdown
15.		CSS Animation
16.		Assignment - Blog website using HTML/CSS

CSS
Styling the web

COURSE OUTLINE

Session Number	Unit	Activity Name
1.	Website Deployment Make your Website live	Version Control System
2.		Working directory, staging area, repository
3.		Introduction to Git Add, Commit, branches
4.		Pull, Push, Update & Rename operations
5.		Managing branches & merge operation
6.		Website deployment on Github pages

COURSE OUTLINE

Session Number	Unit	Activity Name
1.	Art of Web Designing	Prepare your website prototype - Wireframing vs Mockup
2.		Choose a right colour palette - Colour Theory
3.		Choose a correct font & layout
4.		Built a Visual hierarchy
5.		User interface (UI) and User experience (UX) design
6.		Build a Mockup using Canva & deploy

COURSE OUTLINE

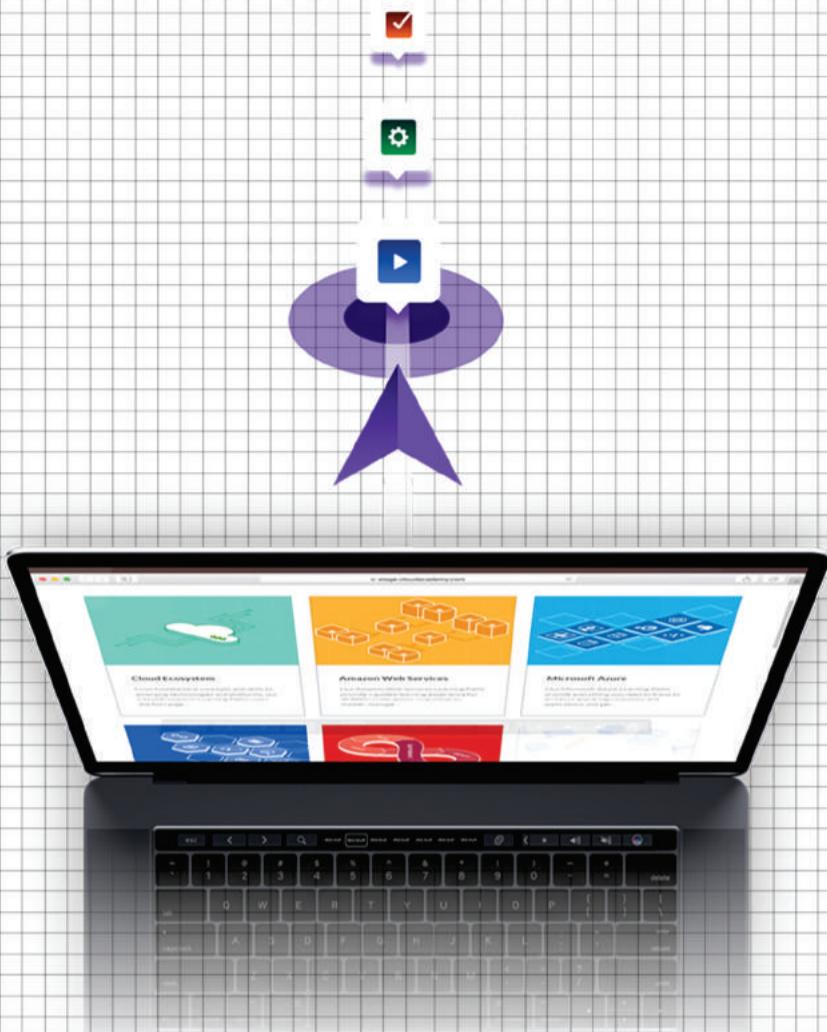
Session Number	Unit	Activity Name
1.	Bootstrap - Developing Responsive Websites	Introduction to bootstrap
2.		Bootstrap buttons
3.		Bootstrap Navbar
4.		Bootstrap Container
5.		Bootstrap Grid layout
6.		Bootstrap Forms
7.		Bootstrap Progress Bar
8.		Bootstrap Dropdown & Spinners
9.		Bootstrap Carousel
10.		Bootstrap Card
11.		Bootstrap Toast message
12.		Bootstrap Z-index & Stacking
13.		Bootstrap media query breakpoint

COURSE OUTLINE

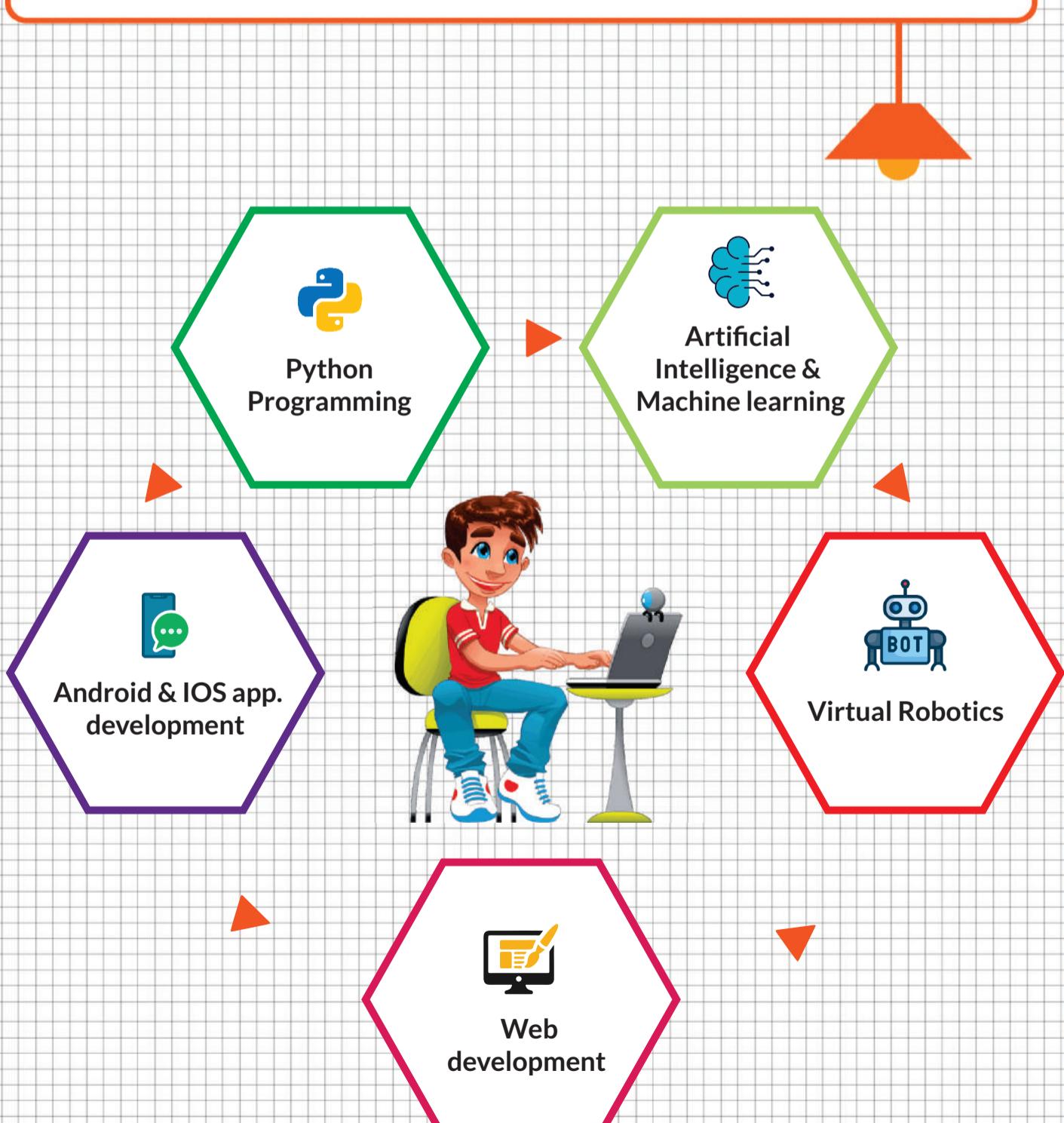
Session Number	Unit	Activity Name
1.		Introduction to JavaScript
2.		Data types & variables
3.		String concatenation, indexing & slicing
4.		Math operations
5.		Functions in JavaScript
6.		Conditional Statements
7.		Arrays
8.		While & For loops
9.		Introduction to Document Object Model (DOM)
10.	JavaScript Dynamic client-side scripting	HTML with JavaScript
11.		Styling With JavaScript
12.		Attributes & text manipulation using JavaScript
13.		JavaScript event listeners
14.		Higher order functions
15.		Object & Methods
16.		Keypress event listener
17.		Callback function
18.		Animations
19.		Basics of Jquery

COURSE OUTLINE

Session Number	Unit	Activity Name
1.	Data - Systematic Collection of Data	Basics of DB
2.		Create a table
3.		Insert into table
4.		SQL CRUD query



OTHER COURSES



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