Node JS Syllabus

Session 1: Introduction to Node JS

✓ Introduction to Node JS	✓ What is Node JS, Node.js Process Model
✓ Advantages of Node JS	✓ Traditional Web Server Model

Session 2: Setup Development Environment

✓ Install Node.js on Windows	✓ Working in REPL, Node JS Console

Session 3: Node JS Modules

✓ Functions, Buffer, Module	✓ Core Modules, Local Modules
✓ Modules Types	✓ Modules Exports

Session 4: Node Package Manager

✓ What is NPM, Installing Packages Locally	✓ Adding dependency in package json
✓ Installing package globally	✓ Updating packages

Session 5: Creating Web Server

✓ Creating Web Server	✓ Handling http requests
✓ Sending Requests	

Session 6: File System

✓ Fs.readFile, Writing a File	✓ Writing a file asynchronously
✓ Opening a file, Deleting a file	✓ Other IO Operations

Session 7: Debugging Node JS Application

✓ Core Node JS Debugger	

Session 8: Events

✓ Event Emitter class	✓ Returning event emitter
✓ Inheriting Events	

Session 9: Express JS

✓ Configuring Routes	✓ Working with Express

Session 10: Serving Static Resources

✓ Serving Static Files	✓ Working with Middle Ware

Session 11: Database Connectivity

✓ Connecting String, Configuring	✓ Working with Select Command
✓ Updating Records	✓ Deleting Records

Session 12: Project Development

✓ Project Development using Node JS	