

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	