



Node

Course Content

Module 1: Understanding Node environment

- Extending JavaScript
- V8
- The Process Object

Module 2: Understanding Asynchronous Event Driven Programming

- Broadcasting Events
- Listening for Events
- Timers
- Understanding the Event Loop
- Callbacks and errors

Module 3: Streaming Data Across Node And clients

- Exporting Streams
- Creating and HTTP Server
- The Request objects
- Working with Headers
- Handling Post Data

Module 4: Access the File System

- Directories & iterating over files and folders
- Reading from File
- Writing to a File

Module 5: Using Express

- Installing Express and Making it Easier to Build Web Server
- Routes
- Static File and Middleware
- JSON

Module 6: Databases

- Relational Database and SQL
- Node & MYSQL
- NoSQL and Documents
- MongoDB and Mongoose
- CRUD operation using MongoDB



Module 7: Working with MySQL

- CRUD Operation using MYSQL

Module 8: Connecting Node with Angular

- Installation of Angular
- Components
- Services
- Template Form
- Event Handling

