

Dear Student,

Based upon your enquiry we are pleased to send you the course curriculum for NodeJS

Given below is the brief description for the course you are looking for:

Prerequisites

Initial Java Script knowledge.

Basic Web Development knowledge

NODE JS Course Contents

- Introduction about Node JS
- Fundamental
 - Node.js framework
 - How to Install Node.js
 - Execute Node JS scripts
- NodeJS Projects setup
 - Package Manager
 - Creating project
 - The package.json config file
 - Global and local package installation process
- Work with HTTP
 - What is HTTP protocol?
 - Creating HTTP server
 - Render a response
 - Process query strings
 - Use of (REST) Representational State Transfer

- File System (IO Operation)
 - Synchronous and asynchronous I/O operation
 - Path and directory operation
 - filename and dirname commands
 - Asynch reads and writes operations on file

- Buffer, Streams, and Events with IO
 - Use of buffers for binary data
 - Flowing and non-flowing streams
 - Streaming of I/O from files and sources
 - Asynch Processing of streams
 - Event handler configuration

- Module & Unit Testing of NodeJS
 - Implementation of Modularization
 - CommonJS and RequireJS standards
 - Creating module with exports
 - Creating a package
 - Module scope and construction
 - Working with unit testing frameworks
 - How to perform unit test?
 - Creating unit tests with Mocha

- NodeJS Express Framework
 - The MVC (model-view-controller) pattern
 - Defining Jade and Handlebars templates
 - Building a front-end controller
 - Defining routes
 - Creating actions
 - Configuring Express to use Handlebars
 - Using REST
 - Reading POST data
 - Building Handlebars helpers

- Adding middleware
- Connection with DB(RDBMS & MongoDB)
 - Connection of Node.js code to databases
 - Connecting to RDBMS and NoSQL databases (Mongo DB)
 - What is NoSQL and Why NoSQL?
 - Difference Between RDBMS and NoSQL Databases
 - Inserting record in Mongo DB using NodeJS
 - Retrieving record in Mongo DB using NodeJS
 - Updating record in Mongo DB using NodeJS
 - Deleting record in Mongo DB using NodeJS
 - Performing search operation.
- Project
 - ProductManagement
 - Project Setup
 - Routes & Views
 - Database & Models
 - CRUD – Create/Retrieve/Update/Delete product.

Fees: - 10000/-

Duration: - 2 Months

Available Discounts

- Flat 10% Discount if joining on the same day of demo or enquiry.
- Special discount for group joining(minimum 5 students)
- Got someone's reference??, get flat ₹ 500 Discount. .
- Flat 1000/- Discount for our old students..

Note: - maximum one discounts are applicable for a single student

Trainer Profile (Mr. Santosh)

- ✓ Total 10+ Years' Experience as Software Developer.
- ✓ Hands on Experience on Java, MongoDB, NodeJS and Oracle
- ✓ Also Involved in Corporate Training from last 5 Years.

Counselling