

## Syllabus: Nodejs

Sr No:	Topic	Date	Sign
<b>Module 1</b>	<b>Nodejs Introduction</b>		
1.1	What is Node?		
1.2	What are Client and Server Sides?		
1.3	Where do we use Node? (Client or Server Sides)		
1.4	How Nodejs use JavaScript?		
<b>Module 2</b>	<b>Install and setup Nodejs</b>		
2.1	Download Nodejs		
2.2	Install NPM and Node		
2.3	List of Recommended Code Editor		
<b>Module 3</b>	<b>Make First Script with Node</b>		
3.1	Script with Command Line		
3.2	Make Folder and File		
3.3	Write First Code and Run		
<b>Module 4</b>	<b>JavaScript Fundamentals of Nodejs</b>		
4.1	JavaScript Fundamentals of Nodejs		
4.2	Conditions, Loops, and Array		
4.3	The import Function and variables from another file		
<b>Module 5</b>	<b>Core Module in Nodejs</b>		
5.1	What are the Code modules?		
5.2	What are global modules?		
5.3	Global model example		
5.4	Non-Global Module with Example		
<b>Module 6</b>	<b>Create Server</b>		
6.1	Make Basic Server		
6.2	Function in Parameter in Node		
6.3	Arrow Function		
6.4	Get Output on Browser		
<b>Module 7</b>	<b>All About Package.Json File</b>		
7.1	What is package file?		
7.2	How to make it?		
7.3	Check the file in details.		
7.4	Install External package		
<b>Module 8</b>	<b>All About Nodemon Package</b>		
8.1	What is the Nodemon Package?		
8.2	How to install it?		
8.3	How to use it?		
<b>Module 9</b>	<b>Make a Simple and Basic API</b>		
9.1	Make a server.		
9.2	Create API and header body.		
9.3	Create an API with static data.		
9.4	Put data in another file.		
<b>Module 10</b>	<b>Input from Command Line</b>		
10.1	Set input from command line		

10.2	Create file with input		
10.3	Delete the file with input		
<b>Module 11</b>	<b>Show file List in Nodejs</b>		
11.1	Makes file in a folder		
11.2	Use Path Modules		
11.3	Get file name and print		
<b>Module 12</b>	<b>CRUD with File System</b>		
12.1	Make file		
12.2	Read file		
12.3	Update file		
12.4	Rename file		
12.5	Delete file		
<b>Module 13</b>	<b>Asynchronous Programming Language and Handle</b>		
13.1	Asynchronous Data		
<b>Module 14</b>	<b>How Nodejs Work</b>		
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14.2	Node API		
14.3	CallBack Queue		
14.4	Example		
<b>Module 15</b>	<b>ExpressJs Introduction</b>		
15.1	What is ExpressJs		
15.2	Install ExpressJs		
15.3	Make Example with ExpressJs		
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<b>Module 17</b>	<b>Render HTML and Json and Make HTML Page</b>		
17.1	How HTML Tags		
17.2	Show Json data		
17.3	Link Page		
17.4	Make folder for html file and access it.		
17.5	Make html file		
<b>Module 18</b>	<b>EJS Templet Engine</b>		
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18.2	Install ejs templet package.		
18.3	Setup dynamic routing		
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20.2	How to a make Middleware		
20.3	Apply Middleware on routes		
20.4	Type of Middleware		
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22.5	MongoDB basic Command Line		
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23.2	How to check inserted data		
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41.1	Make route for API		
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