

AQAR 2023 - 2024



SANTHIGIRI COLLEGE OF COMPUTER SCIENCES

Affiliated to M.G. University, Approved by AICTE and Accredited by NAAC



CRITERION 1

1.2.2 Add-on Course

Course Name: Web Application Development with Angular and Node.JS

Course Code: ADD-CS-09



Academic Year: 2023-2024

Course Name: Web Application Development with Angular and Node.js

Course Code:

Training Firm: Santhisoft Technologies

Syllabus

Chapter 1 [8 Hours]

Introduction to Angular, Versions, Environment Setup, First Demo Application, Running Application in local server, File Structure. Dependencies, Interpolation & Style Binding.

Implementing Bootstrap in Angular Application.

Chapter 2 [8 Hours]

Introduction to Components, Add routing path, creating child paths, creating parent path, Creating Routing Links, creating form groups, using form control names, creating form groups, printing values in console.

Chapter 3 [12 Hours]

Introduction to Services, creating services, using HTTP Clients and methods, Introduction to node and Express Framework, creating back end application using node and Express Framework, installing MySQL packages, installing CORS Module, Establishing MySQL Connection, inserting values to MySQL Database, fetching values, update and delete operations.

Micro Project: 18 Hours

Note: Certificates providing based on the following performance criteria

1	Assignments	Maximum Score(25)
3	Micro Project (Create a GUI Application and it required a facility to creating, fetching, filtering and sorting data)	Maximum Score (25)





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Web Application Development with Angular and Node.JS

Date: 27-7-2023

Time: 25 Minutes

1. What is Angular primarily used for in web development?
2. Which language is commonly used to write Angular applications?
3. What command is used to create a new Angular project?
4. What is the purpose of the @Component decorator in Angular?
5. Which file is the entry point for an Angular application?
6. What is the purpose of Angular's ngFor directive?
7. Which service is used to make HTTP requests in Angular?
8. What is the purpose of Angular's ngModel directive?
9. What command is used to serve an Angular application locally?
10. What is the default port used by Angular CLI to serve applications?
11. What is Node.js?
12. Which module is used in Node.js to handle file operations?
13. What command is used to initialize a new Node.js project?
14. Which module in Node.js is used to create a server?
15. What is the purpose of require() in Node.js?
16. Which Node.js framework is commonly used for building REST APIs?
17. What is the default file where a Node.js server typically starts?
18. Which command is used to install a package in a Node.js project?
19. What is the purpose of the package.json file in a Node.js project?
20. Which command is used to start a Node.js application?


PRINCIPAL
SANTHIGIRI COLLEGE OF COMPUTER SCIENCES
VAZHITHALA P. O. THODUPUZHA
KERALA, PIN - 685 583

**WEB APPLICATION DEVELOPMENT
WITH ANGULAR AND NODE.JS**

MARKSHEET

SL No	Student Name	Assignment Max(25)	Micro Project Max(25)	Total Mark Max(50)	Mark %	Grade
1	Akshay Raj	23	21	44	88	A
2	Alby Bennichen	23	15	38	76	B
3	Aleena Thomas	20	23	43	86	A
4	Amal Shajan	24	23	47	94	A+
5	Amal Thomas	24	24	48	96	A+
6	Amala Shibu	23	21	44	88	A
7	Amrutha Vijayan	22	22	44	88	A
8	Angel Francis	22	22	44	88	A
9	Anju Saji	24	24	48	96	A+
10	Annmary Joy	24	22	46	92	A+
11	Anu James	18	18	36	72	B
12	Aparna Biju	23	21	44	88	A
13	Arjun T S	23	24	47	94	A+
14	Bijimol Saji	24	24	48	96	A+
15	Christeena K J	23	24	47	94	A+
16	Dona Katherin Biju	16	20	36	72	B
17	Dona Mol Mani	22	23	45	90	A+
18	Eby Mathew	23	21	44	88	A
19	Felix Pongola	20	15	35	70	B
20	Georgekutty Binoy	21	20	41	82	A
21	Jeevan George	18	17	35	70	B
22	Jibin Biju	22	22	44	88	A
23	Jissymol Jiji	24	23	47	94	A+
24	Karthik Suresh	24	23	47	94	A+
25	Karthika Santhosh	24	23	47	94	A+
26	Meenu Shaji	20	21	41	82	A
27	Muhsina Muhammed	20	21	41	82	A
28	Sarath Siby	24	21	45	90	A+
29	Sivamaya Shaji	22	20	42	84	A
30	Urmila Joshy	23	22	45	90	A+
31	Vaishnavi Das	21	22	43	86	A
32	Vishnu Suresh	23	23	46	92	A+
33	Vivek Chandran	24	22	46	92	A+



SUMMARY REPORT

Academic Year: 2023-2024

Course Name: Web application development with Angular and Node.JS

Course Code:

Web application development with Angular and Node.JS () was successfully completed during academic year 2023-2024 for MCA Students. There are 33 students who have completed the course. It took 30 hours to complete the course and there was 100% result. Out of 33 Students 15 Students achieved A+, 13 Students got A grade and 5 Students got B Grade.

Total Students Enrolled	33
Total Students Passed	33
A+	15
A	13
B	4
C	0
D	0
E	0

PRINCIPAL
SANTHIGIRI COLLEGE OF COMPUTER SCIENCES
VAZHITHALA P. O., THODUPUZHA
KERALA, PIN: 685 583

Signature of Principal



HEAD OF THE DEPARTMENT
DEPT. OF COMPUTER SCIENCE
SANTHIGIRI COLLEGE OF COMPUTER SCIENCES
VAZHITHALA P. O., THODUPUZHA
KERALA, PIN: 685 583

Signature of HOD



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CERTIFICATE

This is to certify that Mr/Ms.....Dona...Katherin...Biju.....
student of MCA Programme has successfully completed 45 hours
Add-on-course entitled "**WEB APPLICATION DEVELOPMENT WITH
ANGULAR AND NODE.JS**" from 24th July 2023 to 13th September 2023
for the academic year 2023 - 2024 with....B.....grade.

Date : 28-10-2023



[Signature]
Principal