S No	Topic	Details
1	HTML5 - 1	Introduction to HTML, HTML Tags, Block and inline elements,Tables, inputs, forms
2	HTML5 - 2 and CSS - 1	Advance HTML Tags and Media tags,HTML Sementics Tag Understanding CSS Basics, Psuedo classes, Combinators, Selectors and CSS Properties, Precedence
3	CSS-2	CSS Units and Box Model, Pseudo classes & Elements, Font-Families, List and Shadows, Adding Image and text, Pseudo Classes
4	CSS-3	Flex Boxes, Media Queries, Border, Background
5	CSS - 4	Grids + Flexboxes Layouts
6	Bootstrap	Creating a Comi-Con Website using Bootstrap
7	Basics of JavaScript - 1	Introduction to JavaScript, Strongly v/s Weakly v/s Static vs Dynamic Typed, Loops in JS, JS datatypes ,Objects, Type Casting,
8	JavaScript - 2	Higher Order Functions, Scopes, Hoisting, Closure
9	JavaScript - 3	Async Functions and OOP, Prototypes, this keyword, Class Syntax, Try and Catch
10	JavaScript - 4	Different programming and paradigms, Lambda Functions, Scopes in JS, inbuilt functions in JS
11	JavaScript - 5	Async Programming - Callbacks, Promises, async await , Web APIs, Callback queue and Event Loop, Promise.all(), Promise.any(), Promise.race()
12	Dom Manipulation using JavaScript	Introduction to DOM, window element,events and Event Listener and BOM
13	JQuery	Learning jQuery and Creating Todo List using Jquery .
14	AJAX and API's	Making XMLHttpRequest using JS and API creation, understanding JSON and XML
15 - 16	Medium Clone	Build the Medium Clone project.
17	NodeJS - 1	Understanding what is NodeJs, Exploring Centralised Package Manager, NPM modules, Terminal application, Destructuring, Dependency Graph, Advance File System, async and await
18	NodeJS - 2	File handling, readfile writefile, writing and reading object in file
19	Express-1	Client-server architecture, request-response cycle, creating server with express, get request, Status Code, sending response. query and params
20	Express-2	post request, sending post request with form and postman express.json(), express.urlencoded()
21	Defining RESTful Routes	Understanding RESTful APIs and Get/POST request
22	Introduction to Databases	Understanding Databases,SQL vs NoSQL ,Getting Started with MongoDB, Why Mongo, Installing Mongo, Mongo Shell, Inserting , Finding, Updating and Deleting with Mongo, Mongo Shell, MongoDB Operators
23	Moongoose-ODM	What is Mongoose, Insert Many, Finding, Updating and Deleting with Mongoose
24	Data Relationships With Mongo	SQL Relationship Overview, One to Few, One to Many, Mongoose Populate, One to Bijillions, Mongo Schema design

25	Cookies and Sessions	Learn about Cookies and Express-Sessions.
26	Authentication from Scratch	Learning Authentication and store data securely in databases(Bcrypt and JWT)
27	Authentication using PassportJS	Learning Authentication via passport.js
28	Building TODO App using MERN	Build a To-Do application using the MERN stack. This project aims to provide students with hands-on experience in deve Major Features: User Authentication, Task Management,User Profiles,Task Lists, Search and Filter
29-32	E-Commerce Project (CAPSTONE PROJECT)	Build an E-Commerce platform and developing a complete full-stack web application with functionality of popular online shopping websites. Major Features: Authentication and Authorization, Product Management, Product Catalog, Product Details, Shopping Cart, Checkout Process, Order Management, User Profiles, Admin Dashboard, Notification System:
33	Sockets	Creating a Chatting Application via sockets
34	PROJECT - CHAT APP	Build Chat APP project from Scratch.
35	ReactJS - 1	React Introduction, jsx and babel, virtual dom, functional component, passing argument to component using props.
36	ReactJS - 2	Hooks and lifecycle method, useState, counter app, useRef, event listener
37	ReactJS - 3	useEffect, dependency array, fetching data from JSON placeholder api, local Strorage
38	ReactJS - 4	Props drilling, Context Api, useContext hook
39	ReactJS - 5	React-router-dom, routes, Link and navigate
40	React Project	Github Profile Analyzer