

UNIT I	SERVER-SIDE ACTION	9
Node and NPM - Installation - Commands - Packaging - filesystem - http/ https - OS - Path - Process - collaborative version control system git – Introduction to MERN stack.		
UNIT II	CLIENT-SIDE ACTIONS	9
React - Writing different components - Introduction to Typescript - Programming structures - Boolean - Arrays - Tuples - function.		
UNIT III	ADVANCED TYPESCRIPT	9
Classes - Inheritance - Interfaces - Namespaces - Modules - Decorators - Debugging Typescript apps - development of a simple web application with typescript.		
UNIT IV	WEBPACK	9
Introduction to webpack - dependency graph - Plugins - Modules - Adding node modules - REST Endpoint - mailer - other examples		
UNIT V	DEPLOYMENT THROUGH CONTAINERS	9
Containerization - Installation of Docker - Pulling Images - Creating Images - Deploying to Dockerhub - Development and deployment of js applications in docker.		