



Department of Computer Science & Engineering
Chitkara University Institute of Engineering & Technology
(Accredited by NAAC with Grade 'A+')

Ref No: CUIET/CSE/ACAD/2025/428

Date: 18-9-2025

NOTICE

ATTENTION: - B.E CSE Batch 2023

Test Type: CE-1

Test No: 1

Total Marks: 30

Duration: 120 min

Name of Course Coordinator: Dr. Salil

Course Code: 23CS008

Course Title: Back End Engineering-II

Day: Wednesday - Friday

Date: 24-Sep-2025 -26-Sep-2025

Time: As per lecture schedule

Mode: Offline

Groups: 1-12 (I- Gamma) ,14,17-27(Gamma)

Specialization: Full Stack Engineering

Syllabus for Test:

Introduction to Node.js including its comparison with the browser and how to run Node.js code, exploring modules such as CommonJS and ESM, and learning how to create custom modules. Working with npm to create and install packages. Understanding error handling in Node.js including uncaught exceptions, handling asynchronous errors, analyzing the call stack and stack trace, and using debugging tools. Beginning asynchronous programming, file handling, command-line apps, interacting with APIs, keeping applications running, and using templating engines. Introduction to Express.js, building RESTful APIs, routing, middleware, error handling, and implementing EJS templating. This section covers foundational server-side concepts using Node.js and Express.js.

Format of Assessment:

Execution (Practical/Implementation): 15 Marks

Viva : 15 Marks

Total Marks: 30

Signature of Course Coordinator: