

U. V. PATEL COLLEGE OF ENGINEERING

(2CEIT5PE4) Software Packages

SYLLABUS for 1st Internal Examination September 2022

Unit	Content
1	Introduction to Node.js: Basic of Node.js, Advantages of Node.js, Compare with other languages, Application of Node.js, Traditional Web Server Model, Node.js Process Model, Node.js development environment setup, Node.js Console – REPL, Node.js Fundamentals: Loose Typing, Buffer, Object literal, Functions - Anonymous function, IIFE, Arrays, Global objects, Process object
2	Node.js Modules: Functions, Module, NPM, Module Types, Core module: http, query string, url, path, fs (Read Files, Write Files, Append Files, Close Files, Delete Files, Rename file), util (all methods covered in the lectures for all core modules) Local module, exports keyword, Third party module