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| |  |  |  | | --- | --- | --- | | 13CS41P2 | - | Networks and Compiler Design Laboratory | | | | | | | | |
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| Hours / Week | : | 3 | |  | Day-to-day Evaluation and a test | : | 40 |
| Credits | : | 2 | |  | End Examination Marks | : | 60 |

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| 1. Implement the following Framing Technics    * 1. Bit Stuffing      2. Character Stuffing |
| 1. Write a program for error detecting code using CRCCCITT (16-bits). |
| 1. Write a program for distance vector algorithm to find suitable path for transmission. |
| 1. Write a program for client-server application for chat using TCP. |
| 1. Write a program for client-server application for chat using UDP. |
| 1. Write a program for Hamming Code generation for error detection and correction. |
| 1. Write a program for simple RSA algorithm to encrypt and decrypt the data. |
| 1. Write a program to identify the tokens of a given input file. |
| 1. Write a program to compute FIRST of non-terminal. |
| 1. Write a program to compute FOLLOW of non-terminal. |
| 1. Write a Program to check whether a grammar is left Recursion and remove left recursion. |
| 1. Write a Program to remove left factoring. |
| 1. Write a program to identify the tokens of a given input file. |
| 1. Write a program to the following address codes    * 1. Zero address code      2. One address code      3. Two address code |