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