

L D COLLEGE OF ENGINEERING AHMEDABAD
COMPUTER ENGINEERING DEPARTMENT

VISION:

To achieve academic excellence in Computer Engineering by providing value based education.

MISSION:

1. To produce graduates according to the needs of industry, government, society and scientific community.
2. To develop partnership with industries, research and development organizations and government sectors for continuous improvement of faculties and students.
3. To motivate students for participating in reputed conferences, workshops, seminars and technical events to make them technocrats and entrepreneurs.
4. To enhance the ability of students to address the real life issues by applying technical expertise, human values and professional ethics.
5. To inculcate habit of using free and open source software, latest technology and soft skills so that they become competent professionals.
6. To encourage faculty members to upgrade their skills and qualification through training and higher studies at reputed universities.

LABORATORY PLANNING

Dept: Computer Engineering SEMESTER: BE-VII

TERM: Jun-2020

SUBJECT: -- Information and Network Security (2170709)Div: A & B

Faculty: Prof. Rajyalakshmi Jaiswal

Sr. No.	Title	Planned date
1	Implement Caesar cipher encryption-decryption.	Week 3 Jun 18
2	Implement Mono alphabetic cipher encryption-decryption.	Week 4 Jun 18
3	Implement Playfair cipher encryption-decryption.	Week 1 Jul 18
4	Implement Poly alphabetic cipher encryption-decryption.	Week 2 Jul 18
5	Implement Hill cipher encryption-decryption.	Week 3 Jul 18
6	To implement Simple DES or AES.	Week 1 Aug 18
7	Implement Diffi-Hellmen Key exchange Method.	Week 2 Aug 18
8	Implement RSA encryption-decryption algorithm.	Week 3 Aug 18
9	Write a program to generate SHA-1 hash.	Week 1 Sep 18
10	Implement a digital signature algorithm.	Week 2 Sep 18
11	Perform various encryption-decryption techniques with cryptool.	Week 3 Sep 18
12	Study and use the Wire shark for the various network protocols.	Week 1 Oct 18

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Sr.No.	Title	Page No.	Date	MARKS OUT OF				Grade	Sign
				20					
				C1	C2	C3	C4		
				(5)	(5)	(5)	(5)		
1	Implement Caesar cipher encryption-decryption.		31/08/2020						
2	Implement Mono alphabetic cipher encryption-decryption.		31/08/2020						
3	Implement Playfair cipher encryption-decryption.		31/08/2020						
4	Implement Poly alphabetic cipher encryption-decryption.		31/08/2020						
5	Implement Hill cipher encryption-decryption.		31/08/2020						
6	To implement Simple DES or AES.		31/08/2020						
7	Implement Diffi-Hellmen Key exchange Method.		31/08/2020						
8	Implement RSA encryption-decryption algorithm.		10/10/2020						
9	Write a program to generate SHA-1 hash.		10/10/2020						
10	Implement a digital signature algorithm.		10/10/2020						
11	Perform various encryption-decryption techniques with cryptool.		10/10/2020						
12	Study and use the Wire shark for the various network protocols.		10/10/2020						

Grading Criteria (C1) Understanding Concepts (C2) Logic Designing (C3) Program Execution (C4) Final Output	Grading Scale : A – Above 17 (Excellent) B – 13 to 16 (Good) C – 10 to 12 (Fair) D – Below 10 (Poor) A, B, C are Passing Grades. D is Failing Grade.
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