RAMANUJAN COLLEGE

UNIVERSITY OF DELHI



**DSE- INFORMATION SECURITY**

**PRACTICAL FILE**

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**ROLL NO –** 20201426

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B.Sc. (H) Computer Science |Vi Semester

**PRACTICAL QUESTIONS**

Question 1. Implement the error correcting code.

Question 2. Implement the error detecting code.

Question 3. Implement caeser cipher substitution operation.

Question 4. Implement monoalphabetic and polyalphabetic cipher substitution operation.

Question 5. Implement playfair cipher substitution operation.

Question 6. Implement hill cipher substitution operation.

Question 7. Implement rail fence cipher transposition operation.

Question 8. Implement row transposition cipher transposition operation.

Question 9. Implement product cipher transposition operation.

Question 10. Illustrate the Ciphertext only and Known plaintext attacks.

Question 11. Implement a stream cipher technique