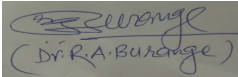


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DEPARTMENT OF ELECTRONICS ENGINEERING
DATA COMPRESSION AND ENCRYPTION (E-III)
VIII SEM ELECTRONICS
ASSIGNMENT NO: 01

DOA: 11/01/2018

DOS: 19/01/2018

Qu. No.	Questions	BTL
1	A string of characters with probability of e=0.3, n=0.3, t=0.2, w=0.1 & . =0.1 is given . Encode and decode the string "Went" using arithmetic coding technique.	BTL3
2	Encode and decode the sequence "ababababab" using LZW coding technique.	BTL3
3	Encode and decode given string "abracadabra" using Huffman coding technique	BTL3



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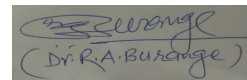
Class Teacher

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DEPARTMENT OF ELECTRONICS ENGINEERING
DATA COMPRESSION AND ENCRYPTION (E-III)
VIII SEM ELECTRONICS
ASSIGNMENT NO: 02

DOA: 11/01/2018

DOS: 19/01/2018

Qu No	Questions	BTL
1	Explain A-Law and u-Law companding in detail.	BTL2
2	Explain format of compressed data in audio compression technique.	BTL2
3	Write short note on JPEG and MPE Write short note on JPEG and MPEG.	BTL1



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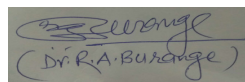
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DATA COMPRESSION AND ENCRYPTION (E-III)
VIII SEM ELECTRONICS
ASSIGNMENT NO:03

DOA: 22/02/2018

DOS: 05/03/2018

Qu. No.	Questions	BTL
1	Write short note on Steganography.	BTL1
2	What are different types of attacks? Explain each of them in short.	BTL1
4	What are different types of Ciphers? Explain any three techniques by giving examples.	BTL1
5	State and explain the S-Box design rules in detail.	BTL2
6	Explain the process of DES.	BTL2



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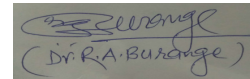
Class Teacher

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VIII SEM ELECTRONICS
ASSIGNMENT NO: 04

DOA: 22/03/2018

DOS: 28/03/2018

Qu. No.	Questions	BTL
1	Explain Briefly RSA algorithm	BTL2
2	Explain Diffie Hellman key Exchange with Mathematical equation.	BTL2
3	Write short notes on the following i) Intruders ii) Viruses	BTL1
4	Write Short notes on the following i) Worms ii) Firewall Design	BTL1



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Class Teacher