Name - Kshitig Chandrakas
Name - Kshibij Chandrakas SAP - SOOIZH 827
Set-B
Que What is puspose of CRC in Essos Deter
Of What is Puspose of CRC in 2003 veres
Que What is puspose of CRC in Islos Deter
De White a flogsom to calculate CRC for the BASTROM 100 100 with poly 1011
as less places to colculate CRC for
gr Write a program to
the BASTACOUNTY 1001
with poly 1011
07110
2) =) CRC (Cyclic Redundancy check) is
To Assumit para Over
Internet. Hoes to by making the fenerator BAStream Exactly Divisible by the Generator
Of the Exactly Divisible by the generate
Polynomial by paddore the Genaindes of
the pivision to the Bitstream.
the pivision to the 15it Streon.
RACHARDAM CRC
=) the layout is Bitstream CRC,
The state of the s
=) If the length of the CRC is Equal to the Degree of the Polynomial
Deagee of the Polynomial
the second of th
=> it can only Detect Single Bit Essoss. for Ex. He CRC of 100100 with Gensator
1 C. He cer of 100100 with Generated
for ex.
loly 10/1 is los Pobs = x +x+1
Posded Message = 100100000
- length of CKC = 3
Passed Message = 100100000

-

Binary Division 100100. 00 10 00 001100 Thangmitted Message = 100100 101 Consider this Message is Recieved with an Esser (Single Bit) Let Recieved Message = 100101 10) To check of Essos is present Essoneous 13.7 we do xos Division with the Generator polynoming of the Remainder is Non-Zero then the Dota is Shopeous

ERO:
XOR Pivision :-
C+2
1011 100 100 101
trap = 10 (tono 191)
0010 pt
00 10 10 mil = quest
1011
0001, E Non Zelo Remainde
The Recieved B.t is Ersored.
diet Enacind (duba , toly).
Puelle : Peter = 5000 + 1018 (16, 1911)-1)
def 108 (a,b):
Sestult = []
for ; in drange (len(a)): if $a = a \in J = b \in J$:
Gesult apperd ("O")
Elke
Result. append ("1") Return "Househ" foin (Result & "")
g otuln "though" ! loin (segult & "")
11/10/11 = 1/4
def div (divd, divs):
tmp = divd [o: \(\xi \)
While (< < len (divd)):
B temp[0]== €'1':
B temp[0]== &'1': temp = xos (temp, divs) + divl

Page No :

