

Vidyavardhini's College of Engineering and Technology

Department of Artificial Intelligence & Data Science

. AY: 2024-25				
Class:	FE	Semester:	I	
Course Code:	(SCS01	Course Name:	CN	

Name of Student:	Sainath	Khot
Roll No. :	20	
Assignment No.:	<u></u>	
Title of Assignment:	Framo	Transmission
Date of Submission:	IP addr	on a Ojakastra Algoritha
Date of Correction:		

Evaluation

Performance Indicator	Max. Marks	Marks Obtained
Completeness	5	04
Demonstrated Knowledge	3	02
Legibility	2	0
Total	10	01

Performance Indicator	Exceed Expectations (EE)	Meet Expectations (ME)	Below Expectations (BE)
Completeness	5	3-4	1-2
Demonstrated Knowledge Legibility	3	2	1
Legibility	2	1	0

Checked by

Name of Faculty

Sooka Yaday

Signature

Date

D

The from transmission time is 200/200 kbs or las a) If the system credit 1000 frames per should or 1 frame per millisewerd, then G:1. 20 Nis case S= Gxe-20 = 0.135 (13.5.1.). They means that the throughput is 1000 × 0.131 = 135 frames. Only 135 out of 1000 frams will probably survive b) If no system creater So. frame per second or 1/2 1 e a=1/2 na S= axe-2a = 0.184 (18.4%) 7h merce that throughput is SOOX D.184: 97 and that only 92 and 500 from will survive. This is mox throughput case percentage mise c) of the system creates 250 frame per second or 1/4 frams pu second then Cn=1/4 (S= Cn×e = 0.152 (15.2 percent). This means that The throughput is 250 × 0.62 = 38 unly 36 and 07 250 will survive 02 P2 ρ, **D**, D4 $\mathcal{D}^{\mathcal{S}}$ Receimed bromber Styp1: Analyse bits 4,5,667: Pa Ds Do Dr = 1101 -> Old parity : error exist hu : Pw Pu=1 in 4's position FOR EDUCATIONAL USE Sundaram

Description of the last of the	
	Stroz Churk the bits 2, 3, 6, 7
	0 0. 0 0 - 1001 -) hun parity 100
	Henre por Pr = 0 in 2's position of the orror word
	Styp3. Check bids 1,3,5,0
	. P. B3 Ds D: = 1011 -> odd party : error
	P. B3 Ds D: = 1011 - sodd party : prov : Put Pi-1 in 15 position of the error word.
	Step4: Unite the error word: 2'1 porter
	Step4. VV47
	Error word E = P4 P2 P, 6-1's positive
	T 4's position
	- Substituting the value Pu P2 & P, in st.p 1,2 &3
	- Substituting le value Pu 12 mm 1 11 mm p
	E = (s)10
	a la grad is in orrup
	Here bit 5 of drasmited rodeword is in orrar
	7 6 5 4 3 2 1
	intorved pit
	Steps: Correct Merror -> Frunt the irrevert but to obtain the correct
	-) Frunt the travers
	corremond.
	· (orvert rodeword = [1001011]
	· (ovvert rodeword
	FOR EDUCATIONAL USE

Sundaram