

SIGNALS AND SYSTEMS

Activity 1: RECIPROCAL TEACHING

Date:24/06/2019

Topic Name: OPERATION ON SIGNALS

(Questions if Any)

S.No	Question	CO Addressed
1	<p>A continuous-time signal $x(t)$ is shown in Figure 1.1. Sketch and label carefully each of the following signals:</p> <p>(a) $x(t - 1)$ (b) $x(2 - t)$ (c) $x(2t + 1)$ (d) x</p> <p>(e) $[x(t)+x(-t)]u(t)$ (f) $x(t)[\delta(t + \frac{3}{2}) - \delta(t - \frac{3}{2})]$</p> <div style="text-align: center;"> <p style="font-size: small;">Figure 1.1</p> </div>	CO1 , CO3

Description of the Activity:

Student team has to take the role of the teacher and they have to explain the concept to the entire class matching the caliber of the aspirants.

Rubric (If Any):

PRESENTATION	PROBLEM SOLVING SKILL	QUERIES	TOTAL
2	5	3	10

Evaluation Sheet:

ACTIVITY 1				
HTNO	presentation(2)	problem solving(5)	queries(3)	RECIPROCAL TEACHING
				24/6
461				AB
462	2	4	2	8
464	2	5	3	10
465	2	4	2	8

466	2	4	2	8
467	5	5	3	10
468	2	4	2	8
469	2	4	2	8
470	2	5	3	10
471	2	4	2	8
472	2	2	2	6
473	2	4	2	8
474	2	4	2	8
475				AB
476	2	5	3	10
478				AB
479	2	5	3	10
480	2	5	3	10
481	2	5	3	10
482	2	5	3	10
483	2	2	2	6
484	2	4	2	8
485				AB
486				AB
487	2	4	2	6
489	2	4	2	6
490	0	0	0	0
491				AB
492	2	4	2	8
493	0	0	0	0
494	0	0	0	0
495	2	2	1	5
496	2	4	2	8
497	2	2	2	6
498	2	5	3	10
499				AB
4A0	2	4	2	8

4A1	2	4	2	8
4A3	2	4	2	8
4A4	2	2	2	6
4A5	2	4	2	8
4A6	2	4	1	7
4A7	2	4	1	7
4A8	2	2	2	6
4A9	2	2	2	6
4B0				AB
4B1	2	4	1	7
4B2	2	4	2	8
4B3	2	4	2	8
4B4	2	5	2	9
4B5	2	4	2	9
4B6	2	5	1	8
4B7	2	5	1	8
4B8	2	5	0	7
4C0	2	4	2	8
L408				NA
L409				NA
L410				NA
L411				NA
L412				NA
L413				NA

Photo Gallery:



Outcome: Students can able to solve different problems and can address solutions related to the topic [ANALYZE]

SIGNALS AND SYSTEMS

Activity 5: e-Assignment

Date: 26/9/2019

Topic Name: : Z transform

(Questions if Any)

S.No	Question	CO Addressed
1	Using long division method determine the inverse Z transform of $X(z) = \frac{z^2 + 2z}{z^3 - 3z^2 + 4z + 1}; ROC \ z\ > 1$ Descend the powers and verify the answer	CO4

Description of the Activity:

Student team has to complete the task and to submit the task through google classroom in the specified format within the dead line and time.

Rubric (If Any):

MODE OF SUBMISSION	ACCURACY OF ANSWER	TOTAL
5	5	10

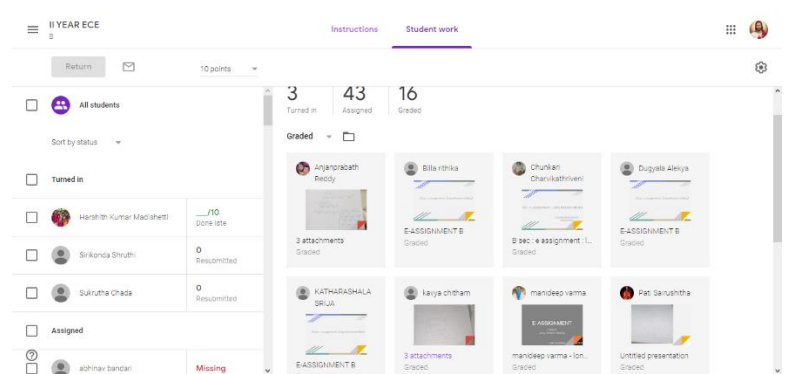
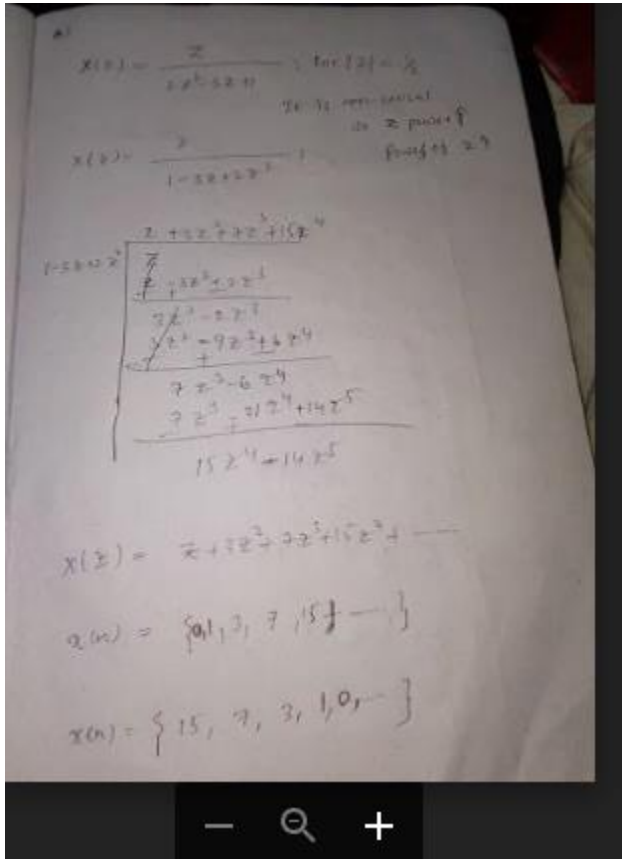
Evaluation Sheet:

ACTIVITY 5			
HTNO	mode of submission(5)	accuracy of answer(5)	eassignment
			26/9
461	0	4	4
462	0	4	4
464	5	5	10
465	0	4	4
466	0	4	4
467	5	5	10

468	0	4	4
469	0	0	0
470	5	5	10
471	0	0	0
472	5	1	6
473	0	4	4
474	0	4	4
475	5	2	7
476	5	5	10
478	0	0	0
479	5	5	10
480	5	5	10
481	5	5	10
482	5	5	10
483	0	0	0
484	4	0	4
485	4	0	4
486	0	0	0
487	0	0	0
489	0	0	0
490	4	0	4
491	0	0	0
492	4	0	4
493	0	0	0
494	0	0	0
495	0	0	0
496	4	0	4
497	0	0	0
498	5	5	10
499	4	0	4
4A0	4	0	4
4A1	4	0	4
4A3	4	0	4

4A4	0	0	0
4A5	4	0	4
4A6	4	0	4
4A7	5	0	5
4A8	4	0	4
4A9	4	0	4
4B0	4	0	4
4B1	4	0	4
4B2	4	0	4
4B3	4	0	4
4B4	4	0	4
4B5	4	0	4
4B6	4	0	4
4B7	4	0	4
4B8	5	0	5
4C0	4	0	4
L408	5	5	10
L409	0	0	0
L410	5	2	7
L411	4	0	4
L412	4	0	4
L413	4	0	4

Photo Gallery:



Outcome: Students can able to handle different web technology in their learning environment.[Expertize]

Final Assessment Marks:

	ACTIVITY 1	ACTIVITY 2	ACTIVITY 3	ACTIVITY 4	ACTIVITY 5	
HTNO	RECIPROCAL TEACHING	SNAKES AND LADDERS	THINK PAIR SHARE	TRUMP CARD	E ASSIGNMENT	Total
	24/6	19/7	16/8	6/9	26/9	
461		8	10	4	0	4.4
462	8	8	8	4	0	5.6
464	10	10	10	10	10	10
465	8	10	8	4	0	6
466	8	9	8	4	10	7.8
467	10	10	10	10	0	8
468	8	8		4	10	6
469	8		8	0	0	3.2
470	10	10	10	10	10	10
471	8	9		0	10	5.4
472	6	7	8	6	0	5.4
473	8	8	8	4	10	7.6
474	8	6	7	4	0	5
475		8	7	7	0	4.4
476	10	10	10	10	10	10
478		5	0	0	0	1
479	10	10	10	10	10	10
480	10	10		10	0	6
481	10	10	10	10	0	8
482	10	10	10	10	10	10
483	6	9		0	0	3
484	8	10		4	0	4.4
485			9	4	0	2.6
486		9	9	0	0	3.6
487	6	9	8	0	0	4.6
489	6	9	8	0	0	4.6
490	0	8		4	0	2.4
491		9	7	0	10	5.2

492	8	9	10	4	10	8.2
493	0	10		0	0	2
494	0	5	0	0	0	1
495	5		5	0	0	2
496	8	4	5	4	10	6.2
497	6	9		0	10	5
498	10	10	10	10	10	10
499		9		4	10	4.6
4A0	8	6	6	4	10	6.8
4A1	8	8	7	4	0	5.4
4A3	8	6	8	4	0	5.2
4A4	6	9	9	0	10	6.8
4A5	8	5	6	4	5	5.6
4A6	7	10	8	4	10	7.8
4A7	7	10	8	5	0	6
4A8	6	10	9	4	0	5.8
4A9	6	8	8	4	0	5.2
4B0		8	6	4	0	3.6
4B1	7	8	6	4	0	5
4B2	8	8	8	4	0	5.6
4B3	8	10		4	10	6.4
4B4	9	9	9	4	0	6.2
4B5	9	6		4	0	3.8
4B6	8	8	7	4	0	5.4
4B7	8	8	8	4	0	5.6
4B8	7	7	6	5	0	5
4C0	8	9	9	4	0	6
L408		9		10	10	7.25
L409				0	0	0
L410		8	8	7	10	8.25
L411		8		4	0	3
L412		8	8	4	0	5
L413		8	9	4	10	7.75

