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Criteria	Criteria 2- Teaching- Learning and Evaluation
Key Indicator	2.3 Teaching- Learning Process
Metric	2.3.1 Student centric methods, such as Think-Pair-Share methodologies used for problem solving

#### Think-Pair-Share

Think-Pair-Share is a powerful teaching tool that fosters active learning, collaboration, and critical thinking. Students individually reflect on a question, problem, or concept. This step encourages deep thinking, allowing students to process information and form initial ideas.

A few faculties of SMVITM use think pair share methodologies to enhance the thinking ability and problem solving skills in students. The class benefits from a diverse range of responses. Students gain confidence by articulating their thoughts to a peer before sharing with the entire class.

This document reveals the process conducted by the institute to enhancing Teaching learning through think-pair-share method.

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### DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

# Think - Pair - Share

Name: Vittors VK, Sus Tannay, Sumaith (063), Rahul	Pratham	-	
Date: 21/2/23	Course: NL 81	Design	Course Code: 18 EC 72
Question or Topic: Design	3- Enput NA	ND Gate	veery minimum number
- C	3 theckness.	transist	· 07 .

What 1 Think	What my partner thinks	What we share
By using pseudo Nmes leger.	Samanth Mutalik  Ryusing DscuoloNMOS  Logic	Using pseudo NMOS (986. ALER Consumption
(m)	Vikas VK	will be less
	By using emos logic	only 4 transietors
	SUMANIN PSEUdu	
	nmus logic Sourobh	
	By using proudo nness logic Battan	
	By using pseudonmos logic	

Student's Signature:-

Palley, & Son

2 Du

Puls Prothat

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

# Think - Pair - Share

Name: Shravya, Shreeta, sowning AY- III

Suraksha, Vinaya S

Date: 21/12/23 Course: VLSI Course Code: 18ECT2

Question or Topic: 3 input NAMD gate using minimum number of differentiates

What 1 Think	What my partner thinks	What we share
precharge enalurate logic by using this logic We can reclude	input Nanio gare  Will be designed  by using Pseudo  Nimos logic we  here to minimize  the usea require  "Instead of using  Lunge no of ponos  we have we a singe  Minos depletion  4: A.R.C. Typo  Lunge no typo  A-IL  B-IL  B-IL  C-IL	that by busing Reservedo Nimos logic better thus other logice

Student's Signature:-

Plis P Sourge

Inax Swalders

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#### DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

# Think - Pair - Share

Anusha, Porcethika, Adithya Porakash

Name: Ashwini (TL)

AY- 2021-22

Date: 11/03/2022

Course: Network Theory Course Code: 18EC32

Question or Topic:

What my partner thinks	What we share
Anusha,  I think that, and  ai made voltage socue  s.c 4 R as 0.c. 20112  10 series with 5 Zeg=16  and i get Pmey= 37.158/11  Preethika,  1st Thore taken  voltage so use sholted  and 2051 4 2 5 ass  pasallel & 1051 6 55 ass  in series. Vih=50v.  Leg=16.818.9. Pmov=37.1620  Allituga. Prockark  Voltage source Morted  unenown his istome is  o of 2062 or on padall  then equivalent is series  usith 1051 and it is  parallel with 551  Zeg=8.51357 I=1.022	Prax = 177.89w
	Anusha,  I think that, and  i made voltage socue s.c 4 R as 0.c 20112 10 series with 5 Zeg=16 and i get Pmey= 37.158/11 Breethika, 1st Thore taken voltage source sholted and 2051 & 25 are pasallel & 1051 & 551 are for series. VTH=50v. Zeg=16.818.5. Pmay=37.1620 Adithya. Prokark Voltage source Morted unknown his istome is 0 C- 20 & 27 on patalel then equivalent is scries with 1052 and it is parallel with 551

Student's Signature:-

oth. Anusho

Ashoini.

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### DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

# Think - Pair - Share

Name: Jeevan Kuma	AY- 2021	- 2022
Date: 11 / 03/ 2022	Course: Network Theory	Course Code: 12 Ec32.
Question or Topic:		

What I Think	What my partner thinks	What we share
Used Senles pavia Combination to Calculate R. R-1.6214 Pmax = 385.46w	II Mansh:  Wed Parallel & Series & Power  Transfutherem to  Collect & Religion to  Theorem & Series Marallel  Combination Religion	whole scleeting party provalled & socies combination

PMax = 37.1605W

Student's Signature:-

Manuel

D-, J3

Joseph

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#### DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

# Think - Pair - Share

Name: A nusha (4mw206012)(Th) AY-2021-22

Manasa Bhat (4mw206029)

Date: 1103/22 Course: Network Heary. Course Code: 186082

Question or Topic:

What I Think	What my partner thinks	What we share
I wound Req =  16-1818  I kind current  by applying Leve  I = 9,1891  I2 = 0-1081081  I3 - I(-I2  Hen i have rind  out voldage acro  My the loop 3.  Whin Vm = 5,14055  Pmax = 0. 486	Manara 2 got  Req = 3.51352  and flien found  Von = 49.46 V  and then got  Power = 174.06  by wing formula $p = \frac{1}{4RL}$	ne hound out Req = 3-51352  and the pound  VM = 49.46V  and then 90 t  Peq power =  174.66  21 = 0.91891

Student's Signature:- .

Anusha: Ahu

Marara?

(Manara)

Princ<del>ipal</del>
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#### DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

# Think - Pair - Share

Ankitha (HHWDOECIO) Odnusha AR (014) Pooja (038)

Name: Keeotkana. (034/TL) AY- 2021 - 22

Date: 11/03/22 Course: Network throny Course Code: 18 EC 32

Question or Topic:

What I Think	What my partner thinks	What we share
THE RALL MADE	-) Short whaqu source	Parallil
-) Short voltage sounce	-> Open point f.	R=RIRZ
-) and open the point	-> Reg = 16, 81852	R1+R2
R	> Append PART ED PORTE	
-> finding Rig	>) Find currents	SUTIC
by using soniu and	> PM KUL: VTH 9 Pmax = 148:58	R=RIR2
parallel combination	1887 WIT 1797 07	1 2000
MEXILIA POSTALLIL SUTY	Shorting voltage Sounu	pmar = V+R2
$R = \frac{R_1 R_2}{R_1 + R_2}$ $R = R_1 + R_2$ $R = \frac{16.318}{R_1 + R_2}$	open point R. finding	
-) If tinding the value of	Rig by parallel and	148.56W
-) VIR	Servis Lambination applying	Pmax = 37-1610
- tinding Maximum	Regarding the	d
Doubt to anspor	Just Ry = 16.818	
pmai = (VtR)2	Pmaz= (vth 1)2	
PMa. HRL	Pmax = 37.16 W	
	>Short voltage source.	
Pmax = 37.16W	opening point R	
	Req = 16.818-12	
	Applying KVL Loop.	

KUL- VTH Pmax - 148.56

Student's Signature:- Keenthana

Kresitha Br

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#### DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Think - Pair - Share
Ashlish Chandran
Team & Lloyd Whiston Photo
Athmika Shetty

dethya. D. Nayak

03/2022

Course: Network Theory Course Code: 18EC32

Question or Topic:

What I Think	What my partner thinks	What we share
1) Short cerult The	Asherh! Short ceruet	The Value of equivale
Sources and Open	Vollage some and	The Value of equivale
church the load.	load is open churched	RL = 3.5135 D
2) Flud the equinalent	Found The equivalent	
Turkhanu.	resistanu R= 3.5135A	By Applying KVL to
3) Apply RVL to the	Lloyd:	he loop, me get,
loops and tind	Apply KVL Cothe	î, = 0.9189A
4) To find Vin apply	loops.	Iz = 0.1081A
KVL to the loop	I, = 0.9189 A Iz=0-1081 A	I = 1.027A
5) Flud the maximum	I= 1.027 A	are found . VTIH by
power transtured	Athneba!	applying KUL to loop
to the load.	Found VIH by applying	VTH = 44-8657
5° = 3.2132-℃	BVL to 42 loop.	
I = 1.024 A	VTH = 44.8654	By applying maximum
VTH= 44.865V	By Applylong maxlmom	poeur formula, wigit
Panax = 143,2199W	pour formula found	Pmax = 143.2199N
	Pman = 143.2199W	

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# Think - Pair - Share

Name: Nikitha . Shelle	[ TL], AY- 2021 -	2022
Date: 11 3 2022	Course: Network theory	Course Code: 18 Ec 82

What I Think	What my partner thinks	What we share
Pmax = 68.01 W	Managa: 342 63 N	Since the assumption
Innol reggetance open -	calulating parallel of	we made regarding
Voltage Source Short.	13000 1	Seres & parallel
1000 Equavalent	Beries with 10 & J.	Teststance was 2
Calculating Equivalent	Using max power traver	Then we got
server of w, 5 4 2	Amala Jos answer .	ZZeg = 3.5185
calculating 20 of	1 Ashitla: 388.410:	VTH = 50
Parallel weth ger Pes	1 1 18 0 bolattet	1
Equivalent.	and will begin to	Prior
VTH = 50 V.	- la dina MULL T	
Finally calculating	trong of Jamaca	3 A
trans/s	Harobotha polallet 1911	
mac power transles	of and of other	
Vsing formula.	1 LI . A LEON DUNGEL II	
209 = 9.189	1 0 0 1 76 11 1	,
/	con y 1000 1 Reg = 1.1 +16	*
	Pmax = 442. 76	

Student's Signature:- .

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Tille of Amusion

Junodya

Jusosa

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# Think - Pair - Share

Name: A chinthey	a. AY- 21	-22		
Date: 11-3-20	Course: NT	Course Code: 18 EC32		
Question or Topic: Maximum power frams form				

What I Think	What my partner thinks	What we share
used derevier par	Malama: voltage	we obtained
to find or.	calculating Zig.	R=3.692
used man.	Apply XVL and	10 = 350 and
pow or transform	finding F. Then	Vqu = 50 V
therew	Witha: voltage source	Rover = 187-100
	Sharn calculating Zeg.	
	Apply Luc & find I.	
	KAZI: Used stor	
· ·	Cella topul	
	R	
	`	

Student's Signature:-

Meta

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

# Think - Pair - Share

Name: Nagraj	AY- Q	AY- 2021-22	
Date: 11 - 3 - 22.	Course: NT	Course Code: 18EC32	
Question or Topic:	•	-	

What I Think	What my partner thinks	What we share
I used MPT theo.  I got Rucula as  1.36 & I didnot  maximum fower val	ruthed was wrong answer	and NIT but he death get ausen star Delt halso get no aus
	I may ?	

Student's Signature: - Nagariaf Abhishik Adorch Autor

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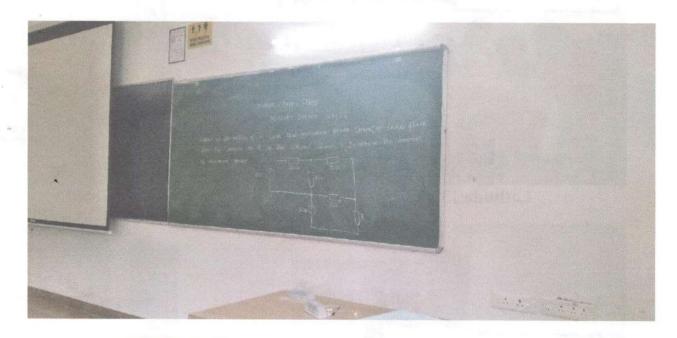
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#### DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

### **Photos of Think Share Pair**



Topic: Think Pair Share

Date/Time: 11th March 2022, 02:00 PM to 04:00 PM

Location: B003, Ground Floor, EC Block, SMVITM Bantakal

Latitude: 13. 254770 Longitude: 74. 785823



Latitude: 13.254770

Longitude: 74.785823ADHWA WADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMEN
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115



Latitude:13.254770

Longitude: 74.785823



Latitude:13.254770

Longitude: 74.785823

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Latitude:13.254770

Longitude: 74.785823



Latitude: 13.254770

Longitude: 74.785823

AADHMA VARRAL

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